In the tables below the LCI data for the studied system "Printed newspaper, European scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow – Inputs	Quantity	Amount	Unit	Origin of data
Air [Renewable resources]	Mass	-1,21E+00		(Calculated)
Aluminum [Non renewable elements]	Mass	2,29E-02	•	(No statement)
Antimonite [Non renewable resources]	Mass	2,13E-10	0	(No statement)
Antimony [Non renewable resources]	Mass	1,08E+01	kg	Literature
Arsenic as resource [STFI-PF import]	Mass	1,98E-06	-	Literature
Barium sulphate [Non renewable resources]	Mass	1,44E-02	•	(No statement)
Basalt [Non renewable resources]	Mass	5,23E-03	•	(No statement)
Bauxite [Non renewable resources]	Mass	8,49E-08	•	Calculated
Bentonite [Non renewable resources]	Mass	1,59E-02	•	(Literature)
Blast furnace dust [Organic intermediate products]	Mass	9,77E-12	•	Calculated
Borax [Non renewable resources]	Mass	7,96E-07	•	(No statement)
Butylhydroxitoluen [STFI-PF import]	Mass	8,49E-07	-	Literature
Cadmium ore [Non renewable resources]	Mass	3,11E-06	•	Literature
Calcium chloride [Non renewable resources]	Mass	2,34E-15	•	Literature
Carbon dioxide [Renewable resources]	Mass	1,60E+01	•	Calculated
Chromium [Non renewable elements]	Mass	4,07E-03	•	Literature
Chromium ore [Non renewable resources]	Mass	4,87E-18	-	Calculated
Chrysotile [Non renewable resources]	Mass	1,07E-05	•	(No statement)
Cinnabar [Non renewable resources]	Mass	9,53E-07	•	(No statement)
Clay [Non renewable resources]	Mass	2,76E-01	kg	(No statement)
Clothes [STFI-PF import] - Not followed from the cradle	Mass	5,03E-06	-	Literature
Cobalt [Non renewable elements]	Mass	2,70E-08	•	(No statement)
Colemanite ore [Non renewable resources]	Mass	1,91E-05	•	(No statement)
Cooling water [Operating materials]	Mass	9,98E-01	•	(Measured)
Copper [Non renewable elements]	Mass	5,10E-03	-	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	4,28E-04	•	Measured
Crude oil [Crude oil (resource)]	Mass	2,17E+00	•	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	2,38E-02	•	Literature
Crude oil Angola [Crude oil (resource)]	Mass	9,67E-03	•	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	5,41E-08	-	Literature
Crude oil Australia [Crude oil (resource)]	Mass	2,50E-06	0	Estimated
Crude oil Brazil [Crude oil (resource)]	Mass	5,85E-10	•	Literature
Crude oil Brunei [Crude oil (resource)]	Mass	2,78E-08	-	Estimated
Crude oil Cameroon [Crude oil (resource)]	Mass	9,47E-04	•	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	1,92E-04	-	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	6,20E-04	-	Calculated
Crude oil Central America [Crude oil (resource)]	Mass	5,16E-05	•	Calculated
Crude oil Central America [Crude oil (resource)] Crude oil China [Crude oil (resource)]	Mass	2,31E-05	-	Estimated
Crude oil CIS [Crude oil (resource)]	Mass	2,31E-03 9,42E-02	•	(Literature)
- , ,-			•	. ,
Crude oil Colombia [Crude oil (resource)]	Mass	3,82E-05	-	Literature
Crude oil Denmark [Crude oil (resource)]	Mass	3,03E-05	-	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	7,15E-04	-	(Estimated)
Crude oil France [Crude oil (resource)]	Mass	1,58E-07	ку	(Literature)

LCI Data - Printed newspaper, European scenario

Flow – Inputs

	Quantity	Amount	110:4	Origin of data
Flow – Inputs Crude oil free wellhead [Crude oil (resource)]	Quantity Mass	Amount 3,13E-02	Unit	Origin of data Literature
Crude oil Gabon [Crude oil (resource)]	Mass	1,02E-02	-	(Estimated)
Crude oil Germany [Crude oil (resource)]	Mass	1,34E-02	•	(Literature)
Crude oil Indonesia [Crude oil (resource)]	Mass	2,16E-05	-	Estimated
Crude oil Iran [Crude oil (resource)]	Mass	1,09E-02	•	(Estimated)
Crude oil Italy [Crude oil (resource)]	Mass	8,53E-04	•	Literature
Crude oil Kuwait [Crude oil (resource)]	Mass	5,38E-03	•	(Estimated)
Crude oil Libya [Crude oil (resource)]	Mass	5,21E-02	•	Literature
Crude oil Mexico [Crude oil (resource)]	Mass	1,78E-04	•	Literature
Crude oil Middle East [Crude oil (resource)]	Mass	2,62E-04	•	Calculated
Crude oil Netherlands [Crude oil (resource)]	Mass	1,09E-03	•	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	5,52E-09	•	Estimated
Crude oil Nigeria [Crude oil (resource)]	Mass	2,13E-02	•	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	6,54E-05	•	Calculated
Crude oil Norway [Crude oil (resource)]	Mass	9,78E-02	•	(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	4,49E-06	•	Estimated
Crude oil Qatar [Crude oil (resource)]	Mass	8,81E-09	kg	(Estimated)
Crude oil Saudi Arabia [Crude oil (resource)]	Mass	4,30E-02	-	(Estimated)
Crude oil Tunisia [Crude oil (resource)]	Mass	1,25E-06	kg	Literature
Crude oil United Arab Emirates [Crude oil (resource)]	Mass	7,26E-07	kg	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]	Mass	8,35E-02	kg	(Literature)
Crude oil USA [Crude oil (resource)]	Mass	1,07E-03	kg	Literature
Crude oil Venezuela [Crude oil (resource)]	Mass	1,84E-02	kġ	Literature
Diatomite [Non renewable resources]	Mass	2,05E-09	kg	(No statement)
Dolomite [Non renewable resources]	Mass	4,63E-04	kg	Calculated
	Energy			
Energy, calorific value, in organic substance [biotic]	ren.	1,80E+02		(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	2,23E-08	•	(No statement)
Fluorine [Non renewable elements]	Mass	5,47E-04	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable resources]	Mass	7,46E-04	kg	Calculated
Granite [Non renewable resources]	Mass	5,22E-06	•	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	1,72E-05	•	(No statement)
Hard coal [Hard coal (resource)]	Mass	4,11E+00	•	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	-7,54E-04	0	(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	7,27E-08	-	Calculated
Hard coal Brazil [Hard coal (resource)]	Mass	1,52E-10	0	(Estimated)
Hard coal Canada [Hard coal (resource)]	Mass	6,13E-05	•	(Calculated)
Hard coal China [Hard coal (resource)]	Mass	-8,00E-05	•	(Calculated)
Hard coal CIS [Hard coal (resource)]	Mass	-2,43E-04	0	(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	-1,06E-03	•	(Calculated)
Hard coal Czech Republic [Hard coal (resource)]	Mass	-1,08E-03	•	Calculated
Hard coal France [Hard coal (resource)]	Mass	2,04E-07	•	(Calculated)
Hard coal Germany [Hard coal (resource)]	Mass	-3,05E-02	•	Calculated
Hard coal Indonesia [Hard coal (resource)]	Mass	-2,12E-04	•	(Calculated)
Hard coal Japan [Hard coal (resource)]	Mass	5,29E-14	•	Calculated
Hard coal Poland [Hard coal (resource)]	Mass	-3,61E-03	•	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	4,62E-13	-	Estimated
Hard coal South Africa [Hard coal (resource)]	Mass	-5,02E-03	-	(Calculated)
Hard coal Spain [Hard coal (resource)]	Mass	1,16E-07	•	Calculated
Hard coal United Kingdom [Hard coal (resource)]	Mass	-2,24E-05	•	(Calculated)
Hard coal USA [Hard coal (resource)]	Mass	-1,72E-03	-	(Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	-2,04E-04	•	(Calculated)
				-

	Quantity	Amount	llnit	Origin of data
Flow – Inputs Heat from wood [Flows] - Not followed from the cradle	Quantity Energy	-5,12E-01	Unit MJ	Origin of data (No statement)
Heavy spar (barytes) [Non renewable resources]	Mass	4,01E-03		(Literature)
Inert rock [Non renewable resources]	Mass	4,01E-03	•	(Literature)
Iron [Non renewable elements]	Mass	2,10E-01	•	(Literature)
Iron ore (65%) [Non renewable resources]	Mass	-4,11E-05	•	Calculated
Iron ore [Non renewable resources]	Mass	2,98E-06	•	(Calculated)
Kaolinite (24% in ore as mined) [Non renewable	Mass	2,502 00	ĸġ	(Oalculated)
resources]	Mass	2,97E-01	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable		,	U	· · · · ·
resources]	Mass	1,01E-03	•	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	5,06E-04	•	Calculated
Lead [Non renewable elements]	Mass	1,26E-02	•	Literature
Lignite [Lignite (resource)]	Mass	4,82E+00	•	(Literature)
Lignite Australia [Lignite (resource)]	Mass	3,92E-07	•	Literature
Lignite Austria [Lignite (resource)]	Mass	2,13E-12	•	Calculated
Lignite France [Lignite (resource)]	Mass	3,68E-09	•	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	1,98E-07	•	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	6,85E-05	-	Calculated
Lignite Germany [Lignite (resource)]	Mass	6,67E-03	•	Literature
Lignite Greece [Lignite (resource)]	Mass	5,80E-10	•	Literature
Lignite Spain [Lignite (resource)]	Mass	6,12E-08	•	Literature
Lignite USA [Lignite (resource)]	Mass	2,31E-06	kg	Literature
Limestone (calcium carbonate) [Non renewable	Masa		1	(1 : to no to no)
resources] Magnesit (Magnesium carbonate) [Non renewable	Mass	6,70E-01	kg	(Literature)
resources]	Mass	2,78E-03	ka	Calculated
Magnesium [Non renewable elements]	Mass	5,48E-07	•	(No statement)
Manganese [Non renewable elements]	Mass	6,57E-04	•	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	5,28E-06	•	Calculated
Molybdenum [Non renewable elements]	Mass	7,55E-04	-	(No statement)
Natural Aggregate [Non renewable resources]	Mass	8,28E+00	-	(No statement)
Natural gas [Natural gas (resource)]	Mass	3,50E+00	•	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	1,93E-03	•	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	7,84E-04	•	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	1,77E-09	kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	-5,29E-08	•	(Literature)
Natural gas Brazil [Natural gas (resource)]	Mass	1,07E-07	kg	(Literature)
Natural gas Brunei [Natural gas (resource)]	Mass	9,20E-10	kg	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	7,68E-05	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	1,98E-04	kg	(Literature)
Natural gas China [Natural gas (resource)]	Mass	1,31E-06	kg	Estimated
Natural gas CIS [Natural gas (resource)]	Mass	-7,16E-03	kg	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	1,45E-06	kg	Literature
Natural gas Denmark [Natural gas (resource)]	Mass	-2,99E-04	kg	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	5,80E-05	kg	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	-5,55E-06	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	8,47E-09	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	-4,97E-03	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	2,01E-06	•	Estimated
Natural gas Iran [Natural gas (resource)]	Mass	4,09E-04	•	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	1,72E-05	•	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	2,02E-14	•	Estimated
Natural gas Kuwait [Natural gas (resource)]	Mass	2,01E-04	•	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	4,33E-03	kg	Literature

LCI Data - Printed newspaper, European scenario

Flow – Inputs

	Quantity	Amount	Unit	Origin of data
Flow – Inputs Natural gas Malaysia [Natural gas (resource)]	Quantity Mass	6,09E-09		Origin of data Estimated
Natural gas Maiaysia [Natural gas (resource)]	Mass	6,11E-06	0	(Literature)
Natural gas Netherlands [Natural gas (resource)]	Mass	-6,98E-03	•	(Literature)
Natural gas New Zealand [Natural gas (resource)]	Mass	1,22E-10	•	Estimated
Natural gas Nigeria [Natural gas (resource)]	Mass	1,73E-03	•	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	-2,01E-03	•	(Literature)
	Mass		•	Estimated
Natural gas Oman [Natural gas (resource)]		1,68E-07	•	
Natural gas Qatar [Natural gas (resource)]	Mass	3,29E-10	•	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	1,61E-03	0	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	1,83E-10	•	Estimated
Natural gas Tunisia [Natural gas (resource)] Natural gas United Arab Emirates [Natural gas	Mass	1,01E-07	кд	Literature
(resource)]	Mass	9,91E-08	ka	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	1,58E-03	•	(Estimated)
Natural gas USA [Natural gas (resource)]	Mass	5,29E-04	•	(Literature)
Natural gas Venezuela [Natural gas (resource)]	Mass	1,08E-03	•	Literature
Nickel [Non renewable elements]	Mass	1,11E-02	•	(No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	4,07E-05	•	Measured
Nitrogen [Renewable resources]	Mass	1,18E-08	•	(Literature)
Occup. as Convent. arable land [Hemeroby]	Areatime		-	(No statement)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime		•	(No statement)
	Areatime			(No statement)
Occupation, construction site [Hemerobie ecoinvent]				· /
Occupation, dump site [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent] Occupation, forest, intensive, normal [Hemerobie	Areatime			(No statement)
ecoinvent]	Areatime			(No statement)
Occupation, industrial area [Hemerobie ecoinvent] Occupation, industrial area, benthos [Hemerobie	Areatime	·		(No statement)
ecoinvent] Occupation, industrial area, built up [Hemerobie	Areatime			(No statement)
ecoinvent] Occupation, industrial area, vegetation [Hemerobie	Areatime	1,28E-02	m2*yr	(No statement)
ecoinvent] Occupation, mineral extraction site [Hemerobie	Areatime	7,48E-03	m2*yr	(No statement)
ecoinvent] Occupation, permanent crop, fruit, intensive [Hemerobie	Areatime	2,42E-02	m2*yr	(No statement)
ecoinvent]	Areatime	8,29E-02	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie ecoinvent]	Areatime	1,83E-03	m2*yr	(No statement)
Occupation, traffic area, rail embankment [Hemerobie ecoinvent]	Areatime	1,44E-02	m2*vr	(No statement)
Occupation, traffic area, rail network [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, traffic area, road embankment [Hemerobie				. ,
ecoinvent] Occupation, traffic area, road network [Hemerobie	Areatime			(No statement)
ecoinvent] Occupation, urban, discontinuously built [Hemerobie	Areatime	3,20E-02	m2*yr	(No statement)
ecoinvent] Occupation, water bodies, artificial [Hemerobie	Areatime	1,14E-04	m2*yr	(No statement)
ecoinvent]	Areatime	8,24E-02	m2*yr	(No statement)
Occupation, water courses, artificial [Hemerobie	Aroctime		m2*	(No statement)
ecoinvent]	Areatime Mass		•	(No statement)
Olivine [Non renewable resources]	Mass	5,58E-07	•	(No statement)
Palladium [Non renewable elements]	Mass	1,65E-08	ку	(No statement)

		_		
Flow – Inputs	Quantity	Amount	Unit	Origin of data
Peat [Renewable resources]	Mass	1,45E-01	•	(No statement)
Phosphate ore [Non renewable resources]	Mass	2,55E-02	•	(Literature)
Phosphorus [Non renewable elements]	Mass	2,20E-03	0	(No statement)
Phosphorus minerals [Non renewable resources]	Mass	2,33E-04	kg	Literature
Pit gas [Natural gas (resource)]	Mass	4,37E-02	kg	(Literature)
Platinum [Non renewable elements]	Mass	1,21E-09	kg	(No statement)
Potassium chloride [Non renewable resources]	Mass	2,22E-04	kg	(Literature)
Precious metal ore (R.O.M) [Non renewable resources]	Mass	1,37E-07	kg	(No statement)
Primary energy from geothermics [Renewable energy	Energy			
resources]	ren.	1,09E-04	MJ	Estimated
Primary energy from hydro power (BUWAL) [Renewable	Energy			
energy resources]	ren.	5,75E-03	MJ	Literature
Primary energy from hydro power [Renewable energy	Energy		N 4 1	(Litereture)
resources] Primary energy from solar energy [Renewable energy	ren. Energy	5,75E+01	IVIJ	(Literature)
resources]	ren.	1,78E+00	МТ	(Estimated)
Primary energy from wind power [Renewable energy	Energy	1,702100	1010	(Lotinated)
resources]	ren.	5,88E+00	MJ	Calculated
Process and cooling water [Operating materials]	Mass	1,33E-10		Literature
Process water [Operating materials]	Mass	1,56E-02	•	(Measured)
Quartz sand (silica sand; silicon dioxide) [Non renewable	made	.,002 02	Ng	(medeared)
resources]	Mass	1,70E-06	kg	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	3,02E-04	•	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	2,27E-04	•	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	1,26E-03	•	Literature
Renewable fuels [Renewable energy resources]	Mass	2,79E-06	•	Calculated
Rhenium [Non renewable elements]	Mass	8,61E-11	•	(No statement)
Rhodium [Non renewable elements]	Mass	4,58E-10	-	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	2,22E-08	•	(No statement)
sand [Non renewable resources]	Mass	1,23E-04	•	(No statement)
Selenium [Non renewable elements]	Mass	4,25E-08	•	Literature
Silver [Non renewable elements]	Mass	1,88E-08	•	(No statement)
Slate [Non renewable resources]	Mass	5,03E-06	•	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	3,77E-01	•	(Literature)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	5,59E-12	•	(No statement)
Sodium sulphate [Non renewable resources]	Mass	1,59E-04	-	(No statement)
Soil [Non renewable resources]	Mass	4,26E-04	•	Calculated
Steel scrap (St) [Waste for recovery]	Mass	2,46E-12	•	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	1,61E-15	•	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	1,25E-09	•	(Literature)
Sulphur [Non renewable elements]	Mass	2,02E-04	•	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	5,56E-04	•	(No statement)
Talc [Non renewable resources]	Mass	4,41E-02	•	(No statement)
Tin [Non renewable elements]	Mass	5,05E-06	0	(No statement)
Titanium dioxide [Non renewable resources]	Mass	9,83E-04	•	(No statement)
Titanium ore [Non renewable resources]	Mass	3,03E-04 7,93E-11	0	(No statement)
Transformation, from arable [Hemerobie ecoinvent]	Area	2,04E-05	-	(No statement)
Transformation, from arable, non-irrigated [Hemerobie	Alea	2,042-03	Sym	(NO Statement)
ecoinvent]	Area	2,03E-01	sam	(No statement)
Transformation, from arable, non-irrigated, fallow		_,	0 q	()
[Hemerobie ecoinvent]	Area	1,47E-06	sqm	(No statement)
Transformation, from dump site, inert material landfill				
[Hemerobie ecoinvent]	Area	4,56E-05	sqm	(No statement)
Transformation, from dump site, residual material landfill	A			
[Hemerobie ecoinvent]	Area	1,02E-04	sqm	(No statement)

Flow – Inputs	Quantity	Amount	Unit	Origin of data
Transformation, from dump site, sanitary landfill [Hemerobie ecoinvent] Transformation, from dump site, slag compartment	Area	2,11E-04	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, from forest [Hemerobie ecoinvent]	Area Area	6,18E-06 3,22E-03	•	(No statement) (No statement)
Transformation, from forest, extensive [Hemerobie econvent] ecoinvent]	Area	1,83E-01	•	(No statement)
Transformation, from industrial area [Hemerobie ecoinvent]	Area	5,07E-05	•	(No statement)
Transformation, from industrial area, benthos [Hemerobie ecoinvent]	Area	1,05E-07	•	(No statement)
Transformation, from industrial area, built up [Hemerobie ecoinvent]	Area	2,21E-08	•	(No statement)
Transformation, from industrial area, vegetation [Hemerobie ecoinvent]	Area	3,77E-08		(No statement)
Transformation, from mineral extraction site [Hemerobie ecoinvent]	Area	5,38E-04		(No statement)
Transformation, from pasture and meadow [Hemerobie ecoinvent]	Area	6,88E-04		(No statement)
Transformation, from pasture and meadow, intensive [Hemerobie ecoinvent]	Area	1,63E-04		(No statement)
Transformation, from sea and ocean [Hemerobie ecoinvent]	Area	1,82E-03	-	(No statement)
Transformation, from shrub land, sclerophyllous [Hemerobie ecoinvent]	Area	5,13E-04	•	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	4,74E-03	•	(No statement)
Transformation, to arable [Hemerobie econvent] Transformation, to arable, non-irrigated [Hemerobie	Area	4,13E-04	•	(No statement)
ecoinvent] Transformation, to arable, non-irrigated, fallow	Area	2,03E-01	sqm	(No statement)
[Hemerobie ecoinvent]	Area	2,60E-06	sqm	(No statement)
Transformation, to dump site [Hemerobie ecoinvent] Transformation, to dump site, benthos [Hemerobie	Area	2,39E-04	•	(No statement)
ecoinvent] Transformation, to dump site, inert material landfill	Area	1,82E-03	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to dump site, residual material landfill	Area	4,56E-05	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to dump site, sanitary landfill [Hemerobie	Area	1,02E-04	sqm	(No statement)
ecoinvent] Transformation, to dump site, slag compartment	Area	2,11E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	6,18E-06	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent] Transformation, to forest, intensive [Hemerobie	Area	6,57E-04	sqm	(No statement)
ecoinvent] Transformation, to forest, intensive, normal [Hemerobie	Area	1,51E-01	sqm	(No statement)
ecoinvent] Transformation, to heterogeneous, agricultural	Area	2,73E-02	sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,51E-04	sqm	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent] Transformation, to industrial area, benthos [Hemerobie	Area	3,02E-04	sqm	(No statement)
ecoinvent] Transformation, to industrial area, built up [Hemerobie	Area	8,39E-07	•	(No statement)
ecoinvent] Transformation, to industrial area, vegetation [Hemerobie	Area	2,50E-04	•	(No statement)
ecoinvent] Transformation, to mineral extraction site [Hemerobie	Area	1,59E-04	sqm	(No statement)
ecoinvent]	Area	5,58E-03	sqm	(No statement)

Flow – Inputs	Quantity	Amount	Unit	Origin of data
Transformation, to pasture and meadow [Hemerobie ecoinvent]	Area	1,91E-05	sqm	(No statement)
Transformation, to permanent crop, fruit, intensive [Hemerobie ecoinvent]	Area	1,25E-03	sam	(No statement)
Transformation, to sea and ocean [Hemerobie ecoinvent]	Area	1,05E-07	•	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie	Alea	1,000-07	Sqiii	
ecoinvent]	Area	3,65E-04	sam	(No statement)
Transformation, to traffic area, rail embankment		-,	- 1	(
[Hemerobie ecoinvent]	Area	3,36E-05	sqm	(No statement)
Transformation, to traffic area, rail network [Hemerobie				
ecoinvent]	Area	3,69E-05	sqm	(No statement)
Transformation, to traffic area, road embankment	Aree	0 77E 00		(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	2,77E-03	sqm	(No statement)
ecoinvent]	Area	2,00E-04	sam	(No statement)
Transformation, to unknown [Hemerobie ecoinvent]	Area	4,66E-05	•	(No statement)
Transformation, to urban, discontinuously built	/ 104	1,002 00	oqin	
[Hemerobie ecoinvent]	Area	2,27E-06	sqm	(No statement)
Transformation, to water bodies, artificial [Hemerobie			•	· · · · · ·
ecoinvent]	Area	1,01E-03	sqm	(No statement)
Transformation, to water courses, artificial [Hemerobie	_			
ecoinvent]	Area	3,09E-04	•	(No statement)
Ulexite [Non renewable resources]	Mass	2,85E-06	kg	(No statement)
Unspecified [STFI-PF import] - Not followed from the cradle	Mass	2,34E-01	kg	Estimated
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	2,34E-01 2,25E-07	•	Literature
Uranium natural [Uranium (resource)]	Mass	2,23E-07 3,21E-04	0	(Literature)
Uranium spent as residue [Radioactive waste] - Not	111855	3,212-04	ĸġ	(Literature)
followed from the cradle	Mass	5,10E-10	ka	Calculated
Waste paper [Waste for recovery] - Not followed from the		-,	3	
cradle	Mass	7,92E+00	kg	(No statement)
Water (feed water) [Water]	Mass	8,11E-05	kg	(Literature)
Water (ground water) [Water]	Mass	4,89E+01	kg	Literature
Water (lake water) [Water]	Mass	5,44E-01	kg	(No statement)
Water (river water) [Water]	Mass	1,40E+02	kg	(No statement)
Water (sea water) [Water]	Mass	2,26E+01	kg	(No statement)
Water (surface water) [Water]	Mass	5,87E-01	•	(Calculated)
Water [Water]	Mass	1,82E+03	kg	(Literature)
Water for industrial use [Operating materials]	Mass	2,53E-04	kg	Calculated
Water, salt, sole [in water]	Volume	1,59E-03	m3	(No statement)
Water,turbine use, unspecified natural origin [in water]	Volume	2,55E+02		(No statement)
Vermiculite [Non renewable resources]	Mass	5,19E-07	kg	(No statement)
Volume occupied, final repository for low-active				
radioactive waste [Hemerobie ecoinvent] Volume occupied, final repository for radioactive waste	Volume	6,59E-07	m3	(No statement)
[Hemerobie ecoinvent]	Volume	1,66E-07	m3	(No statement)
	Cubic	1,002 07	mo	
	meter			
Volume occupied, reservoir [Hemerobie ecoinvent]	years	1,17E+00	m3a	(No statement)
Volume occupied, underground deposit [Hemerobie				
ecoinvent]	Volume	4,51E-06		(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	8,33E-02	•	Literature
Wood [Renewable energy resources]	Mass	2,23E-05	-	Calculated
Wood, hard, standing [biotic]	Volume	8,75E-04		(No statement)
Wood, soft, standing [biotic]	Volume	1,82E-02		(No statement)
Zinc - copper ore (4.07%-2.59%) [Non renewable	Mass	2,45E-04	kg	Calculated

Flow – Inputs resources]	Quantity	Amount	Unit	Origin of data
Zinc - lead - copper ore (12%-3%-2%) [Non renewable resources]	Mass	5,35E-05	kg	Calculated
Zinc [Non renewable elements] Zinc ore (sulphide) [Non renewable resources]	Mass Mass	1,46E-02 5,89E-13	0	(No statement) Calculated

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water]	Mass	5,36E-10	•	(No statement)
Acenaphthene [Hydrocarbons to sea water]	Mass	2,51E-10		(No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	3,36E-11	kg	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	1,57E-11	kg	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	4,69E-11	kg	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	9,51E-06	•	(Literature)
Acetic acid [Group NMVOC to air]	Mass	1,10E-04	•	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	1,36E-06	•	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air] Acid (calculated as H+) [Inorganic emissions to fresh	Mass	8,57E-06	кg	(Literature)
water]	Mass	7,22E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	4,35E-07	kg	(No statement)
Acrolein [Group NMVOC to air]	Mass	4,60E-09	kg	(No statement)
Adsorbable organic halogen compounds (AOX)				
[Analytical measures to fresh water]	Mass	4,94E-04	kg	(Measured)
Adsorbable organic halogen compounds (AOX) [Analytical measures to sea water]	Mass	1,78E-08	ka	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	7,35E-06	0	(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	9,31E-01	•	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	4,36E-07	•	Literature
Alkane (unspecified) [Group NMVOC to air]	Mass	1,97E-04	•	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	1,12E-05	•	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	5,24E-06	0	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	2,03E-04	•	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	1,04E-06	•	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	4,83E-07	•	(No statement)
Aluminum [Fresh water]	Mass	1,07E-01	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	3,82E-05	•	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	2,04E-04	•	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	7,06E-05	•	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	2,15E-05	kg	(No statement)
Aluminum [Particles to air]	Mass	7,44E-04	kg	(No statement)
Aluminum scrap [Waste for recovery]	Mass	4,72E-13	kg	Measured
Americium (Am241) [Radioactive emissions to fresh				
water]	Activity	2,35E-04	•	Calculated
Ammonia [Inorganic emissions to air]	Mass	1,07E-03	•	(Literature)
Ammonia [Inorganic emissions to fresh water]	Mass	7,66E-06	•	(Measured)
Ammonium / ammonia [Fresh water]	Mass	7,04E-04	kg	(No statement)
Ammonium / ammonia [Inorganic emissions to fresh	Mass	9,91E-04	ka	(Litoroturo)
water]		,	0	(Literature)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass Mass	4,35E-06 2,21E-14	-	(No statement) Measured
Ammonium [Inorganic emissions to air] Ammonium carbonate [high population density]	Mass	2,21E-14 1,24E-08	•	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	7,37E-12	•	(No statement) (Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	2,34E-04	•	(No statement)
Antimony (Sb122) [Radioactive emissions to fresh water] Antimony (Sb124) [Radioactive emissions to air]	Activity	2,34E-04 7,93E-07		(No statement) (Literature)
Antimony (Sb124) [Radioactive emissions to air] Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	7,93⊑-07 1,59E-01	•	(Literature)
Antimony (Sb124) [Radioactive emissions to hear water] Antimony (Sb125) [Radioactive emissions to air]	Activity	6,05E-06	•	(No statement)
Antimony (Sb125) [Radioactive emissions to air] Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	0,03E-00 1,61E-01		(Literature)
Antimony (50125) [Radioactive emissions to resh water] Antimony [Fresh water]	Mass	1,60E-05	-	(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	1,00E-03 4,49E-12	•	(No statement)
Antimony [Heavy metals to agricultural soli]	Mass	4,49E-12 3,41E-07	•	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	8,14E-06	•	(No statement)
, manony prodvy motals to noon water	111033	5,1∓⊑-00	~9	

Flow - Outputs Argon (Ar41) [Radioactive emissions to air]	Quantity Activity	Amount 6,45E+01	Unit Bq	Origin of data (Literature)
Aromatic hydrocarbons (unspecified) [Group NMVOC to air] Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Mass	3,09E-05	kg	(Calculated)
fresh water] Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Mass	4,68E-05	kg	Literature
sea water]	Mass	2,32E-05	kg	(No statement)
Arsenic [Fresh water]	Mass	1,79E-06	kg	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	1,09E-08	kg	(No statement)
Arsenic [Heavy metals to air]	Mass	2,24E-06	kg	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	2,02E-05	kg	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	2,82E-08	kg	(No statement)
Arsenic [Heavy metals to sea water]	Mass	5,39E-08	kg	(No statement)
Arsenic trioxide [Heavy metals to air]	Mass	2,93E-18	kg	Measured
Ash [Stockpile goods]	Mass	2,97E-06	kg	(Calculated)
Atrazine [Pesticides to agricultural soil]	Mass	5,38E-11	kg	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	3,94E-04	Bq	(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	1,02E-03	•	(No statement)
Barium [Fresh water]	Mass	3,86E-04	•	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	1,32E-09	•	(No statement)
Barium [Inorganic emissions to air]	Mass	5,67E-06	•	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	8,46E-05	0	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	3,53E-05	•	(No statement)
Barium [Inorganic emissions to sea water]	Mass	3,51E-05	•	(No statement)
Barytes [ocean]	Mass	1,13E-03	•	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	7,04E-10	•	Literature
Bentazone [Pesticides to agricultural soil]	Mass	2,22E-07	-	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	9,31E-10	•	(No statement)
Benzene [Group NMVOC to air]	Mass	2,91E-04	-	(Estimated)
Benzene [Hydrocarbons to fresh water]	Mass	3,47E-05	•	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	3,42E-06	0	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass Mass	5,48E-07 2,00E-06	•	(Literature) (No statement)
Beryllium [Fresh water] Beryllium [Inorganic emissions to air]	Mass	2,00E-08 1,66E-08	0	(No statement) (Calculated)
Beryllium [Inorganic emissions to fresh water]	Mass	6,96E-09	-	Literature
Biological oxygen demand (BOD) [Analytical measures to fresh water]	Mass	3,66E-02	-	(Literature)
Biological oxygen demand (BOD) [Analytical measures to		-	U	. ,
sea water] Biological oxygen demand, BSB5 (Ecoinvent) [Fresh	Mass	5,06E-03	Ũ	(No statement)
water]	Mass	9,96E-02	0	(No statement)
Blast furnace slag [Waste for recovery]	Mass	2,83E-07	•	Calculated
Boiler ash (unspecified) [Waste for recovery]	Mass Mass	-6,46E-04	0	(Calculated)
Boron [Fresh water]		3,14E-04	•	(No statement)
Boron [Inorganic emissions to air]	Mass Mass	4,74E-05 1,34E-05	0	(No statement)
Boron [Inorganic emissions to fresh water] Boron [Inorganic emissions to sea water]		1,34E-05 3,43E-07	•	(Literature)
Boron compounds (unspecified) [Inorganic emissions to	Mass		U	(No statement)
air] Bremete (Increanie omioniene to freeh weter)	Mass	1,54E-04	•	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	5,50E-05	•	(No statement)
Bromine [Fresh water]	Mass	7,38E-06	•	(No statement)
Bromine [Inorganic emissions to air]	Mass	1,48E-05	•	(Calculated)
Bromine [Inorganic emissions to fresh water] Bromine [Inorganic emissions to sea water]	Mass	9,39E-05 2,82E-05	•	(No statement) (No statement)
Diomine [morganic emissions to sed Water]	Mass	∠,0∠⊑-05	ĸу	(INO SIGLEITIETIL)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Butadiene [Group NMVOC to air]	Mass	9,18E-13	-	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	-4,41E-07	•	(Calculated)
Butane [Group NMVOC to air]	Mass	2,44E-04	0	(Estimated)
Butene [Group NMVOC to air]	Mass	2,73E-06	•	(No statement)
Butene [Hydrocarbons to fresh water]	Mass Mass	6,80E-08	•	(No statement)
Cadmium [Fresh water]		4,85E-06	•	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	4,59E-08	0	(No statement)
Cadmium [Heavy metals to air]	Mass	9,75E-07	•	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	1,45E-05	•	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	1,38E-07	-	Calculated
Cadmium [Heavy metals to sea water]	Mass Mass	1,64E-08	•	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	2,28E-08	•	(Literature)
Calcium [Fresh water]		1,25E-01	•	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	6,05E-03	•	(Literature) (No statement)
Calcium [Inorganic emissions to sea water]	Mass	1,45E-03	•	(,
Carbetamide [Pesticides to agricultural soil] Carbon (C14) [Radioactive emissions to air]	Mass	7,82E-08 5,64E+02	•	(No statement)
	Activity	,	•	(Literature)
Carbon (C14) [Radioactive emissions to fresh water] Carbon (unspecified) [Organic emissions to agricultural	Activity	1,20E-02	БЧ	(Calculated)
soil]	Mass	1,09E-04	ka	(No statement)
Carbon (unspecified) [Organic emissions to industrial	Mass	1,002 04	Ng	(No statement)
soil]	Mass	2,12E-04	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	8,71E+00	•	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	2,35E+01	kg	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	5,49E-05	•	(No statement)
Carbon monoxide (biotic) [Air]	Mass	2,97E-03	kg	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	5,50E-02	kg	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated				
organic emissions to air]	Mass	7,33E-08	kg	(No statement)
Carbon, organically bound [Organic emissions to fresh				
water]	Mass	2,78E-03	•	Calculated
Carbonate [Inorganic emissions to fresh water]	Mass	1,42E-04	•	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	9,54E-05	•	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	4,09E-04	•	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	1,25E-04	•	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	6,99E-05	•	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	1,66E-01	•	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	7,27E-05	•	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	2,16E-04		(Literature) (Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	5,61E-01		(,
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	1,07E+02	•	(No statement)
Cesium [Heavy metals to fresh water] Cesium [Heavy metals to sea water]	Mass	8,63E-08 4,03E-08	•	(No statement) (No statement)
Chemical oxygen demand (COD) [Analytical measures to	Mass	4,03E-00	ĸġ	(NO Statement)
fresh water]	Mass	9,70E-02	ka	(Literature)
Chemical oxygen demand (COD) [Analytical measures to		0,10202		()
sea water]	Mass	5,11E-03	kg	(No statement)
Chemical oxygen demand, CSB (Ecoinvent) [Fresh			-	
water]	Mass	4,12E-01	•	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	4,30E-04	•	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	6,70E-09	•	(Measured)
Chloride [Fresh water]	Mass	4,84E-03	•	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	1,91E-01	•	(Literature)
Chloride [Inorganic emissions to sea water]	Mass	2,02E-02	kg	(No statement)

LCI Data - Printed newspaper, European scenario

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Chlorinated hydrocarbons (unspecified) [Halogenated	Maaa	1 275 00	ka	Litoroturo
organic emissions to fresh water]	Mass	1,37E-09	0	Literature
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	2,87E-06	•	Literature
Chlorine [Inorganic emissions to agricultural soil]	Mass	4,76E-06	•	(No statement)
Chlorine [Inorganic emissions to air]	Mass	5,95E-05	•	(Literature)
Chlorine [Inorganic emissions to industrial soil] Chloromethane (methyl chloride) [Halogenated organic	Mass	4,06E-03	кд	(No statement)
emissions to air]	Mass	6,25E-13	ka	(No statement)
Chloromethane (methyl chloride) [Halogenated organic	111435	0,202 10	Ng	(No Statement)
emissions to fresh water]	Mass	4,80E-07	ka	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	1,92E-08	•	(No statement)
Chlorous dissolvent [Halogenated organic emissions to		,	0	(, , , , , , , , , , , , , , , , , , ,
fresh water]	Mass	2,22E-07	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to				
sea water]	Mass	1,81E-14	•	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	6,12E-06	Bq	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	1,67E-01	Bq	(No statement)
Chromium (unspecified) [Heavy metals to agricultural				
soil]	Mass	8,65E-07	•	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	1,45E-05	-	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	2,07E-07	0	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	5,08E-07	0	(No statement)
Chromium +III [Heavy metals to fresh water]	Mass	1,38E-07	0	(Literature)
Chromium +III [Heavy metals to industrial soil]	Mass	1,83E-06	0	Calculated
Chromium +VI [Fresh water]	Mass	4,16E-05	•	(No statement)
Chromium +VI [Heavy metals to air]	Mass	3,65E-07	•	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	2,28E-05	•	Literature
Chromium +VI [Heavy metals to industrial soil] Chromium containing slag [Hazardous waste for	Mass	7,81E-06	kg	(No statement)
disposal]	Mass	3,97E-19	kg	Calculated
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity	2,31E-03	•	(No statement)
Cobalt (Co58) [Radioactive emissions to air]	Activity	9,25E-06		(Literature)
Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	1,27E+00	•	(Literature)
Cobalt (Co60) [Radioactive emissions to air]	Activity	8,88E-05	•	(Literature)
Cobalt (Co60) [Radioactive emissions to fresh water]	Activity	1,04E+00	Bq	(Literature)
Cobalt [Fresh water]	Mass	5,19E-05	kg	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	3,07E-08	kg	(No statement)
Cobalt [Heavy metals to air]	Mass	1,29E-06	kg	(Literature)
Cobalt [Heavy metals to fresh water]	Mass	2,41E-07	kg	(No statement)
Cobalt [Heavy metals to sea water]	Mass	3,21E-09	kg	(No statement)
Cooling water [Waste for recovery]	Mass	1,40E+00	kg	(Measured)
Copper [Fresh water]	Mass	1,03E-03	kg	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	5,56E-07	kg	(No statement)
Copper [Heavy metals to air]	Mass	9,44E-06	kg	(Literature)
Copper [Heavy metals to fresh water]	Mass	3,35E-05	kg	(Literature)
Copper [Heavy metals to industrial soil]	Mass	6,79E-06	kg	Calculated
Copper [Heavy metals to sea water]	Mass	8,08E-08	kg	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	1,39E-05	•	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh		-	Ū	, ,
water]	Mass	3,35E-05	kg	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh			_	_
water]	Activity	3,12E-04	•	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	3,63E-05	•	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	9,81E-05	•	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	1,49E-07	kg	(No statement)

Flags Outputs	0	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	3,83E-08	•	(No statement)
Cypermethrin [Pesticides to agricultural soil] Detergent (unspecified) [Other emissions to fresh water]	Mass Mass	1,69E-09 3,68E-12	•	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated	Mass	3,000-12	kg	(Literature)
organic emissions to air]	Mass	1,44E-05	kg	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated	Made	1,112 00	Ng	
organic emissions to fresh water]	Mass	3,37E-05	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated			-	
organic emissions to air]	Mass	1,84E-10	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated				
organic emissions to fresh water]	Mass	1,79E-06	0	(No statement)
Dichromate [river]	Mass	2,06E-07	kg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC to air]	Mass	5,53E-19	kg	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	7,16E-04	•	(No statement)
Different pollutants [Other emissions to agricultural soil]	Mass	5,96E-04	•	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	5,90L-04 5,21E-09	•	(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	3,63E-01	kg	(No statement)
Dross [Waste for recovery]	Mass	3,03E-01 8,09E-11	kg	(Measured)
	Mass	1,75E-02	•	(No statement)
Dust (> PM10) [Particles to air]	Mass	1,17E-02	•	Literature
Dust (combustion) [Particles to air]	Mass	3,93E-03	•	
Dust (PM2,5 - PM10) [Particles to air]	Mass	3,93E-03 7,47E-03	•	(No statement)
Dust (PM2.5) [Particles to air] Dust (unspecified) [Particles to air]	Mass	1,57E-03	•	(No statement) (Literature)
	Mass	7,26E-04	•	· ,
Ethane [Group NMVOC to air]	Mass	1,29E-04	•	(Literature) (Literature)
Ethanol [Group NMVOC to air] Ethene (ethylene) [Group NMVOC to air]	Mass	1,29E-05	•	Calculated
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	4,66E-06	•	(No statement)
Ethine (acetylene) [Group NMVOC to air]	Mass	4,00E-00 2,14E-05	•	(No statement)
Ethyl benzene [Group NMVOC to air]	Mass	2,14E-05 4,11E-06	•	(Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	2,64E-06	•	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	2,04Ľ-00 9,67E-07	0	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	2,42E-07	•	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	5,78E-09	•	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	8,03E-06		(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	1,95E-05	•	(No statement)
Exhaust [Other emissions to air]	Mass	-1,01E+00	0	(Calculated)
Fatty acid, free [Materials from renewable raw materials]	Mass	1,06E-03	0	Estimated
Fatty acids (calculated as total carbon) [Hydrocarbons to	Mass	1,002 00	Ng	Estimated
fresh water]	Mass	3,17E-04	kg	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to		,	0	(,
sea water]	Mass	2,42E-04	kg	(No statement)
Fenpiclonil [Pesticides to agricultural soil]	Mass	1,58E-08	kg	(No statement)
Filter dust (heavy fuel oil power plant) [Waste for				- · · ·
recovery]	Mass	3,62E-09	•	Calculated
Filter dust [Hazardous waste]	Mass	6,97E-09	•	Calculated
Fluoride (unspecified) [Inorganic emissions to air]	Mass	3,10E-07	•	(Literature)
Fluoride [Fresh water]	Mass	1,02E-04	•	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	-2,73E-05	•	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	8,82E-06	•	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	6,28E-06	•	(No statement)
Fluorides [Inorganic emissions to air]	Mass	6,63E-08	-	(Calculated)
Fluorine [Inorganic emissions to air]	Mass	2,80E-06	•	Literature
Fluorine [Inorganic emissions to fresh water]	Mass	1,73E-08	kg	(Calculated)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Fly ash (unspecified) [Waste for recovery]	Mass	-2,59E-03	•	(Calculated)
Formaldehyde (methanal) [Group NMVOC to air]	Mass	5,99E-05	•	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	4,15E-05	•	(No statement)
Furnace clinker [Waste for recovery]	Mass	7,43E-14	•	Calculated
Glutaraldehyde [Hydrocarbons to sea water]	Mass	1,40E-07	•	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	8,82E-08	•	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	9,72E-07	•	(No statement)
Gypsum (contaminated) [Waste for recovery]	Mass	4,65E-03	0	Literature
Gypsum (FDI) [Waste for recovery]	Mass	-1,43E-03	•	(Calculated)
Gypsum [Waste for recovery]	Mass	7,43E-06	кд	(Calculated)
Halogenated hydrocarbons (unspecified) [Halogenated organic emissions to air]	Mass	1,31E-11	ka	Literature
Halon (1211) [Halogenated organic emissions to air]	Mass	1,52E-07	•	(No statement)
Halon (1211) [Halogenated organic emissions to air]	Mass	1,28E-07	•	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	1,18E-02	•	(Literature)
Hazardous waste for recovery (unspec.) [Hazardous	111222	1,100-02	ĸġ	(Literature)
waste for recovery]	Mass	3,34E-02	ka	Literature
Heat from natural gas [Flows]	Energy	8,16E-11	MJ	Calculated
Heat from oil [Flows]	Energy	7,35E-10		Measured
Heat from waste [Flows]	Energy	9,31E-10		(Literature)
Heavy fuel oil [Crude oil products]	Mass	1,29E-09		Calculated
Heavy metals to water (unspecified) [Heavy metals to	Mass	1,202 00	Ng	Calculated
fresh water]	Mass	3,35E-08	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	2,18E-05	•	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	2,70E-05	•	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated		,	0	(,
organic emissions to air]	Mass	3,76E-09	kg	(No statement)
Hexaflourosilicates [Air]	Mass	1,81E-07	kg	(No statement)
Hexaflourosilicates [Sweet-]	Mass	3,25E-07	kg	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	1,53E-04	kg	(Literature)
Highly radioactive waste [Radioactive waste]	Mass	6,76E-08	kg	Calculated
Highly-active fission product solution [Radioactive waste]	Mass	1,59E-10	kg	(Calculated)
Housing (E-Paper) [Flows]	Mass	1,57E-03	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to fresh				
water]	Mass	1,54E-05	-	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	2,12E-05	kg	(No statement)
Hydrocarbons (unspecified) [Organic emissions to air				
(group VOC)]	Mass	1,38E-03	•	Literature
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	2,28E-05	kg	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]	Mass	9,52E-07	ka	(No statement)
Hydrocarbons, halogenated [Halogenated organic	111222	9,522-07	ĸġ	(NU Statement)
emissions to air]	Mass	1,65E-07	ka	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	3,32E+03	0	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	2,46E+04	•	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	2,22E+05	•	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	5,44E-04	•	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	2,43E-16	•	Measured
Hydrogen chloride [Inorganic emissions to air]	Mass	1,01E-03	•	(Literature)
Hydrogen cyanide (prussic acid) [Inorganic emissions to	111233	1,012 00	Ng	(Enclature)
air]	Mass	3,30E-11	ka	Calculated
Hydrogen fluoride (hydrofluoric acid) [Inorganic			5	
emissions to fresh water]	Mass	7,50E-13	kg	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	2,30E-04	kg	(Literature)
Hydrogen peroxide [Sweet-]	Mass	1,05E-04	kg	(No statement)
-			-	

	•	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Hydrogen sulphide [Fresh water]	Mass	5,60E-04	-	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	1,12E-04	•	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	1,96E-07	•	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	3,16E-07	0	(No statement)
Hypochlorite [Inorganic emissions to fresh water]	Mass	6,86E-06	•	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	7,70E-06		(No statement)
Iliad Module (E-Paper) [Flows]	Mass	5,95E-10	kg	(Estimated)
Incineration good [Waste for disposal]	Mass	9,23E-08	•	(No statement)
Industrial waste for municipal disposal [Consumer waste]	Mass	1,16E-05	•	(Literature)
inert chemical waste [Consumer waste]	Mass	2,09E-07	•	(Literature)
Inert gases [Radioactive emissions to air]	Activity	5,51E+06	Bq	(No statement)
Inorganic salts and acids (unspecified) [Inorganic				
emissions to fresh water]	Mass	5,93E-04	•	Literature
lodide [Fresh water]	Mass	2,95E-10	•	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	9,24E-06	•	(No statement)
lodide [Inorganic emissions to sea water]	Mass	4,03E-06	•	(No statement)
lodine (I129) [Radioactive emissions to air]	Activity	5,74E-01	•	Calculated
lodine (I129) [Radioactive emissions to fresh water]	Activity	3,43E-02		(Calculated)
lodine (I131) [Radioactive emissions to air]	Activity	2,53E+01		(Literature)
lodine (I131) [Radioactive emissions to fresh water]	Activity	2,95E-02	Bq	(Literature)
lodine (I133) [Radioactive emissions to air]	Activity	4,71E-04	Bq	(No statement)
lodine (I133) [Radioactive emissions to fresh water]	Activity	6,43E-04	Bq	(No statement)
lodine [Inorganic emissions to air]	Mass	6,15E-06	kg	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	1,77E-04	Bq	(No statement)
Iron [Fresh water]	Mass	1,94E-02	kg	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	9,97E-05	kg	(No statement)
Iron [Heavy metals to air]	Mass	7,01E-05	kg	(Literature)
Iron [Heavy metals to fresh water]	Mass	8,14E-03	kg	(Literature)
Iron [Heavy metals to industrial soil]	Mass	1,98E-03	kg	(No statement)
Iron [Heavy metals to sea water]	Mass	2,19E-06	kg	(No statement)
Isocyanide acid [Air]	Mass	2,53E-06	-	(No statement)
Jacket and body material [Radioactive waste]	Mass	9,55E-11	-	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	9,05E+03	•	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	8,89E+00	•	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	3,70E+00		(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	3,57E+00		(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	8,68E-01	•	(No statement)
Lanthanides [Heavy metals to air]	Mass	-1,25E-11	•	(Calculated)
Lanthanum (La140) [Radioactive emissions to fresh		-,		(
water]	Activity	1,09E-03	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	3,36E-05	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	2,66E+00	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	1,20E+00	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	5,15E-01	-	(No statement)
Lead [Fresh water]	Mass	4,59E-04	ka	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	2,09E-07	•	(No statement)
Lead [Heavy metals to air]	Mass	1,70E-05	•	(Literature)
Lead [Heavy metals to fresh water]	Mass	9,82E-05	-	(Literature)
Lead [Heavy metals to industrial soil]	Mass	2,86E-06	-	Calculated
Lead [Heavy metals to sea water]	Mass	3,75E-07	•	(No statement)
Li-lon Cell [Other parts]	Mass	7,95E-11	•	Literature
Linuron [Pesticides to agricultural soil]	Mass	3,37E-06	-	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	1,60E-08	•	(Calculated)
בוקטום המבטוסטים שנסום (המבטוסטים שנסום)	Madd	1,002 00	мя	(Saloulatou)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Liquid waste [Consumer waste]	Mass	1,55E-06	-	(Calculated)
Lithiumerz (R.O.M) [Non renewable resources]	Mass Mass	1,48E-06	•	(Literature)
Magnesium [Fresh water] Magnesium [Inorganic emissions to fresh water]	Mass	1,30E-02 9,75E-04	0	(No statement) (Literature)
Magnesium [Inorganic emissions to resh water]	Mass	9,75E-04 2,23E-04	•	(No statement)
Magnesium chloride [Inorganic emissions to sea water]	Mass	1,76E-14	•	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	2,50E-08	•	(No statement)
Manganese (Mn54) [Radioactive emissions to air]	Activity	2,30E-06 3,13E-06	•	(No statement)
Manganese (Mn54) [Radioactive emissions to firsh	Activity	5,152-00	БЧ	(NO Statement)
water]	Activity	8,83E-02	Bq	(Literature)
Manganese [Fresh water]	Mass	3,49E-03	kg	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	2,99E-05	kg	(No statement)
Manganese [Heavy metals to air]	Mass	1,06E-05	kg	(Calculated)
Manganese [Heavy metals to fresh water]	Mass	1,32E-04	kg	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	2,82E-06	kg	(No statement)
Manganese [Heavy metals to sea water]	Mass	1,79E-06	kg	(No statement)
Medium and low radioactive liquid waste [Radioactive				
waste]	Mass	2,26E-10	•	(Calculated)
Medium and low radioactive wastes [Radioactive waste]	Mass	8,03E-08	•	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	3,68E-12	•	(Literature)
Mercury [Fresh water]	Mass	5,50E-07	-	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	3,82E-09	•	(No statement)
Mercury [Heavy metals to air]	Mass	1,21E-06	•	(Literature)
Mercury [Heavy metals to fresh water]	Mass	4,47E-07	•	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	1,83E-08	0	Calculated
Mercury [Heavy metals to sea water]	Mass	2,05E-09	•	(No statement)
Metal ions (unspecific) [Fresh water] Metal ions (unspecific) [Inorganic emissions to fresh	Mass	8,63E-04	кд	(No statement)
water]	Mass	1,11E-06	ka	(Measured)
Metaldehyde [Organic emissions to agricultural soil]	Mass	1,46E-08	•	(No statement)
Metals (unspecified) [Particles to air]	Mass	1,43E-06	•	(Literature)
Metals (unspecified) [Particles to fresh water]	Mass	9,62E-06	•	(Literature)
Methane (biotic) [Air]	Mass	1,03E-01	kg	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	4,52E-02	•	(Literature)
Methanol [Group NMVOC to air]	Mass	5,67E-05	•	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	2,86E-06	kg	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	2,12E-06	kg	(No statement)
Methyl tert-butylether [Group NMVOC to air]	Mass	9,83E-08	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	1,52E-09	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	2,72E-07	kg	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	2,44E-05	kg	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	8,78E-10	kg	(No statement)
Mineral waste [Consumer waste]	Mass	1,45E-06	kg	Calculated
Molybdenum (Mo99) [Radioactive emissions to fresh	•		_	
water]	Activity	3,76E-04	•	(No statement)
Molybdenum [Fresh water]	Mass	8,24E-07	•	(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	7,83E-09	-	(No statement)
Molybdenum [Heavy metals to air]	Mass	6,29E-07	•	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	1,33E-05	•	(Literature)
Molybdenum [Heavy metals to sea water]	Mass	8,59E-09	•	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	3,93E-06	-	(No statement)
Municipal waste [Consumer waste]	Mass	-6,44E-07	-	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	2,59E-08	0	(No statement)
Natural gas LNG [Natural gas products]	Mass	3,32E-07	ĸy	(No statement)

	Quantity	Amount	Unit	Origin of data
Flow - Outputs Neutral salts [Inorganic emissions to fresh water]	Quantity Mass	-7,22E-07		Origin of data (Calculated)
Nickel [Fresh water]	Mass	1,89E-04	-	(No statement)
Nickel [Heavy metals to agricultural soil]	Mass	1,09E-04	•	(No statement)
Nickel [Heavy metals to air]	Mass	1,74E-05	0	(Literature)
Nickel [Heavy metals to fresh water]	Mass	9,96E-06	0	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	1,06E-06	•	Calculated
Nickel [Heavy metals to sea water]	Mass	3,00E-08	•	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	1,74E-02	•	(No statement)
Nitrate [Fresh water]	Mass	3,74E-04		(No statement)
Nitrate [Inorganic emissions to air]	Mass	2,99E-08	•	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	1,26E-02	•	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass	7,66E-05	•	(No statement)
Nitrite [Fresh water]	Mass	3,83E-05	•	(No statement)
Nitrite [Inorganic emissions to fresh water]	Mass	2,06E-05	•	(No statement)
Nitrite [Inorganic emissions to sea water]	Mass	1,44E-06	•	(No statement)
Nitrogen (as total N) [Inorganic emissions to fresh water]	Mass	2,26E-06	0	Literature
Nitrogen [Inorganic emissions to fresh water]	Mass	1,20E-03	•	(Literature)
Nitrogen [Inorganic emissions to sea water]	Mass	3,69E-07	•	(No statement)
Nitrogen monoxide [Inorganic emissions to air]	Mass	4,22E-04	•	Calculated
Nitrogen organic bounded [Fresh water]	Mass	1,15E-03	0	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh			0	· · · · · ·
water]	Mass	2,01E-04	kg	Literature
Nitrogen organic bounded [Inorganic emissions to sea				
water]	Mass	9,98E-06	•	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	8,14E-02	•	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	1,52E-03	•	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	1,99E-02	kg	(Literature)
non used primary energy from water power [Other	Energy	2 075 02	N# 1	Coloulated
emissions to fresh water] non used primary energy from wind power [Other	ren. Energy	2,07E-03	IVIJ	Calculated
emissions to air]	ren.	6,95E-04	MJ	(Calculated)
Occup. as Forest land [Hemeroby]	Areatime	2,85E-01		(No statement)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	7,20E-03		(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	1,57E-03	0	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	8,69E-03	. •	(No statement)
Oil (unspecified) [Organic emissions to industrial soil]	Mass	6,49E-05	-	Measured
Oil to ground [STFI-PF import]	Mass	3,40E-03	•	Literature
Orbencarb [Pesticides to agricultural soil]	Mass	4,74E-09	•	(No statement)
Organic chlorine compounds (unspecified) [Organic			C	, , , , , , , , , , , , , , , , , , ,
emissions to fresh water]	Mass	3,68E-12	kg	(Literature)
Organic chlorine compounds [Organic emissions to air				
(group VOC)]	Mass	3,68E-12	•	(Literature)
Organic waste [Consumer waste]	Mass	3,60E-04	0	Literature
Overburden [Stockpile goods]	Mass	4,05E-02	•	(Calculated)
Ozone [Inorganic emissions to air]	Mass	2,06E-04	кg	(No statement)
Pentachlorobenzene [Halogenated organic emissions to air]	Mass	4,92E-09	ka	(No statement)
Pentachlorophenol (PCP) [Halogenated organic	101833	4,322-03	ĸġ	(NO Statement)
emissions to air]	Mass	1,86E-07	ka	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	3,11E-04	•	(Estimated)
	Number of	·	5	. ,
Personal computer [Flows]	pieces	9,14E-16	pcs.	(No statement)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	9,81E-06	kg	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	1,93E-05	kg	(Literature)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	5,26E-06	kg	(No statement)

LCI Data - Printed newspaper, European scenario

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Phosphate [Fresh water]	Mass	5,99E-04	0	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	9,79E-05	•	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	8,68E-06	•	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	1,46E-05	0	(No statement)
Phosphorus [Inorganic emissions to air]	Mass Mass	1,60E-05	•	(No statement)
Phosphorus [Inorganic emissions to fresh water] Phosphorus [Inorganic emissions to industrial soil]	Mass	1,69E-04 3,51E-06	•	(No statement)
Phosphorus [Inorganic emissions to industrial soli] Phosphorus [Inorganic emissions to sea water]	Mass	3,51E-00 3,60E-07	•	(No statement) (No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	-	•	```
Platinum [Heavy metals to air]	Mass	2,10E-08 4,00E-13	•	(No statement) (No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	4,00E-13 5,37E-07	•	Calculated
Plutonium (Pu alpha) [Radioactive emissions to fresh		9,60E-04		(Calculated)
water] Riutonium (Ru228) [Radioactive emissions to air]	Activity	9,60E-04 7,82E-08	•	. ,
Plutonium (Pu238) [Radioactive emissions to air] Plutonium as residual product [Radioactive waste]	Activity Mass	1,35E-10	•	(No statement) Calculated
Polonium (Po210) [Radioactive emissions to air]	Activity	4,66E+00	•	
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	4,00E+00 1,20E+00		(No statement) (No statement)
Polonium (Po210) [Radioactive emissions to rest water] Polonium (Po210) [Radioactive emissions to sea water]	Activity		Bq Bq	```
Polychlorinated biphenyls (PCB unspecified)		7,85E-01		(No statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	3,16E-09	U	(No statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	4,73E-11	kg	(Literature)
[Halogenated organic emissions to fresh water] Polycyclic aromatic hydrocarbons (PAH) [Group PAH to	Mass	2,57E-22	kg	Estimated
air]	Mass	2,68E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.) [Hydrocarbons to fresh water] Polycyclic aromatic hydrocarbons (PAH, unspec.)	Mass	3,05E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.) [Hydrocarbons to sea water]	Mass	3,32E-07	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	1,74E-04	•	(Literature)
Potassium (K40) [Radioactive emissions to air]	Activity	5,77E-01	-	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	1,51E+00	•	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	6,22E-02	•	(No statement)
Potassium [Fresh water]	Mass	3,13E-02	•	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	5,20E-03	-	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	1,71E-04	•	(No statement)
Propane [Group NMVOC to air]	Mass	3,72E-04	•	(Literature)
Propene (propylene) [Group NMVOC to air]	Mass	4,14E-04	•	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	7,04E-05	•	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	9,31E-10	•	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	1,76E-06	0	(Estimated)
Propylene oxide [Group NMVOC to air]	Mass	3,12E-05	0	(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	7,51E-05	•	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air]	Activity	7,86E-02	•	(No statement)
Protactinium (Pa234m) [Radioactive emissions to fresh water]	Activity	1,45E+00		(No statement)
R 11 (trichlorofluoromethane) [Halogenated organic				
emissions to air] R 113 (trichlorofluoroethane) [Halogenated organic	Mass	8,77E-10	U	Literature
emissions to air] R 114 (dichlorotetrafluoroethane) [Halogenated organic	Mass	0,00E+00	kg	(No statement)
emissions to air] R 116 (hexafluoroethane) [Halogenated organic	Mass	1,39E-07	kg	Literature
emissions to air]	Mass	1,55E-07	kg	Literature

Flow - Outputs	Quantity	Amount	Unit	Origin of data
R 12 (dichlorodifluoromethane) [Halogenated organic emissions to air] R 124 (chlorotetrafluoroethane) [Halogenated organic	Mass	4,50E-09	kg	Literature
emissions to air] R 13 (chlorotrifluoromethane) [Halogenated organic	Mass	0,00E+00	kg	(No statement)
emissions to air] R 134a (tetrafluoroethane) [Halogenated organic	Mass	1,18E-10	kg	Literature
emissions to air] R 21 (Dichlorofluoromethane) [Halogenated organic	Mass	4,38E-06	kg	(No statement)
emissions to air] R 22 (chlorodifluoromethane) [Halogenated organic	Mass	8,13E-15	kg	(No statement)
emissions to air] R 23 (trifluoromethane) [Halogenated organic emissions	Mass	6,98E-07	kg	Literature
to air] Radioactive emissions (general) [Radioactive emissions	Mass	2,59E-12	kg	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	1,43E-01	Bq	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	3,29E+00		(No statement)
to fresh water]	Activity	5,58E+02		(No statement)
Radioactive tailings [Radioactive waste]	Mass	4,00E-05	kg	Calculated
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	4,31E+00	Bq	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	2,01E+00	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	3,23E+00	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	9,16E+02	Bq	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	3,80E+00	•	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	3,61E-01	•	(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	8,63E+00	•	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	4,03E+00	•	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	1,85E-02	•	(No statement)
Radon (Rn222) [Air]	Activity	1,02E+07	•	(No statement)
Radon (Rn222) [Radioactive emissions to air]	Activity	2,43E+05	•	(Literature)
Radon (Rn-daughter nukleade) [Radioactive emissions to air]	Activity	4,77E-10		(No statement)
Red mud (wet) (3% NaOH) [Hazardous waste for disposal]	Mass	3,61E-08		Measured
Rolling gravel [Waste for recovery]	Mass	1,19E-11	-	Measured
Rolling tinder [Waste for recovery]	Mass	3,61E-13	•	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	1,32E-06	0	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air]	Activity	8,17E-08	•	(No statement)
Ruthenium (Ru103) [Radioactive emissions to fresh	Activity	0,17 -00	ЪЧ	(NO Statement)
water] Ruthenium (Ru106) [Radioactive emissions to fresh	Activity	7,94E-05	Bq	(No statement)
water]	Activity	2,35E-04	Bq	Calculated
Salt slag [Waste for recovery]	Mass	7,82E-10	•	Calculated
Scandium [Fresh water]	Mass	2,44E-06	•	(No statement)
Scandium [Inorganic emissions to air]	Mass	5,61E-09	•	(Calculated)
Scandium [Inorganic emissions to fresh water]	Mass	5,86E-07	•	(No statement)
Selenium [Fresh water]	Mass	2,38E-06	•	(No statement)
Selenium [Heavy metals to air]	Mass	1,58E-06	•	(Literature)
Selenium [Heavy metals to fresh water]	Mass	1,98E-06	-	(Literature)
Selenium [Heavy metals to sea water]	Mass	1,29E-08	•	(No statement)
Sewage sludge (waste water processing) [Hazardous	Mass	1,202-00	1.9	
waste]	Mass	2,03E-08	kg	Calculated
Silicate particles [Inorganic emissions to fresh water]	Mass	3,75E-17	•	Measured
Silicium tetrafluoride [Inorganic emissions to air]	Mass	4,68E-10	•	(No statement)
		.,002 10		

LCI Data - Printed newspaper, European scenario

Flow CoupusGuardingAndivityAndi		Quantity	Amount	llnit	Origin of data
Silver (Åg110m) [Radioactive emissions to fresh water]Activity8.88E-01BQChierature)Silver [Heavy metals to agricultural soil]Mass2,36E-06kg(No statement)Silver [Heavy metals to agricultural soil]Mass1,30E-11kg(No statement)Silver [Heavy metals to resh water]Mass1,32E-05kg(Literature)Silver [Heavy metals to resh water]Mass4,31E-06kg(No statement)Silver [Heavy metals to reso very]Mass4,31E-06kg(Calculated)Siluge (finities, spent bleaching agent) [Waste for recovery]Mass1,11E-05kg(Literature)Suluge (finities, spent bleaching agent) [Waste for recovery]Mass1,28E-04kgCalculatedSuluge (finities, spent bleaching agent) [Waste for recovery]Mass1,28E-02kg(No statement)Sodium (Inorganic emissions to fresh water]Mass1,28E-02kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,28E-02kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,28E-02kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,28E-04kg(No statement)Sodium normate [high population density]Mass1,28E-04kg(No statement)Sodium formate [high population density]Mass1,28E-04kg(No statement)Sodium formate [high population density]Mass1,28E-04kg(No statement)Sodium forma	Flow - Outputs Silver (Ag110m) [Padiagetive emissions to gir]			Unit Ba	Origin of data
Silver [Fresh water]Mass2,86E-06kg(No statement)Silver [Heavy metals to agricultural soil]Mass2,92E-09kg(No statement)Silver [Heavy metals to agricultural soil]Mass1,02E-17kg(No statement)Silver [Heavy metals to sea water]Mass1,02E-17kg(No statement)Silver [Heavy metals to sea water]Mass4,61E-06kg(No statement)Silg [Hazardous waste]Mass4,33E-05kg(Calculated)Siludg (tron processing) [Waste for recovery]Mass1,58E-04kgCalculatedSudge (tionis, spent bleaching agent) [Waste forMass1,58E-04kgCalculatedSudge (trom processing) [Waste for recovery]Mass1,22E-02kg(No statement)Sodium (Na24) [Radioactive emissions to fresh water]Mass1,22E-02kg(No statement)Sodium [Inorganic emissions to resh water]Mass1,22E-02kg(No statement)Sodium [Inorganic emissions to resh water]Mass1,26E-07kg(No statement)Sodium formate [high population density]Mass1,26E-07kg(No statement)Solids (usopended) [Particles to fresh water]Mass2,16E-07kg(No st		•		•	· ,
Silver [Heavy metals to agricultural soil]Mass2,22E-09Kg(No statement)Silver [Heavy metals to tresh water]Mass1,30E-11Kg(Literature)Silver [Heavy metals to resh water]Mass2,42E-08Kg(No statement)Silag (Irn plate production) [Waste for recovery]Mass4,31E-05Kg(Literature)Sildge (Thinks, spent bleaching agent) [Waste forMass1,11E-05Kg(Literature)Sildge (Thinks, spent bleaching agent) [Waste forMass1,28E-02Kg(No statement)Soldung (Frence waste)Mass1,28E-02Kg(Literature)Soldung (Frence waste)Mass1,28E-02Kg(No statement)Sodium [Inorganic emissions to fresh water]Mass4,78E-03Kg(No statement)Sodium (Inorganic emissions to sea water]Mass1,28E-02Kg(No statement)Sodium (Inorganic emissions to sea water]Mass1,76E-07Kg(No statement)Sodium formate [high population density]Mass1,76E-07Kg(No statement)Sodium formate [high population density]Mass1,76E-07Kg(Literature)Solids (suspended) [Aralytical measures to fresh water]Mass2,74E-02Kg(Literature)Solids (suspended) [Aralytical measures to fresh water]Mass2,74E-02Kg(Literature)Solids (suspended) [Particles to resh water]Mass2,74E-02Kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,74		•		•	()
Silver [Heavy metals to air]Mass1,80E-11Kg(No statement)Silver [Heavy metals to fresh water]Mass1,02E-07Kg(Literature)Silver [Heavy metals to fresh water]Mass1,02E-07Kg(No statement)Silg (Hazardous waste)Mass4,61E-06KgMasuredSilag (Hazardous waste)Mass4,33E-05Kg(Calculated)Silag (Hazardous waste)Mass1,58E-04kgCalculatedSludge (from processing) [Waste for recovery]Mass1,58E-04kgCalculatedSludge (from processing) [Waste for recovery]Mass1,28E-02kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Mass1,28E-02kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,28E-02kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,28E-02kg(No statement)Sodium chiorate [high population density]Mass1,78E-07Kg(No statement)Sodium chiorate [high population density]Mass1,78E-07Kg(No statement)Sodium formate [hydrocarbons to fresh water]Mass1,78E-06Kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,74E-02Kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02Kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,71E-02Kg(No statement)Soli				-	```
Silver [Heavy metals to fresh water]Mass1,02E-07kg(Literature)Silver [Heavy metals to sea water]Mass2,42E-08kg(No statement)Silag (Inon plate production) [Waste for recovery]Mass4,61E-06kgMeasuredSilag (Vaste for recovery]Mass1,11E-05kg(Literature)Siludge (fibrils, spent bleaching agent) [Waste formass1,58E-04kgCalculatedSiludge (from processing) [Waste for recovery]Mass1,92E-02kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Mass1,92E-02kg(No statement)Sodium [Inorganic emissions to fresh water]Mass4,79E-03kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,23E-07kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,23E-07kg(No statement)Sodium formate [high population density]Mass1,23E-02kg(No statement)Sodium formate [high population density]Mass3,94E-05kg(No statement)Solids (suspended) [Particles to fresh water]Mass2,73E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass2,74E-02kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to fresh water]Mass4,68E-12kgCalculatedStrontium (Sr09) [Radioactive emissions to fresh water				-	,
Silver [Heavy metals to sea water]Mass2,42E-08kg(No statement)Slag [Hazardous waste]Mass4,61E-06kg(Calculated)Slag [Hazardous waste]Mass1,11E-05kg(Calculated)Sludge (finding, spent bleaching agent) [Waste forMass1,58E-04kgCalculatedSludge (finding, spent bleaching agent) [Waste for recovery]Mass1,58E-04kgCalculatedSoludge (finding, spent bleaching agent) [Waste for recovery]Mass1,92E-02kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Mass1,92E-02kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,22E-02kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,76E-07kg(No statement)Sodium forhate [high population density]Mass1,76E-07kg(No statement)Sodium fornate [high population density]Mass2,74E-02kg(Literature)Solids (suspended) [Fresh water]Mass2,74E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass4,03E-03kg(No statement)Solids (suspended) [Particles to aga water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass <td></td> <td></td> <td></td> <td>•</td> <td>,</td>				•	,
Slag (Iron plate production) [Waste for recovery]Mass4,61E-06kgMeasuredSlag (Hazardous waste)Mass4,33E-05kg(Calculated)Sludge (fibrils, spent bleaching agent) [Waste forMass1,11E-05kg(Literature)Sludge (from processing) [Waste for recovery]Mass1,58E-04kgCalculatedSludge (from processing) [Waste for recovery]Mass1,92E-02kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Mass1,92E-02kg(Interature)Sodium [Inorganic emissions to resh water]Mass1,23E-04kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,23E-04kg(No statement)Sodium chlorate [high population density]Mass1,76E-07kg(No statement)Sodium formate [high population density]Mass3,94E-05kg(No statement)Sodius (suspended) [Fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Fresh water]Mass2,74E-02kg(Literature)Solids (suspended) [Fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Fresh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to resh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to resh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to resh water]Mass2,22E-04kg(No s				•	. ,
Slag [Hazardous waste]Mass4,33E-05kg(Calculated)Slag (Waste for recovery]Mass1,11E-05kg(Literature)Sludge (Fibris, spent bleaching agent) [Waste for recovery]Mass1,58E-04kgCalculatedSludge (Imor processing) [Waste for recovery]Mass1,92E-02kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Mass1,92E-02kg(Interature)Sodium [Inorganic emissions to fresh water]Mass1,23E-02kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,23E-02kg(No statement)Sodium (Inorganic emissions to sea water]Mass1,26E-07kg(No statement)Sodium dichromate [high population density]Mass1,76E-07kg(No statement)Sodium formate [high population density]Mass3,94E-05kg(No statement)Solids (suspended) [Fresh water]Mass2,14E-02kg(Literature)Solids (suspended) [Fresh water]Mass2,14E-03kg(No statement)Solids (suspended) [Fresh water]Mass1,71E-02kg(Calculated)Stontium (Sr89) [Radioactive emissions to fresh water]Mass1,86E-12kg(Calculated)Stontium (Sr89) [Radioactive emissions to sea water]Mass2,27E-04kg(No statement)Stontium (Sr89) [Radioactive emissions to sea water]Mass2,27E-04kg(No statement)Stontium (Sr89) [Radioactive emissions to sea water]Mass </td <td></td> <td></td> <td></td> <td>•</td> <td>· /</td>				•	· /
Slag [Waste for recovery]Mass1,11E-05 kg(Literature)Sludge (fibrils, spent bleaching agent) [Waste forMass1,58E-04 kgCalculatedSludge (from processing) [Waste for recovery]Mass1,28E-02 kgCalculatedSludge [Hazardous waste]Mass1,28E-02 kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Mass4,79E-03 kg(No statement)Sodium (Inorganic emissions to fresh water]Mass5,21E-02 kg(No statement)Sodium (Inorganic emissions to sea water]Mass1,28E-02 kg(No statement)Sodium (Inorganic emissions to fresh water]Mass1,76E-07 kg(No statement)Sodium chromate [high population density]Mass1,76E-07 kg(No statement)Sodium formate [high population density]Mass3,94E-05 kg(No statement)Solids (dissolved) [Analytical measures to fresh water]Mass2,76E-02 kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02 kg(Literature)Solids (suspended) [Particles to sea water]Mass1,76E-02 kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,76E-02 kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,71E-02 kg(No statement)Solids (suspended) [Particles to resh water]Mass1,71E-02 kg(No statement)Steam [Inorganic emissions to area water]Mass1,71E-02 kg(No statement)Steam [Inorganic emissions to fresh water]Mass2,			-	•	
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recovery]Mass1,58E-04 kgCalculatedSludge (from processing) [Waste for recovery]Mass2,44E-07 kgCalculatedSolium (Na24) [Radioactive emissions to fresh water]Mass1,92E-02 kg(Literature)Sodium [Inorganic emissions to fresh water]Mass4,79E-03 kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,22E-02 kg(Literature)Sodium [Inorganic emissions to sea water]Mass1,22E-07 kg(No statement)Sodium chlorate [high population density]Mass1,76E-07 kg(No statement)Sodium formate [high population density]Mass1,74E-07 kg(No statement)Sodium formate [high population density]Mass3,94E-05 kg(No statement)Solids (dissolved) [Analytical measures to fresh water]Mass2,73E-02 kgLiteratureSolids (suspended) [Particles to fresh water]Mass1,71E-02 kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02 kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,86E-12 kgCalculatedSteam [Inorganic emissions to air]Mass2,27E-04 kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,86E-12 kg(No statement)Storntium (Sr49) [Radioactive emissions to fresh water]Activity1,91E-02 kg(No statement)Storntium (Sr49) [Radioactive emissions to sea water]Activity1,91E-02 kg(No statement)Strontium (Fresh water]Mass2,27E-04 kg <td>••• •••</td> <td>Mass</td> <td>1,112 00</td> <td>Ng</td> <td>(Enclatato)</td>	••• •••	Mass	1,112 00	Ng	(Enclatato)
Sludge (from processing) [Waste for recovery]Mass2,44E-07kgCalculatedSludge [Hazardous waste]Mass1,92E-02kg(Literature)Sodium (IA24) [Radioactive emissions to fresh water]Mass4,79E-03kg(No statement)Sodium [Inorganic emissions to fresh water]Mass4,79E-03kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,23E-02kg(No statement)Sodium chorate [high population density]Mass1,76E-07kg(No statement)Sodium dichromate [high population density]Mass1,76E-07kg(No statement)Sodium formate [high population density]Mass1,76E-07kg(No statement)Sodium formate [high population density]Mass3,94E-05kg(No statement)Solids (slospended) [Particles to fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to a water]Mass1,86E-12kg(Calculated)Steam [Inorganic emissions to air]Mass4,68E+02kg(No statement)Steam [Inorganic emissions to air]Mass4,68E+02kg(No statement)Steam [Inorganic emissions to sea water]Activity6,89E+02kg(Literature)Strontium (Sr80) [Radioactive emissions to fresh water]Activity <td></td> <td>Mass</td> <td>1,58E-04</td> <td>ka</td> <td>Calculated</td>		Mass	1,58E-04	ka	Calculated
Sludge [Hazardous waste]Mass1,92E-02kg(Literature)Sodium (Na24) [Radioactive emissions to fresh water]Activity2,85E-03kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,23E-02kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,22E-02kg(No statement)Sodium chorate [high population density]Mass1,22E-02kg(No statement)Sodium chorate [high population density]Mass1,76E-07kg(No statement)Sodium formate [hydrocarbons to fresh water]Mass1,64E-05kg(No statement)Solids (dissolved) [Analytical measures to fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,74E-02kg(Literature)Solids (suspended) [Particles to sea water]Mass2,74E-02kg(Literature)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steel works slag [Waste for recovery]Mass4,03E-04kg(No statement)Strontium (Sr90) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium [Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass4,54E-04kg(No statement)Strontium [Heavy metals to industrial soil]<				•	
Sodium (Na24) [Radioactive emissions to fresh water]Activity2,85E-03Bq(No statement)Sodium [Irresh water]Mass4,79E-03kg(No statement)Sodium [Inorganic emissions to fresh water]Mass1,23E-02kg(No statement)Sodium [Inorganic emissions to sea water]Mass1,23E-02kg(No statement)Sodium chorate [high population density]Mass1,7EE-07kg(No statement)Sodium chormate [high population density]Mass1,64E-05kg(No statement)Sodium formate [high population density]Mass1,64E-05kg(No statement)Solidos (dissolved) [Analytical measures to fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Farsh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to sea water]Mass1,71E-02kg(No statement)Steel works slag [Waste for recovery]Mass1,86E-12kgCalculatedStrontium (Sr90) [Radioactive emissions to fresh water]Activity1,19E-01Bq(No statement)Strontium [Heavy metals to agricultural soil]Mass2,32E-04kg(No statement)Strontium [Heavy metals to fresh water]Mass3,34E-05kg(No statement)Strontium [Heavy metals to fresh water] <td></td> <td></td> <td></td> <td>0</td> <td></td>				0	
Sodium [Fresh water]Mass4,79E-03kg(No statement)Sodium [Inorganic emissions to sea water]Mass5,21E-02kg(Literature)Sodium chorate [high population density]Mass1,23E-02kg(No statement)Sodium formate [high population density]Mass1,7E-07kg(No statement)Sodium formate [high population density]Mass1,6E+07kg(No statement)Sodium formate [high population density]Mass1,6E+05kg(No statement)Sodium formate [high population density]Mass2,73E+02kgLiteratureSolids (dissolved) [Analytical measures to fresh water]Mass2,73E+02kgLiteratureSolids (suspended) [Particles to fresh water]Mass1,71E+02kg(Literature)Solids (suspended) [Particles to arlMass4,03E+03kg(No statement)Solids (suspended) [Particles to arlMass4,03E+02kg(Literature)Solids (suspended) [Particles to arlMass4,08E+02kg(No statement)Stean [Inorganic emissions to air]Mass1,86E+12kgCalculated)Strontium (Sr90) [Radioactive emissions to fresh water]Activity6,89E+02Bq(No statement)Strontium (Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass7,3E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass7,3E-04kg(No statement) <td>• •</td> <td></td> <td></td> <td>•</td> <td>· ,</td>	• •			•	· ,
Sodium [Inorganic emissions to fresh water]Mass5,21E-02kg(Literature)Sodium chlorate [high population density]Mass1,76E-07kg(No statement)Sodium chlorate [high population density]Mass1,76E-07kg(No statement)Sodium formate [high population density]Mass1,64E-05kg(No statement)Sodium formate [Hydrocarbons to fresh water]Mass3,94E-05kg(No statement)Solids (dissolved) [Analytical measures to fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Fresh water]Mass2,71E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to sea water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to recovery]Mass1,86E-12kg(Calculated)Strontium (Sr89) [Radioactive emissions to fresh water]Activity6,89E+02Bq(Literature)Strontium (Sr90) [Radioactive emissions to sea water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass2,32E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass2,32E-04kg(No statement)Strontium [Heavy metals to sea water]Mass3,32E-06kg(No statement)Strontium [Heavy met		•		•	, ,
Sodium [Inorganic emissions to sea water]Mass1,2E-02kg(No statement)Sodium chorate [high population density]Mass1,7E-07kg(No statement)Sodium chorate [high population density]Mass1,6E-05kg(No statement)Sodium formate [high population density]Mass1,6E-05kg(No statement)Solids (dissolved) [Analytical measures to fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,74E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Solids (suspended) [Particles to reso water]Mass1,86E-12kgCalculated)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculatedStrontium (Sr90) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,19E+01Bq(No statement)Strontium [Heavy metals to agricultural soil]Mass5,33E-04kg(No statement)Strontium [Heavy metals to fresh water]Mass2,4E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass5,33E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass2,4E-04kg(No statement)Strontium [Heavy metals				0	```
Sodium chlorate [high population density]Mass1,76E-07kg(No statement)Sodium dichromate [high population density]Mass4,71E-07kg(No statement)Sodium formate [high population density]Mass1,64E-05kg(No statement)Sodium formate [Hydrocarbons to fresh water]Mass2,73E-02kg(Literature)Solids (dissolved) [Analytical measures to fresh water]Mass2,73E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass4,03E-03kg(No statement)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steal works slag [Waste for recovery]Mass1,86E-12kgCalculated)Strontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E+02Bq(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to industrial soil]Mass3,24E-06kg(No statement) <td< td=""><td></td><td></td><td></td><td>•</td><td>· ,</td></td<>				•	· ,
Sodium dichromate [high population density]Mass4,71E-07kg(No statement)Sodium formate [high population density]Mass1,64E-05kg(No statement)Sodium formate [hydrocarbons to fresh water]Mass3,94E-05kg(No statement)Solid oss by erosion into water [Particles to fresh water]Mass2,73E-02kgLiterature)Solids (suspended) [Fresh water]Mass2,71E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(No statement)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass-2,66E-02kg(Calculated)Strontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium [Heavy metals to agricultural soil]Mass2,27E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to industrial soil]Mass2,42E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass3,24E-06kg(Calculated)Strontium [Inorganic emissions to fresh water]Mass3,24E-06kg(No statement) <td></td> <td></td> <td></td> <td>•</td> <td>,</td>				•	,
Sodium formate [hiph population density]Mass1,64E-05kg(No statement)Sodium formate [Hydrocarbons to fresh water]Mass3,94E-05kg(No statement)Soil loss by erosion into water [Particles to fresh water]Mass2,73E-02kgLiteratureSolids (dissolved) [Analytical measures to fresh water]Mass2,74E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculated)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculatedStrontium (Sr40) [Radioactive emissions to fresh water]Activity6,98E+02Bq(No statement)Strontium [Sr40) [Radioactive emissions to sea water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass3,33E-04kg(No statement)Strontium [Heavy metals to iresh water]Mass2,42E-04kg(No statement)Strontium [Heavy metals to iresh water]Mass2,42E-04kg(No statement)Strontium [Heavy metals to iresh water]Mass2,32E-06kg(No statement)Strontium [Heavy metals to iresh water]Mass2,32E-04kg(No statement)Strontium [Heavy metals to iresh water]Mass2,32E-04kg(No statement)Strontium [Heavy metals		Mass		0	```
Sodium formate [Hydrocarbons to fresh water]Mass3,94E-05kg(No statement)Soil loss by erosion into water [Particles to fresh water]Mass2,73E-02kgLiteratureSolids (dissolved) [Analytical measures to fresh water]Mass2,74E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass2,70E-01kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculatedStrontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Mass2,72E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to industrial soil]Mass3,24E-06kg(No statement)Strontium [Inorganic emissions to air]Mass3,32E-06kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(No statement)Strontium [Heavy metals to sea water]Mass3,31E-06kg(No statement)Strontium [Inorganic emissions to air]Mass3,32E-06kg(No statement)		Mass		-	```
Soil loss by erosion into water [Particles to fresh water]Mass2,73E-02kgLiteratureSolids (dissolved) [Analytical measures to fresh water]Mass2,14E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass-2,66E-02kg(Calculated)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculatedStrontium (Sr90) [Radioactive emissions to fresh water]Activity1,91E-02Bq(Iterature)Strontium (Sr90) [Radioactive emissions to sea water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to ae water]Mass3,32E-04kg(No statement)Strontium [Heavy metals to ae water]Mass3,24E-06kg(No statement)Strontium [Heavy metals to sea water]Mass3,32E-04kg(No statement)Strontium [Heavy metals to sea water]Mass3,24E-06kg(No statement)Strontium [Heavy metals to sea water]Mass3,32E-04kg(No statement)Sulphate [Inorganic emissions to sea wa		Mass	3,94E-05	kg	```
Solids (dissolved) [Analytical measures to fresh water]Mass2,14E-02kg(Literature)Solids (suspended) [Fresh water]Mass2,70E-01kg(No statement)Solids (suspended) [Particles to fresh water]Mass4,03E-03kg(No statement)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass-2,66E-02kg(Calculated)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculatedStrontium (Sr90) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E-01Bq(No statement)Strontium [Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(Iterature)Strontium [Heavy metals to industrial soil]Mass2,42E-04kg(No statement)Strontium [Heavy metals to industrial soil]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(Calculated)Styrene [Group NM/VOC to air]Mass6,35E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphate [Inorganic emissions to sea water]Mass6,35E-04kg(No statement)Sulphate [Inorganic emissions to sea water]Mass<		Mass		0	```
Solids (suspended) [Fresh water]Mass2,70E-01 kg(No statement)Solids (suspended) [Particles to fresh water]Mass1,71E-02 kg(Literature)Solids (suspended) [Particles to sea water]Mass4,03E-03 kg(No statement)Steam [Inorganic emissions to air]Mass2,66E-02 kg(Calculated)Steel works slag [Waste for recovery]Mass1,86E-12 kgCalculatedStrontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02 Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,19E-01 Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,19E-01 Bq(No statement)Strontium (Fresh water]Mass2,27E-04 kg(No statement)Strontium [Heavy metals to agricultural soil]Mass5,33E-04 kg(No statement)Strontium [Heavy metals to industrial soil]Mass2,42E-04 kg(No statement)Strontium [Heavy metals to sea water]Mass2,36E-09 kg(No statement)Strontium [Inorganic emissions to air]Mass3,38E-02 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to fresh water]		Mass	-	•	(Literature)
Solids (suspended) [Particles to fresh water]Mass1,71E-02kg(Literature)Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass-2,66E-02kg(Calculated)Steel works slag [Waste for recovery]Mass1,86E-12kgCalculatedStrontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E-04Bq(No statement)Strontium (Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass7,06E-07kg(Iterature)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,32E-04kg(No statement)Strontium [Heavy metals to sea water]Mass2,32E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(No statement)Sulphide [Inorganic emissions to sea wat		Mass		-	, ,
Solids (suspended) [Particles to sea water]Mass4,03E-03kg(No statement)Steam [Inorganic emissions to air]Mass-2,66E-02kg(Calculated)Steam [Inorganic emissions to air]Mass1,86E-12kgCalculatedStrontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Activity6,89E+02Bq(Literature)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,19E+01Bq(No statement)Strontium (Sr90) [Radioactive emissions to sea water]Mass2,27E-04kg(No statement)Strontium [Fesh water]Mass5,33E-04kg(Literature)Strontium [Heavy metals to agricultural soil]Mass7,06E-07kg(No statement)Strontium [Iheavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass2,36E-09kg(No statement)Sulphate [Fresh water]Mass6,35E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06kg(No statement)Sulphide [Inorganic emissions to sea water]Mass2,32E-05kg(No statement)Sulphite [Inorganic emissions to fresh water]Mass1,31E-06kg(No statement)Sulphite [Inorganic emissions to sea water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]		Mass		•	,
Steel works slag [Waste for recovery]Mass1,86E-12kgCalculatedStrontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to fresh water]Activity6,89E+02Bq(Literature)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E-01Bq(No statement)Strontium (Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(No statement)Strontium [Inorganic emissions to fresh water]Mass3,36E-09kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,32E-07kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphure [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inor		Mass	4,03E-03	kġ	· ,
Steel works slag [Waste for recovery]Mass1,86E-12kgCalculatedStrontium (Sr89) [Radioactive emissions to fresh water]Activity1,91E-02Bq(No statement)Strontium (Sr90) [Radioactive emissions to fresh water]Activity6,89E+02Bq(Literature)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,91E-01Bq(No statement)Strontium (Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(No statement)Strontium [Inorganic emissions to fresh water]Mass3,36E-09kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,32E-07kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphure [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inor		Mass	-2,66E-02	kġ	,
Strontium (Sr90) [Radioactive emissions to fresh water]Activity6,89E+02Bq(Literature)Strontium (Sr90) [Radioactive emissions to sea water]Activity1,19E+01Bq(No statement)Strontium [Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(Literature)Strontium [Heavy metals to fresh water]Mass5,33E-04kg(Literature)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass2,36E-09kg(No statement)Suphate [Fresh water]Mass2,36E-09kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(No statement)Sulphite [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,32E-05kg(No statement)Sulphur [Inorganic emissions to air]Mass </td <td>Steel works slag [Waste for recovery]</td> <td>Mass</td> <td>1,86E-12</td> <td>kg</td> <td>Calculated</td>	Steel works slag [Waste for recovery]	Mass	1,86E-12	kg	Calculated
Strontium (Sr90) [Radioactive emissions to sea water]Activity1,19E+01Bq(No statement)Strontium [Fresh water]Mass2,27E-04kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to fresh water]Mass5,33E-04kg(Literature)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(Calculated)Styrene [Group NMVOC to air]Mass2,36E-09kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass8,85E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07kg(No statement)Sulphide [Inorganic emissions to agricultural soil]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to agricultural soil]	Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	1,91E-02	Bq	(No statement)
Strontium [Fresh water]Mass2,27E-04 kg(No statement)Strontium [Heavy metals to agricultural soil]Mass4,54E-09 kg(No statement)Strontium [Heavy metals to fresh water]Mass5,33E-04 kg(Literature)Strontium [Heavy metals to industrial soil]Mass7,06E-07 kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04 kg(No statement)Strontium [Inorganic emissions to air]Mass2,36E-09 kg(No statement)Styrene [Group NMVOC to air]Mass2,36E-09 kg(No statement)Sulphate [Fresh water]Mass8,85E-02 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05 kg(Literature)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass4,24E-05 kg(No statement)<	Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	6,89E+02	Bq	(Literature)
Strontium [Heavy metals to agricultural soil]Mass4,54E-09kg(No statement)Strontium [Heavy metals to fresh water]Mass5,33E-04kg(Literature)Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(Calculated)Styrene [Group NMVOC to air]Mass2,36E-09kg(No statement)Sulphate [Fresh water]Mass8,85E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02kg(Literature)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to sea water]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to air]Mass3,31E-06kg(Literature)Sulphur dioxide [Inorganic emissions to air]Mass3,31E-06kg <td>Strontium (Sr90) [Radioactive emissions to sea water]</td> <td>Activity</td> <td>1,19E+01</td> <td>Bq</td> <td>(No statement)</td>	Strontium (Sr90) [Radioactive emissions to sea water]	Activity	1,19E+01	Bq	(No statement)
Strontium [Heavy metals to fresh water]Mass5,33E-04 kg(Literature)Strontium [Heavy metals to industrial soil]Mass7,06E-07 kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04 kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06 kg(Calculated)Styrene [Group NMVOC to air]Mass2,36E-09 kg(No statement)Sulphate [Fresh water]Mass8,85E-02 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02 kg(Literature)Sulphate [Inorganic emissions to sea water]Mass6,35E-04 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05 kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06 kg(No statement)Sulphur [Inorganic emissions to air]Mass3,31E-06 kg(Literature)Sulphur floorganic emissions to air]Mass2,22E-05 kg(No statement)Sulphur [Inorganic emissions to air]Mass2,20E-06 kg(No statement)Sulphur floorganic emissions to air]Mass3,31E-06 kg(Literature)Su	Strontium [Fresh water]	Mass	2,27E-04	kg	(No statement)
Strontium [Heavy metals to industrial soil]Mass7,06E-07kg(No statement)Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(Calculated)Styrene [Group NMVOC to air]Mass2,36E-09kg(No statement)Sulphate [Fresh water]Mass8,85E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass6,35E-04kg(No statement)Sulphate [Inorganic emissions to sea water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to sea water]Mass3,31E-06kg(Literature)Sulphur [Inorganic emissions to air]Mass3,31E-06kg(Literature)Sulphur forganic emissions to air]Mass3,31E-06kgLiteratureSulphur forganic emissions to air]Mass3,31E-06kgLiteratur	Strontium [Heavy metals to agricultural soil]	Mass	4,54E-09	kg	(No statement)
Strontium [Heavy metals to sea water]Mass2,42E-04kg(No statement)Strontium [Inorganic emissions to air]Mass3,24E-06kg(Calculated)Styrene [Group NMVOC to air]Mass2,36E-09kg(No statement)Sulphate [Fresh water]Mass8,85E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02kg(Literature)Sulphate [Inorganic emissions to sea water]Mass6,35E-04kg(No statement)Sulphide [Inorganic emissions to sea water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(No statement)Sulphur [Inorganic emissions to agricultural soil]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to air]Mass3,31E-06kg(Literature)Sulphur dioxide [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphur caid [Inorganic emissions to air]Mass2,99E-11kgCalculated	Strontium [Heavy metals to fresh water]	Mass	5,33E-04	kg	(Literature)
Strontium [Inorganic emissions to air]Mass3,24E-06 kg(Calculated)Styrene [Group NMVOC to air]Mass2,36E-09 kg(No statement)Sulphate [Fresh water]Mass8,85E-02 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02 kg(Literature)Sulphate [Inorganic emissions to sea water]Mass6,35E-04 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to fresh water]Mass2,03E-07 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05 kg(Literature)Sulphite [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05 kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass1,20E-06 kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass3,31E-06 kg(Literature)Sulphur facid [Inorganic emissions to air]Mass2,99E-11 kgCalculated	Strontium [Heavy metals to industrial soil]	Mass	7,06E-07	kg	(No statement)
Styrene [Group NMVOC to air]Mass2,36E-09 kg(No statement)Sulphate [Fresh water]Mass8,85E-02 kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02 kg(Literature)Sulphate [Inorganic emissions to sea water]Mass6,35E-04 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to sea water]Mass2,03E-07 kg(No statement)Sulphite [Inorganic emissions to sea water]Mass3,87E-05 kg(Literature)Sulphite [Inorganic emissions to fresh water]Mass3,87E-05 kg(No statement)Sulphur [Inorganic emissions to agricultural soil]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06 kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass3,31E-06 kg(Literature)Sulphur fordic emissions to air]Mass2,99E-11 kgCalculated	Strontium [Heavy metals to sea water]	Mass	2,42E-04	kg	(No statement)
Sulphate [Fresh water]Mass8,85E-02kg(No statement)Sulphate [Inorganic emissions to fresh water]Mass5,69E-02kg(Literature)Sulphate [Inorganic emissions to sea water]Mass6,35E-04kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to sea water]Mass2,03E-07kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass3,87E-05kg(Literature)Sulphite [Inorganic emissions to fresh water]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to sea water]Mass3,31E-06kg(Literature)Sulphur dioxide [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphur hexafluoride [Inorganic emissions to air]Mass2,99E-11kgCalculated	Strontium [Inorganic emissions to air]	Mass	3,24E-06	kg	(Calculated)
Sulphate [Inorganic emissions to fresh water]Mass5,69E-02kg(Literature)Sulphate [Inorganic emissions to sea water]Mass6,35E-04kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to sea water]Mass2,03E-07kg(No statement)Sulphite [Inorganic emissions to fresh water]Mass3,87E-05kg(Literature)Sulphur [Inorganic emissions to agricultural soil]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur [Inorganic emissions to air]Mass3,31E-06kgLiterature)Sulphur dioxide [Inorganic emissions to air]Mass2,99E-11kgCalculated	Styrene [Group NMVOC to air]	Mass	2,36E-09	kg	(No statement)
Sulphate [Inorganic emissions to sea water]Mass6,35E-04 kg(No statement)Sulphide [Inorganic emissions to fresh water]Mass1,31E-06 kg(Literature)Sulphide [Inorganic emissions to sea water]Mass2,03E-07 kg(No statement)Sulphite [Inorganic emissions to fresh water]Mass3,87E-05 kg(Literature)Sulphur [Inorganic emissions to agricultural soil]Mass2,13E-05 kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass3,31E-06 kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06 kgLiteratureSulphur hexafluoride [Inorganic emissions to air]Mass2,99E-11 kgCalculated	Sulphate [Fresh water]	Mass		•	(No statement)
Sulphide [Inorganic emissions to fresh water]Mass1,31E-06kg(Literature)Sulphide [Inorganic emissions to sea water]Mass2,03E-07kg(No statement)Sulphite [Inorganic emissions to fresh water]Mass3,87E-05kg(Literature)Sulphur [Inorganic emissions to agricultural soil]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass3,31E-06kgLiterature)Sulphur hexafluoride [Inorganic emissions to air]Mass2,99E-11kgCalculated	Sulphate [Inorganic emissions to fresh water]	Mass	5,69E-02	kg	(Literature)
Sulphide [Inorganic emissions to sea water]Mass2,03E-07 kg(No statement)Sulphite [Inorganic emissions to fresh water]Mass3,87E-05 kg(Literature)Sulphur [Inorganic emissions to agricultural soil]Mass2,13E-05 kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05 kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06 kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02 kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass2,99E-11 kgCalculated	Sulphate [Inorganic emissions to sea water]	Mass	6,35E-04	kg	(No statement)
Sulphite [Inorganic emissions to fresh water]Mass3,87E-05kg(Literature)Sulphur [Inorganic emissions to agricultural soil]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11kgCalculated	Sulphide [Inorganic emissions to fresh water]	Mass	-	•	(Literature)
Sulphur [Inorganic emissions to agricultural soil]Mass2,13E-05kg(No statement)Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11kgCalculated		Mass		-	,
Sulphur [Inorganic emissions to fresh water]Mass2,52E-05kg(No statement)Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11kgCalculated				-	· ,
Sulphur [Inorganic emissions to industrial soil]Mass4,24E-05 kg(No statement)Sulphur [Inorganic emissions to sea water]Mass1,20E-06 kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02 kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06 kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11 kgCalculated				•	· ,
Sulphur [Inorganic emissions to sea water]Mass1,20E-06kg(No statement)Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11kgCalculated				•	· ,
Sulphur dioxide [Inorganic emissions to air]Mass8,93E-02kg(Literature)Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11kgCalculated				•	· ,
Sulphur hexafluoride [Inorganic emissions to air]Mass3,31E-06 kgLiteratureSulphuric acid [Inorganic emissions to air]Mass2,99E-11 kgCalculated				•	· ,
Sulphuric acid [Inorganic emissions to air] Mass 2,99E-11 kg Calculated				-	, ,
				•	
I allings [Stockpile goods] Mass 4,30E-02 kg (Literature)				•	
	I allings [Stockpile goods]	Mass	4,30E-02	кg	(Literature)

Flow - Outputs Tebutam [Pesticides to agricultural soil]	Quantity Mass	Amount 6,14E-08	Unit kg	Origin of data (No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	A otivity	0 72E 02	Pa	(No statement)
water] Teflubenzuron [Pesticides to agricultural soil] Tellurium (Te123m) [Radioactive emissions to fresh	Activity Mass	8,72E-03 5,84E-11	Bq kg	(No statement) (No statement)
water]	Activity	1,86E-02	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water] Tetrafluoromethane [Halogenated organic emissions to	Activity	2,18E-05	•	(No statement)
air]	Mass	1,39E-06	kg	Literature
Thallium [Fresh water]	Mass	4,39E-07	kg	(No statement)
Thallium [Heavy metals to air]	Mass	9,76E-09	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	7,50E-08	kg	(Measured)
Thermal energy (MJ) [Thermal energy]	Energy	1,32E+00	MJ	Literature
Thorium (Th228) [Radioactive emissions to air]	Activity	1,35E-01	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	1,73E+01	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	8,06E+00	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	4,88E+02	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	1,98E+02	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	1,79E-01	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	2,81E-01	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	7,86E-02	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	1,45E+00	Bq	(No statement)
Tin [Fresh water]	Mass	4,52E-05	kg	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	9,79E-09	kg	(No statement)
Tin [Heavy metals to air]	Mass	2,81E-07	kġ	(Calculated)
Tin [Heavy metals to fresh water]	Mass	1,02E-07	kg	Literature
Titanium [Heavy metals to agricultural soil]	Mass	2,05E-06	kġ	(No statement)
Titanium [Heavy metals to air]	Mass	2,37E-06	kg	(Calculated)
Titanium [Heavy metals to fresh water]	Mass	2,70E-06	kg	(Literature)
Titanium [Heavy metals to sea water]	Mass	5,23E-09	kg	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	8,75E-05	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	1,26E-05	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	6,05E-06	kg	(No statement)
Top Cover (E-Paper) [Flows]	Mass	3,44E+00	kg	(Literature)
Total dissolved organic bounded carbon [Analytical measures to fresh water]	Mass	1,54E-02	kg	(Literature)
Total dissolved organic bounded carbon [Analytical				
measures to sea water] Total organic bounded carbon [Analytical measures to	Mass	1,64E-03	U U	(No statement)
fresh water] Total organic bounded carbon [Analytical measures to	Mass	2,23E-02	U U	(Literature)
sea water]	Mass	1,64E-03	•	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	3,63E-01	•	(No statement)
Tot-P to water [STFI-PF import]	Mass	8,85E-06	0	Literature
Treatment residue (mineral) [Stockpile goods]	Mass	5,11E-04	•	Calculated
Tributyltinoxide [Pesticides to sea water] Trichloromethane (chloroform) [Halogenated organic	Mass	3,08E-07	U U	(No statement)
emissions to air] Trichloromethane (chloroform) [Halogenated organic	Mass	6,10E-09	U U	(No statement)
emissions to fresh water]	Mass	8,13E-15	•	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	1,75E-06	•	(No statement)
Tungsten [Fresh water]	Mass	1,96E-06	•	(No statement)
Tungsten [Heavy metals to fresh water] Unused primary energy from solar energy [Other	Mass	1,21E-06	U U	(No statement)
emissions to air]	Mass	2,69E-06	kg	Estimated

Flow Outputs	0	A	11	Oninin of data
Flow - Outputs		Amount	Unit	Origin of data
Uranium (total) [Radioactive emissions to air]	Activity	4,32E+00	•	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	9,38E-01	•	(Literature)
Uranium (U234) [Radioactive emissions to fresh water] Uranium (U235) [Radioactive emissions to air]	Activity Activity	1,75E+00 4,45E-02	•	(No statement) (Literature)
Uranium (U235) [Radioactive emissions to firesh water]	Activity	4,45E-02 2,88E+00	•	(No statement)
Uranium (U238) [Radioactive emissions to hesh water]	Activity	1,39E+00	•	(Literature)
Uranium (U238) [Radioactive emissions to firesh water]	Activity	4,98E+00	•	(No statement)
Uranium (U238) [Radioactive emissions to resh water]	Activity	4,30E+00 2,64E-01	•	(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	8,39E+01	•	(Literature)
Uranium depleted [Radioactive waste]	Mass	1,56E-07	•	(Calculated)
Used air [Other emissions to air]	Mass	2,04E-02	•	(Measured)
Vanadium [Fresh water]	Mass	8,14E-05	•	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	5,87E-08	•	(No statement)
Vanadium [Heavy metals to air]	Mass	4,69E-05	•	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	4,13E-06	•	(Literature)
Vanadium [Heavy metals to sea water]	Mass	2,57E-08	0	(No statement)
Waste (unspecified) [Consumer waste]	Mass	2,11E-03	-	(Calculated)
Waste for recovery (unspecified) [Waste for recovery]	Mass	1,89E+00	•	Literature
Waste heat [Fresh water]	Energy	5,12E+01	-	(No statement)
Waste heat [Other emissions to air]	Energy	5,39E+02		(Calculated)
Waste heat [Other emissions to fresh water]	Energy	1,25E+01		(Calculated)
Waste radioactive [Radioactive waste]	Mass	1,34E-07		(Literature)
Waste water [Other emissions to fresh water]	Mass	1,15E+00	0	(Literature)
Waste water processing residue [Hazardous waste for		.,		()
recovery]	Mass	3,87E-06	kg	Literature
Water (desalinated; deionized) [Operating materials]	Mass	3,22E-08	kg	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic				
emissions to air]	Mass	3,72E-07	kg	(No statement)
Vinyl chloride (VCM; chloroethene) [Halogenated organic	Maaa		1.0	(No statement)
emissions to fresh water] VOC (unspecified) [Organic emissions to air (group	Mass	2,79E-08	кд	(No statement)
VOC)]	Mass	3,90E-02	ka	Literature
VOC [Organic emissions to fresh water]	Mass	3,38E-05	•	(No statement)
VOC [Organic emissions to sea water]	Mass	1,41E-05	•	(No statement)
Volatile fission products (inert gases;iodine;C14)	made	.,	Ng	(into oracomondy
[Radioactive waste]	Mass	1,64E-12	kg	(Calculated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	1,69E+01	Bq	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	5,34E+02	Bq	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	2,40E+00	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	2,19E+02	Bq	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	1,28E+02	Bq	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	2,38E+00	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	2,14E+01	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	1,48E-04	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
fresh water]	Mass	3,04E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
sea water]	Mass	4,85E-06	kg	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group NMVOC to air]	Mass	6,14E-06	ka	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	1,56E-05	•	(No statement) (No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	3,86E-02	•	(No statement)
Zinc (Zincs) [Radioactive emissions to nesh water] Zinc [Fresh water]	Mass	5,80E-02 6,12E-04	•	(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	5,23E-04	•	(No statement)
	Mass	0,20∟-00	Ng	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Zinc [Heavy metals to air]	Mass	4,31E-05	kg	(Literature)
Zinc [Heavy metals to fresh water]	Mass	8,07E-05	kg	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	2,59E-05	kg	Calculated
Zinc [Heavy metals to sea water]	Mass	5,72E-05	kg	(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	5,12E-15	kg	Measured
Zirconium (Zr) [Air]	Mass	1,06E-09	kg	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	1,53E-05	Bq	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	4,47E-04	Bq	(No statement)

In the tables below the LCI data for the studied system "Printed newspaper, Swedish scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow – Inputs	Quantity	Amount	Unit	Origin of data
Air [Renewable resources]	Mass	-9,47E-01	kg	(Calculated)
Aluminum [Non renewable elements]	Mass	2,35E-02	kg	(No statement)
Antimonite [Non renewable resources]	Mass	1,70E-10	kg	(No statement)
Antimony [Non renewable resources]	Mass	1,08E+01	kg	Literature
Arsenic as resource [STFI-PF import]	Mass	1,98E-06	kg	Literature
Barium sulphate [Non renewable resources]	Mass	1,13E-02	kg	(No statement)
Basalt [Non renewable resources]	Mass	5,40E-03	kg	(No statement)
Bauxite [Non renewable resources]	Mass	8,49E-08	kg	Calculated
Bentonite [Non renewable resources]	Mass	1,50E-02	kg	(Literature)
Blast furnace dust [Organic intermediate products]	Mass	9,77E-12	kg	Calculated
Borax [Non renewable resources]	Mass	7,81E-07	kg	(No statement)
Butylhydroxitoluen [STFI-PF import]	Mass	8,49E-07	kg	Literature
Cadmium ore [Non renewable resources]	Mass	3,11E-06	kg	Literature
Calcium chloride [Non renewable resources]	Mass	2,34E-15	kg	Literature
Carbon dioxide [Renewable resources]	Mass	1,26E+01	kg	Calculated
Chromium [Non renewable elements]	Mass	3,91E-03	kg	Literature
Chromium ore [Non renewable resources]	Mass	4,87E-18	kg	Calculated
Chrysotile [Non renewable resources]	Mass	1,20E-05	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	1,07E-06	kg	(No statement)
Clay [Non renewable resources]	Mass	3,06E-01	kg	(No statement)
Clothes [STFI-PF import] - Not followed from the cradle	Mass	5,03E-06	kg	Literature
Cobalt [Non renewable elements]	Mass	2,36E-08	kg	(No statement)
Colemanite ore [Non renewable resources]	Mass	1,73E-05	kg	(No statement)
Cooling water [Operating materials]	Mass	9,98E-01	kg	(Measured)
Copper [Non renewable elements]	Mass	4,64E-03	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	4,28E-04	kg	Measured
Crude oil [Crude oil (resource)]	Mass	1,69E+00	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	8,20E-02	kg	Literature
Crude oil Angola [Crude oil (resource)]	Mass	3,32E-02	kg	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	5,41E-08	kg	Literature
Crude oil Australia [Crude oil (resource)]	Mass	2,50E-06	kg	Estimated
Crude oil Brazil [Crude oil (resource)]	Mass	5,85E-10	kg	Literature
Crude oil Brunei [Crude oil (resource)]	Mass	2,78E-08	kg	Estimated
Crude oil Cameroon [Crude oil (resource)]	Mass	3,27E-03	kg	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	1,93E-04	kg	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	2,69E-04	kg	Calculated
Crude oil Central America [Crude oil (resource)]	Mass	2,13E-04	kg	Calculated
Crude oil China [Crude oil (resource)]	Mass	2,31E-05	kg	Estimated
Crude oil CIS [Crude oil (resource)]	Mass	3,25E-01	kg	(Literature)
Crude oil Colombia [Crude oil (resource)]	Mass	3,82E-05	kg	Literature
Crude oil Denmark [Crude oil (resource)]	Mass	3,03E-05	kg	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	2,45E-03	kg	(Estimated)
Crude oil France [Crude oil (resource)]	Mass	1,89E-07	kg	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	3,14E-02	kg	Literature
	Mass	0,170 02	мя	

	Q	A	11	Origin of data
Flow – Inputs	Quantity	Amount	Unit	Origin of data
Crude oil Gabon [Crude oil (resource)] Crude oil Germany [Crude oil (resource)]	Mass Mass	1,02E-07 4,61E-02	kg ka	(Estimated) (Literature)
Crude oil Germany [Crude oil (resource)] Crude oil Indonesia [Crude oil (resource)]	Mass	4,01E-02 2,16E-05	kg kg	Estimated
Crude oil Iran [Crude oil (resource)]	Mass	2,10E-03 3,75E-02	kg	(Estimated)
Crude oil Italy [Crude oil (resource)]	Mass	2,94E-03	kg	Literature
Crude oil Kuwait [Crude oil (resource)]	Mass	2,94E-03 1,85E-02	kg	(Estimated)
Crude oil Libya [Crude oil (resource)]	Mass	1,80E-01	kg	Literature
Crude oil Mexico [Crude oil (resource)]	Mass	1,78E-04	kg	Literature
Crude oil Middle East [Crude oil (resource)]	Mass	1,02E-03	kg	Calculated
Crude oil Netherlands [Crude oil (resource)]	Mass	3,76E-03	kg	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	5,52E-09	kg	Estimated
Crude oil Nigeria [Crude oil (resource)]	Mass	7,30E-02	kg	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	3,46E-04	kg	Calculated
Crude oil Norway [Crude oil (resource)]	Mass	3,37E-01	kg	(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	4,49E-06	kg	Estimated
Crude oil Qatar [Crude oil (resource)]	Mass	8,81E-09	kg	(Estimated)
Crude oil Saudi Arabia [Crude oil (resource)]	Mass	1,48E-01	kg	(Estimated)
Crude oil Tunisia [Crude oil (resource)]	Mass	1,25E-06	kg	Literature
Crude oil United Arab Emirates [Crude oil (resource)]	Mass	7,26E-07	kg	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]	Mass	2,88E-01	kg	(Literature)
Crude oil USA [Crude oil (resource)]	Mass	1,07E-03	kg	Literature
Crude oil Venezuela [Crude oil (resource)]	Mass	6,27E-02	kg	Literature
Diatomite [Non renewable resources]	Mass	1,63E-09	kg	(No statement)
Dolomite [Non renewable resources]	Mass	3,24E-04	kg	Calculated
Dolonnae [Non renewable resources]	Energy	5,24L-04	ĸġ	Calculated
Energy, calorific value, in organic substance [biotic]	ren.	1,43E+02	MJ	(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	2,26E-08	kg	(No statement)
Fluorine [Non renewable elements]	Mass	5,84E-04	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable			-	
resources]	Mass	2,55E-03	kg	Calculated
Granite [Non renewable resources]	Mass	4,97E-06	kg	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	1,67E-05	kg	(No statement)
Hard coal [Hard coal (resource)]	Mass	1,91E+00	kg	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	-2,58E-04	kg	(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	7,27E-08	kg	Calculated
Hard coal Brazil [Hard coal (resource)]	Mass	1,52E-10	kg	(Estimated)
Hard coal Canada [Hard coal (resource)]	Mass	1,36E-04	kg	(Calculated)
Hard coal China [Hard coal (resource)]	Mass	-2,40E-05	kg	(Calculated)
Hard coal CIS [Hard coal (resource)]	Mass	-1,03E-04	kg	(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	-4,52E-04	kg	(Calculated)
Hard coal Czech Republic [Hard coal (resource)]	Mass	-4,72E-04	kg	Calculated
Hard coal France [Hard coal (resource)]	Mass	2,20E-07	kg	(Calculated)
Hard coal Germany [Hard coal (resource)]	Mass	-1,22E-02	kg	Calculated
Hard coal Indonesia [Hard coal (resource)]	Mass	-8,77E-05	kg	(Calculated)
Hard coal Japan [Hard coal (resource)]	Mass	5,29E-14	kg	Calculated
Hard coal Poland [Hard coal (resource)]	Mass	-1,56E-03	kg	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	4,62E-13	kg	Estimated
Hard coal South Africa [Hard coal (resource)]	Mass	-1,97E-03	kg	(Calculated)
Hard coal Spain [Hard coal (resource)]	Mass	1,16E-07	kg	Calculated
Hard coal United Kingdom [Hard coal (resource)]	Mass	2,24E-04	kg	(Calculated)
Hard coal USA [Hard coal (resource)]	Mass	3,36E-05	kg	(Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	-8,57E-05	kg	(Calculated)
Heat from wood [Flows] -Not followed from the cradle	Energy	-4,39E+00	MJ	(No statement)

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Flow – Inputs	Quantity	Amount	Unit	Origin of data
Heavy spar (barytes) [Non renewable resources]	Mass	1,38E-02	kg	(Literature)
Inert rock [Non renewable resources]	Mass	4,36E-01	kg	(Literature)
Iron [Non renewable elements]	Mass	1,45E-01	kg	(Literature)
Iron ore (65%) [Non renewable resources]	Mass	-1,58E-05	kg	Calculated
Iron ore [Non renewable resources] Kaolinite (24% in ore as mined) [Non renewable	Mass	2,33E-05	kg	(Calculated)
resources]	Mass	4,30E-01	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable	Mass	4,002 01	Ng	(No statement)
resources]	Mass	7,51E-04	kg	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	5,06E-04	kg	Calculated
Lead [Non renewable elements]	Mass	1,08E-02	kg	Literature
Lignite (resource)]	Mass	7,73E-01	kg	(Literature)
Lignite Australia [Lignite (resource)]	Mass	3,92E-07	kg	Literature
Lignite Austria [Lignite (resource)]	Mass	6,84E-12	kg	Calculated
Lignite France [Lignite (resource)]	Mass	8,34E-09	kg	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	4,00E-07	kg	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	3,72E-03	kg	Calculated
Lignite Germany [Lignite (resource)]	Mass	1,87E-02	kg	Literature
Lignite Greece [Lignite (resource)]	Mass	5,80E-10	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	6,12E-08	kg	Literature
Lignite USA [Lignite (resource)]	Mass	2,31E-06	kg	Literature
Limestone (calcium carbonate) [Non renewable				
resources]	Mass	6,45E-01	kg	(Literature)
Magnesit (Magnesium carbonate) [Non renewable	Masa	4.045.00	1	Oplaulated
resources]	Mass	1,84E-03	kg	Calculated
Magnesium [Non renewable elements]	Mass	4,14E-07	kg	(No statement)
Manganese [Non renewable elements]	Mass	3,50E-04	kg	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	5,28E-06	kg	Calculated
Molybdenum [Non renewable elements]	Mass	4,24E-04	kg	(No statement)
Natural Aggregate [Non renewable resources]	Mass	5,46E+00	kg ka	(No statement)
Natural gas [Natural gas (resource)] Natural gas Algeria [Natural gas (resource)]	Mass	2,97E+00 6,65E-03	kg ka	(Literature)
	Mass	6,65E-03 2,69E-03	kg ka	(Literature) (Estimated)
Natural gas Angola [Natural gas (resource)] Natural gas Argentina [Natural gas (resource)]	Mass Mass	2,69E-03 1,77E-09	kg kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	1,82E-07		(Literature)
Natural gas Brazil [Natural gas (resource)]	Mass	1,07E-07	kg kg	(Literature)
Natural gas Brunei [Natural gas (resource)]	Mass	9,20E-10	kg	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	2,65E-04	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	1,98E-04	kg	(Literature)
Natural gas China [Natural gas (resource)]	Mass	1,31E-06	kg	Estimated
Natural gas CIS [Natural gas (resource)]	Mass	7,20E-03	kg	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	1,45E-06	kg	Literature
Natural gas Denmark [Natural gas (resource)]	Mass	-1,17E-04	kg	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	1,99E-04	kg	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	-2,15E-06	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	8,47E-09	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	8,64E-04	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	2,01E-06	kg	Estimated
Natural gas Iran [Natural gas (resource)]	Mass	1,40E-03	kg	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	5,95E-05	kg	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	2,02E-14	kg	Estimated
Natural gas Kuwait [Natural gas (resource)]	Mass	6,91E-04	kg	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	1,49E-02	kg	Literature
Natural gas Malaysia [Natural gas (resource)]	Mass	6,09E-09	kg	Estimated
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LCI Data - Printed newspaper, Swedish scenario

Flow – Inputs Unit Origin of data Quantity Amount Natural gas Mexico [Natural gas (resource)] Mass 6,11E-06 (Literature) kg Natural gas Netherlands [Natural gas (resource)] Mass -2,52E-03 kg (Literature) Natural gas New Zealand [Natural gas (resource)] Mass 1,22E-10 Estimated kg Natural gas Nigeria [Natural gas (resource)] Mass 5,92E-03 (Estimated) kg Natural gas Norway [Natural gas (resource)] Mass 5,65E-03 (Literature) kg Natural gas Oman [Natural gas (resource)] Mass 1,68E-07 Estimated kg Natural gas Qatar [Natural gas (resource)] Mass 3.29E-10 (Estimated) kq Natural gas Saudi Arabia [Natural gas (resource)] Mass 5,52E-03 (Estimated) kg Natural gas Spain [Natural gas (resource)] Mass Estimated 1,83E-10 kg Natural gas Tunisia [Natural gas (resource)] Mass 1,01E-07 Literature kg Natural gas United Arab Emirates [Natural gas (resource)] Mass 9,91E-08 kg (Estimated) 6.02E-03 (Estimated) Natural gas United Kingdom [Natural gas (resource)] Mass kg Natural gas USA [Natural gas (resource)] Mass 5.29E-04 (Literature) kg Natural gas Venezuela [Natural gas (resource)] Mass 3,69E-03 Literature kg Nickel [Non renewable elements] Mass 9,78E-03 (No statement) kg Nickel ore (1.6%) [Non renewable resources] Mass 4,07E-05 kg Measured Nitrogen [Renewable resources] Mass 3,26E-08 (Literature) kg Occup. as Convent. arable land [Hemeroby] Areatime 2,85E-01 m2*yr (No statement) Occupation, arable, non-irrigated [Hemerobie ecoinvent] Areatime 2,88E-01 m2*yr (No statement) Occupation, construction site [Hemerobie ecoinvent] Areatime 2,25E-03 m2*yr (No statement) Occupation, dump site [Hemerobie ecoinvent] Areatime 2,06E-02 m2*yr (No statement) Occupation, dump site, benthos [Hemerobie ecoinvent] Areatime 1,21E-03 m2*yr (No statement) Occupation, forest, intensive [Hemerobie ecoinvent] Areatime 1,60E+01 m2*yr (No statement) Occupation, forest, intensive, normal [Hemerobie Areatime 2,88E+00 m2*yr (No statement) ecoinvent] Occupation, industrial area [Hemerobie ecoinvent] Areatime 1,18E-02 m2*yr (No statement) Occupation, industrial area, benthos [Hemerobie Areatime 1,07E-05 m2*yr (No statement) ecoinvent] Occupation, industrial area, built up [Hemerobie Areatime 1,31E-02 m2*yr (No statement) ecoinvent] Occupation, industrial area, vegetation [Hemerobie 7,15E-03 Areatime m2*yr (No statement) ecoinvent] Occupation, mineral extraction site [Hemerobie ecoinvent] Areatime 1,26E-02 m2*yr (No statement) Occupation, permanent crop, fruit, intensive [Hemerobie ecoinvent] Areatime 1,50E-01 m2*yr (No statement) Occupation, shrub land, sclerophyllous [Hemerobie ecoinvent] Areatime 1,05E-03 m2*yr (No statement) Occupation, traffic area, rail embankment [Hemerobie 2,59E-03 m2*yr (No statement) ecoinvent] Areatime Occupation, traffic area, rail network [Hemerobie Areatime 2,86E-03 m2*yr (No statement) ecoinvent] Occupation, traffic area, road embankment [Hemerobie m2*yr (No statement) ecoinvent] Areatime 2,95E-01 Occupation, traffic area, road network [Hemerobie Areatime 2,31E-02 m2*yr (No statement) ecoinvent1 Occupation, urban, discontinuously built [Hemerobie Areatime 6.85E-04 m2*yr (No statement) ecoinvent] Occupation, water bodies, artificial [Hemerobie Areatime 1,45E-01 m2*yr (No statement) ecoinvent] Occupation, water courses, artificial [Hemerobie Areatime 3,17E-02 m2*yr (No statement) ecoinvent] Olivine [Non renewable resources] Mass 5,50E-07 kg (No statement) Palladium [Non renewable elements] Mass 1,44E-08 (No statement) kg Peat [Renewable resources] Mass 4,05E-01 (No statement) kg

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Flow – Inputs	Quantity	Amount	Unit	Origin of data
Phosphate ore [Non renewable resources]	Mass	2,55E-02	kg	(Literature)
Phosphorus [Non renewable elements]	Mass	2,35E-03	kg	(No statement)
Phosphorus minerals [Non renewable resources]	Mass	2,33E-04	kg	Literature
Pit gas [Natural gas (resource)]	Mass	2,42E-02	kg	(Literature)
Platinum [Non renewable elements]	Mass	1,89E-09	kg	(No statement)
Potassium chloride [Non renewable resources]	Mass	2,22E-04	kg	(Literature)
Precious metal ore (R.O.M) [Non renewable resources]	Mass	1,37E-07	kg	(No statement)
Primary energy from geothermics [Renewable energy	Energy			E ation at a d
resources] Primary energy from hydro power (BUWAL) [Renewable	ren. Energy	1,09E-04	MJ	Estimated
energy resources]	ren.	8,31E-03	MJ	Literature
Primary energy from hydro power [Renewable energy	Energy	0,012 00	IVIO	Eliciature
resources]	ren.	1,05E+02	MJ	(Literature)
Primary energy from solar energy [Renewable energy	Energy	,		、
resources]	ren.	1,74E+00	MJ	(Estimated)
Primary energy from wind power [Renewable energy	Energy			
resources]	ren.	6,96E+00	MJ	Calculated
Process and cooling water [Operating materials]	Mass	1,33E-10	kg	Literature
Process water [Operating materials]	Mass	1,56E-02	kg	(Measured)
Quartz sand (silica sand; silicon dioxide) [Non renewable				
resources]	Mass	1,70E-06	kg	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	3,06E-04	kg	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	2,31E-04	kg	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	1,27E-03	kg	Literature
Renewable fuels [Renewable energy resources]	Mass	5,72E-05	kg	Calculated
Rhenium [Non renewable elements]	Mass	6,78E-11	kg	(No statement)
Rhodium [Non renewable elements]	Mass	4,00E-10	kg	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	2,24E-08	kg	(No statement)
sand [Non renewable resources]	Mass	1,11E-04	kg	(No statement)
Selenium [Non renewable elements]	Mass	4,25E-08	kg	Literature
Silver [Non renewable elements]	Mass	2,41E-09	kg	(No statement)
Slate [Non renewable resources]	Mass	4,97E-06	kg	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	4,21E-01	kg	(Literature)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	5,59E-12	kg	(No statement)
Sodium sulphate [Non renewable resources]	Mass	7,95E-04	kg	(No statement)
Soil [Non renewable resources]	Mass	4,26E-04	kg	Calculated
Steel scrap (St) [Waste for recovery]	Mass	2,46E-12	kg	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	1,60E-15	kg	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	3,46E-09	kg	(Literature)
Sulphur [Non renewable elements]	Mass	1,66E-04	kg	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	3,04E-03	kg	(No statement)
Talc [Non renewable resources]	Mass	1,88E-02	kg	(No statement)
Tin [Non renewable elements]	Mass	5,50E-06	kg	(No statement)
Titanium dioxide [Non renewable resources]	Mass	1,82E-03	kg	(No statement)
Titanium ore [Non renewable resources]	Mass	7,93E-11	kg	(No statement)
Transformation, from arable [Hemerobie ecoinvent]	Area	1,85E-05	sqm	(No statement)
Transformation, from arable, non-irrigated [Hemerobie	A = 0 0			(No statement)
ecoinvent]	Area	5,30E-01	sqm	(No statement)
Transformation, from arable, non-irrigated, fallow [Hemerobie ecoinvent]	Area	1,51E-06	sqm	(No statement)
Transformation, from dump site, inert material landfill	71100	1,012 00	9911	
[Hemerobie ecoinvent]	Area	5,15E-05	sqm	(No statement)
Transformation, from dump site, residual material landfill		,		· · · · · · · · · · · · · · · · · · ·
[Hemerobie ecoinvent]	Area	1,25E-04	sqm	(No statement)
Transformation, from dump site, sanitary landfill	Area	2,13E-05	sqm	(No statement)

	Quantity	Amount	Unit	Origin of data
Flow – Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, from dump site, slag compartment				(1)
[Hemerobie ecoinvent]	Area	1,10E-05	sqm	(No statement)
Transformation, from forest [Hemerobie ecoinvent] Transformation, from forest, extensive [Hemerobie	Area	2,52E-03	sqm	(No statement)
ecoinvent] Transformation, from industrial area [Hemerobie	Area	1,34E-01	sqm	(No statement)
ecoinvent]	Area	3,47E-05	sqm	(No statement)
Transformation, from industrial area, benthos [Hemerobie ecoinvent]	Area	1,02E-07	sqm	(No statement)
Transformation, from industrial area, built up [Hemerobie ecoinvent]	Area	1,31E-07	sqm	(No statement)
Transformation, from industrial area, vegetation [Hemerobie ecoinvent]	Area	2,24E-07	sqm	(No statement)
Transformation, from mineral extraction site [Hemerobie				. , ,
ecoinvent] Transformation, from pasture and meadow [Hemerobie	Area	3,11E-04	sqm	(No statement)
ecoinvent] Transformation, from pasture and meadow, intensive	Area	5,63E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	4,27E-04	sqm	(No statement)
Transformation, from sea and ocean [Hemerobie ecoinvent]	Area	1,21E-03	sqm	(No statement)
Transformation, from shrub land, sclerophyllous	A *** *			(Ne statement)
[Hemerobie ecoinvent]	Area	3,99E-04	sqm	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	3,68E-03	sqm	(No statement)
Transformation, to arable [Hemerobie ecoinvent]	Area	2,19E-04	sqm	(No statement)
Transformation, to arable, non-irrigated [Hemerobie ecoinvent]	Area	5,31E-01	sam	(No statement)
Transformation, to arable, non-irrigated, fallow	Alea	5,512-01	sqm	(NO Statement)
[Hemerobie ecoinvent]	Area	2,75E-06	sqm	(No statement)
Transformation, to dump site [Hemerobie ecoinvent]	Area	1,25E-04	sqm	(No statement)
Transformation, to dump site, benthos [Hemerobie	7.104	1,202 01	94.11	(into oracomond)
ecoinvent]	Area	1,21E-03	sqm	(No statement)
Transformation, to dump site, inert material landfill			·	
[Hemerobie ecoinvent]	Area	5,15E-05	sqm	(No statement)
Transformation, to dump site, residual material landfill	A			
[Hemerobie econvent] Transformation, to dump site, sanitary landfill [Hemerobie	Area	1,25E-04	sqm	(No statement)
ecoinvent]	Area	2,13E-05	sqm	(No statement)
Transformation, to dump site, slag compartment				
[Hemerobie ecoinvent]	Area	1,10E-05	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent]	Area	4,29E-04	sqm	(No statement)
Transformation, to forest, intensive [Hemerobie	Aree	1 075 01	oam	(No statement)
ecoinvent] Transformation, to forest, intensive, normal [Hemerobie	Area	1,07E-01	sqm	(No statement)
ecoinvent]	Area	2,33E-02	sqm	(No statement)
Transformation, to heterogeneous, agricultural		_,		(,
[Hemerobie ecoinvent]	Area	1,21E-04	sqm	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent]	Area	1,67E-04	sqm	(No statement)
Transformation, to industrial area, benthos [Hemerobie			·	. ,
ecoinvent]	Area	6,35E-07	sqm	(No statement)
Transformation, to industrial area, built up [Hemerobie	A			
ecoinvent]	Area	2,60E-04	sqm	(No statement)
Transformation, to industrial area, vegetation [Hemerobie ecoinvent]	Area	1,49E-04	sqm	(No statement)
Transformation, to mineral extraction site [Hemerobie	Allou	1,75∟-04	Juli	
ecoinvent]	Area	3,97E-03	sqm	(No statement)
Transformation, to pasture and meadow [Hemerobie	Area	1,86E-05	sqm	(No statement)
		·	•	. /

Flow – Inputs	Quantity	Amount	Unit	Origin of data
ecoinvent]				
Transformation, to permanent crop, fruit, intensive		_		
[Hemerobie ecoinvent]	Area	2,38E-03	sqm	(No statement)
Transformation, to sea and ocean [Hemerobie ecoinvent]	Area	1,02E-07	sqm	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie	A			
ecoinvent]	Area	2,09E-04	sqm	(No statement)
Transformation, to traffic area, rail embankment [Hemerobie ecoinvent]	Area	6,02E-06	sqm	(No statement)
Transformation, to traffic area, rail network [Hemerobie	Alea	0,022-00	Sqm	(NO Statement)
ecoinvent]	Area	6,62E-06	sqm	(No statement)
Transformation, to traffic area, road embankment	,	0,011 00	• •	()
[Hemerobie ecoinvent]	Area	1,99E-03	sqm	(No statement)
Transformation, to traffic area, road network [Hemerobie			-	
ecoinvent]	Area	1,65E-04	sqm	(No statement)
Transformation, to unknown [Hemerobie ecoinvent]	Area	3,21E-05	sqm	(No statement)
Transformation, to urban, discontinuously built				
[Hemerobie ecoinvent]	Area	1,36E-05	sqm	(No statement)
Transformation, to water bodies, artificial [Hemerobie	A			
ecoinvent]	Area	1,25E-03	sqm	(No statement)
Transformation, to water courses, artificial [Hemerobie ecoinvent]	Area	3,87E-04	sqm	(No statement)
Ulexite [Non renewable resources]	Mass	3,37E-04 3,37E-06	•	(No statement)
Binders (resins), diazo compounds and colouring agents	IVId55	3,37 ⊑-00	kg	(NO Statement)
[STFI-PF import] - Not followed from the cradle,	Mass	2,34E-01	kg	Estimated
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	3,42E-07	kg	Literature
Uranium natural [Uranium (resource)]	Mass	1,90E-04	kg	(Literature)
Water (feed water) [Water]	Mass	2,24E-04	kg	(Literature)
Water (ground water) [Water]	Mass	7,81E+01	kg	Literature
Water (lake water) [Water]	Mass	5,43E-01	kg	(No statement)
Water (river water) [Water]	Mass	7,84E+01	kg	(No statement)
Water (sea water) [Water]	Mass	1,36E+01	kg	(No statement)
Water (surface water) [Water]	Mass	1,32E+00	kg	(Calculated)
Water [Water]	Mass	1,25E+03	kg	(Literature)
Water for industrial use [Operating materials]	Mass	2,53E-04	kg	Calculated
Water, salt, sole [in water]	Volume	1,19E-03	m3	(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	3,37E+02	m3	(No statement)
Vermiculite [Non renewable resources]	Mass	5,18E-07	kg	(No statement)
Volume occupied, final repository for low-active	111222	5,102-07	ĸy	(NO Statement)
radioactive waste [Hemerobie ecoinvent]	Volume	3,81E-07	m3	(No statement)
Volume occupied, final repository for radioactive waste		-,		()
[Hemerobie ecoinvent]	Volume	9,70E-08	m3	(No statement)
	Cubic			
	meter			
Volume occupied, reservoir [Hemerobie ecoinvent]	years	2,47E+00	m3a	(No statement)
Volume occupied, underground deposit [Hemerobie			•	
ecoinvent]	Volume	4,05E-06	m3	(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	1,67E-01	kg	Literature
Wood [Renewable energy resources]	Mass	2,23E-05	kg	Calculated
Wood, hard, standing [biotic]	Volume	1,26E-03	m3	(No statement)
Wood, soft, standing [biotic]	Volume	1,32E-02	m3	(No statement)
Zinc - copper ore (4.07%-2.59%) [Non renewable	Maaa		1.0	Coloulated
resources] Zinc - lead - copper ore (12%-3%-2%) [Non renewable	Mass	2,45E-04	kg	Calculated
resources]	Mass	5,35E-05	kg	Calculated
Zinc [Non renewable elements]	Mass	5,35E-05 1,39E-02	kg	(No statement)
Zinc [Non renewable elements] Zinc ore (sulphide) [Non renewable resources]	Mass	1,39E-02 5,89E-13	kg kg	Calculated
	111022	3,092-13	кy	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water]	Mass	4,04E-10	kg	(No statement)
Acenaphthene [Hydrocarbons to sea water]	Mass	1,85E-10	kg	(No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	2,53E-11	kg	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	1,15E-11	kg	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	1,38E-11	kg	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	6,12E-06	kg	(Literature)
Acetic acid [Group NMVOC to air]	Mass	8,71E-05	kg	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	6,95E-07	kg	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air] Acid (calculated as H+) [Inorganic emissions to fresh	Mass	3,48E-06	kg	(Literature)
water]	Mass	1,05E-04	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	4,35E-07	kg	(No statement)
Acrolein [Group NMVOC to air]	Mass	2,76E-09	kg	(No statement)
Adsorbable organic halogen compounds (AOX)	101833	2,702-03	ĸġ	(NO Statement)
[Analytical measures to fresh water]	Mass	5,09E-04	kg	(Measured)
Adsorbable organic halogen compounds (AOX)		-,		(
[Analytical measures to sea water]	Mass	1,17E-08	kg	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	4,70E-06	Bq	(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	5,32E-01	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	2,77E-07	kg	Literature
Alkane (unspecified) [Group NMVOC to air]	Mass	1,56E-04	kg	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	8,45E-06	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	3,86E-06	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	1,97E-04	kg	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	7,80E-07	kg	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	3,56E-07	kg	(No statement)
Aluminum [Fresh water]	Mass	7,43E-02	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	8,10E-05	kg	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	1,42E-04	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	5,53E-05	kg	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	1,52E-05	kg	(No statement)
Aluminum [Particles to air]	Mass	4,27E-04	kg	(No statement)
Aluminum scrap [Waste for recovery]	Mass	4,72E-13	kg	Measured
Americium (Am241) [Radioactive emissions to fresh			-	
water]	Activity	5,77E-04	Bq	Calculated
Ammonia [Inorganic emissions to air]	Mass	1,18E-03	kg	(Literature)
Ammonia [Inorganic emissions to fresh water]	Mass	2,57E-05	kg	(Measured)
Ammonium / ammonia [Fresh water]	Mass	5,04E-05	kg	(No statement)
Ammonium / ammonia [Inorganic emissions to fresh				<i>и</i>
water]	Mass	5,68E-04	kg	(Literature)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	3,42E-06	kg	(No statement)
Ammonium [Inorganic emissions to air]	Mass	2,21E-14	kg	Measured
Ammonium carbonate [high population density]	Mass	1,09E-08	kg	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	2,04E-11	kg	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	5,39E-05	Bq	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity	4,67E-07	Bq	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	1,07E-01	Bq	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	1,40E-06	Bq	(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	1,43E-01	Bq	(Literature)
Antimony [Fresh water]	Mass	1,90E-05	kg	(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	4,64E-12	kg	(No statement)
Antimony [Heavy metals to air]	Mass	2,53E-07	kg	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	9,21E-06	kg	(No statement)

Elaura Outranta	0	A	11	Oniaria of data
Flow - Outputs Argon (Ar41) [Radioactive emissions to air]	Quantity Activity	Amount 8,88E+00	Unit Ba	Origin of data
Aromatic hydrocarbons (unspecified) [Group NMVOC to	Activity	0,000+00	Bq	(Literature)
air]	Mass	3,73E-05	kg	(Calculated)
Aromatic hydrocarbons (unspecified) [Hydrocarbons to		-,	5	(,
fresh water]	Mass	3,56E-05	kg	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to				
sea water]	Mass	1,70E-05	kg	(No statement)
Arsenic [Fresh water]	Mass	3,07E-06	kg	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	2,34E-08	kg	(No statement)
Arsenic [Heavy metals to air]	Mass	1,77E-06	kg	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	1,25E-05	kg ka	(Literature)
Arsenic [Heavy metals to industrial soil] Arsenic [Heavy metals to sea water]	Mass Mass	2,21E-08 6,42E-08	kg ka	(No statement) (No statement)
Arsenic trioxide [Heavy metals to air]	Mass	0,42E-08 2,93E-18	kg kg	Measured
Ash [Stockpile goods]	Mass	2,93E-18 4,35E-04	kg	(Calculated)
Atrazine [Pesticides to agricultural soil]	Mass	4,33E-04 3,58E-11	kg	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	9,08E-05	Bq	(No statement)
Barium (Ba140) [Radioactive emissions to firsh water]	Activity	9,00E-03 2,36E-04	Bq	(No statement)
Barium [Fresh water]	Mass	2,04E-04	kg	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	1,03E-09	kg	(No statement)
Barium [Inorganic emissions to air]	Mass	1,06E-05	kg	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	6,37E-05	kg	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	2,77E-05	kg	(No statement)
Barium [Inorganic emissions to sea water]	Mass	2,59E-05	kg	(No statement)
Barytes [ocean]	Mass	7,52E-04	kg	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	1,27E-09	kg	Literature
Bentazone [Pesticides to agricultural soil]	Mass	2,21E-07	kg	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	9,71E-10	kg	(No statement)
Benzene [Group NMVOC to air]	Mass	2,40E-04	kg	(Estimated)
Benzene [Hydrocarbons to fresh water]	Mass	4,52E-05	kġ	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	2,54E-06	kġ	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	2,60E-07	kg	(Literature)
Beryllium [Fresh water]	Mass	6,84E-07	kg	(No statement)
Beryllium [Inorganic emissions to air]	Mass	1,98E-08	kg	(Calculated)
Beryllium [Inorganic emissions to fresh water]	Mass	3,19E-09	kg	Literature
Biological oxygen demand (BOD) [Analytical measures to				
fresh water]	Mass	2,92E-02	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to sea water]	Mass	3,27E-03	ka	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh	111022	3,27 E-03	kg	(NO Statement)
water]	Mass	1,52E-02	kg	(No statement)
Blast furnace slag [Waste for recovery]	Mass	2,83E-07	kg	Calculated
Boiler ash (unspecified) [Waste for recovery]	Mass	-1,01E-04	kg	(Calculated)
Boron [Fresh water]	Mass	6,72E-05	kg	(No statement)
Boron [Inorganic emissions to air]	Mass	4,89E-05	kg	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	5,64E-06	kg	(Literature)
Boron [Inorganic emissions to sea water]	Mass	2,54E-07	kġ	(No statement)
Boron compounds (unspecified) [Inorganic emissions to		-	Ū	· · · · · · · · · · · · · · · · · · ·
air]	Mass	2,88E-05	kg	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	6,18E-05	kg	(No statement)
Bromine [Fresh water]	Mass	9,16E-06	kg	(No statement)
Bromine [Inorganic emissions to air]	Mass	6,20E-06	kg	(Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	8,50E-05	kg	(No statement)
Bromine [Inorganic emissions to sea water]	Mass	2,08E-05	kg	(No statement)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Butadiene [Group NMVOC to air]	Mass	8,79E-13	kg	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	-9,14E-07	kg	(Calculated)
Butane [Group NMVOC to air]	Mass	2,16E-04	kg	(Estimated)
Butene [Group NMVOC to air]	Mass	2,08E-06	kg	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	8,44E-08	kg	(No statement)
Cadmium [Fresh water]	Mass	6,10E-06	kg	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	8,65E-08	kg	(No statement)
Cadmium [Heavy metals to air]	Mass	8,96E-07	kg	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	1,22E-05	kg	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	1,34E-07	kg	Calculated
Cadmium [Heavy metals to sea water]	Mass	2,19E-08	kg	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	7,20E-08	kg	(Literature)
Calcium [Fresh water]	Mass	1,42E-01	kg	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	5,53E-03	kg	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	1,53E-03	kg	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	1,32E-07	kg	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	3,19E+02	Bq	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	3,76E-02	Bq	(Calculated)
Carbon (unspecified) [Organic emissions to agricultural		-		<i></i> .
soil]	Mass	2,85E-04	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial	Maaa		ارم	(NIa atotomont)
soil] Carl an disside (histic) [Aid	Mass	1,66E-04	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	1,07E+01	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	1,77E+01	kg	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	4,52E-05	kg	(No statement)
Carbon monoxide (biotic) [Air]	Mass	2,68E-03	kg	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	6,90E-02	kg	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated organic emissions to air]	Mass	7,21E-08	kg	(No statement)
Carbon, organically bound [Organic emissions to fresh	111222	7,212-00	ĸġ	(NO Statement)
water]	Mass	2,78E-03	kg	Calculated
Carbonate [Inorganic emissions to fresh water]	Mass	1,36E-04	kg	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	2,20E-05	Bq	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	9,45E-05	Bq	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	2,88E-05	Bq	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	1,61E-04	Bq	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	2,82E-01	Bq	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	1,68E-05	Bq	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	3,47E-04	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	6,17E-01	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	6,10E+01	Bq	(No statement)
Cesium [Heavy metals to fresh water]	Mass	6,50E-08	kg	(No statement)
Cesium [Heavy metals to sea water]	Mass	2,97E-08	kg	(No statement)
Chemical oxygen demand (COD) [Analytical measures to	Mass	2,07 - 00	Ng	
fresh water]	Mass	8,25E-02	kg	(Literature)
Chemical oxygen demand (COD) [Analytical measures to		,	0	(, ,
sea water]	Mass	3,32E-03	kg	(No statement)
Chemical oxygen demand, CSB (Ecoinvent) [Fresh				
water]	Mass	4,85E-02	kg	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	4,80E-04	kg	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	6,70E-09	kg	(Measured)
Chloride [Fresh water]	Mass	4,37E-03	kg	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	1,91E-01	kg	(Literature)
Chloride [Inorganic emissions to sea water]	Mass	1,49E-02	kg	(No statement)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Chlorinated hydrocarbons (unspecified) [Halogenated				
organic emissions to fresh water]	Mass	1,38E-09	kg	Literature
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	2,17E-06	kg	Literature
Chlorine [Inorganic emissions to agricultural soil]	Mass	1,03E-05	kg	(No statement)
Chlorine [Inorganic emissions to air]	Mass	6,14E-05	kg	(Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	3,53E-03	kg	(No statement)
Chloromethane (methyl chloride) [Halogenated organic emissions to air]	Mass	6,25E-13	ka	(No statement)
Chloromethane (methyl chloride) [Halogenated organic	IVIA55	0,25E-15	kg	(NO Statement)
emissions to fresh water]	Mass	1,65E-06	kg	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	5,37E-05	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to		0,01 - 00		(
fresh water]	Mass	2,36E-07	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to			•	. ,
sea water]	Mass	1,36E-14	kg	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	1,41E-06	Bq	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	1,21E-01	Bq	(No statement)
Chromium (unspecified) [Heavy metals to agricultural				
soil]	Mass	1,55E-06	kg	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	1,36E-05	kg	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	6,80E-07	kg	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	3,94E-07	kg	(No statement)
Chromium +III [Heavy metals to fresh water]	Mass	1,38E-07	kg	(Literature)
Chromium +III [Heavy metals to industrial soil]	Mass	1,83E-06	kg	Calculated
Chromium +VI [Fresh water]	Mass	3,39E-05	kg	(No statement)
Chromium +VI [Heavy metals to air]	Mass	3,37E-07	kg	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	1,82E-05	kg	Literature
Chromium +VI [Heavy metals to industrial soil]	Mass	6,96E-06	kg	(No statement)
Chromium containing slag [Hazardous waste for	Maaa	2 07E 10	ka	Coloulated
disposal]	Mass	3,97E-19 5,32E-04	kg Pa	Calculated
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity		Bq	(No statement)
Cobalt (Co58) [Radioactive emissions to air] Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	3,29E-06	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to resh water] Cobalt (Co60) [Radioactive emissions to air]	Activity	9,20E-01 4,60E-05	Bq	(Literature) (Literature)
Cobalt (Co60) [Radioactive emissions to an] Cobalt (Co60) [Radioactive emissions to fresh water]	Activity Activity	4,00E-03 8,28E-01	Bq Bq	(Literature)
		,		()
Cobalt [Fresh water]	Mass Mass	4,00E-05 6,55E-08	kg ka	(No statement)
Cobalt [Heavy metals to agricultural soil] Cobalt [Heavy metals to air]		-	kg ka	(No statement) (Literature)
	Mass	7,59E-07	kg	` '
Cobalt [Heavy metals to fresh water]	Mass	1,47E-07	kg ka	(No statement) (No statement)
Cobalt [Heavy metals to sea water]	Mass	1,84E-09 1,40E+00	kg ka	```
Cooling water [Waste for recovery] Copper [Fresh water]	Mass	1,40E+00 1,28E-03	kg ka	(Measured)
	Mass	1,28E-03 2,11E-06	kg ka	(No statement)
Copper [Heavy metals to agricultural soil]	Mass		kg	(No statement)
Copper [Heavy metals to air]	Mass	8,63E-06	kg	(Literature)
Copper [Heavy metals to fresh water]	Mass	2,76E-05	kg	(Literature)
Copper [Heavy metals to industrial soil]	Mass	6,15E-06	kg ka	Calculated
Copper [Heavy metals to sea water] Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	5,81E-08	kg ka	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh	Mass	1,74E-05	kg	(No statement)
water]	Mass	4,18E-05	kg	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh	11000	1,102 00		
water]	Activity	7,64E-04	Bq	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	3,27E-05	kg '	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	7,52E-05	kg	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	1,10E-07	kg	(No statement)
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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	3,64E-08	kg	(No statement)
Cypermethrin [Pesticides to agricultural soil]	Mass	4,42E-09	kg	(No statement)
Detergent (unspecified) [Other emissions to fresh water] Dichloroethane (ethylene dichloride) [Halogenated	Mass	1,02E-11	kg	(Literature)
organic emissions to air]	Mass	1,13E-05	kg	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated	Mass	1,102 00	Ng	(No statement)
organic emissions to fresh water]	Mass	2,63E-05	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated			Ū	(, , , , , , , , , , , , , , , , , , ,
organic emissions to air]	Mass	1,11E-10	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated				// · · · · · · · · · · · · · · · · · ·
organic emissions to fresh water]	Mass	1,40E-06	kg	(No statement)
Dichromate [river]	Mass	1,84E-07	kg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC	Mass	5,53E-19	ka	Measured
to air] Different pollutants [Other emissions to agricultural soil]	Mass	1,54E-03	kg kg	(No statement)
Different pollutants [Other emissions to agricultural soil]	Mass	4,85E-04	kg	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	4,85E-04 1,46E-05	-	(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	2,30E-02	kg ka	(No statement)
Dross [Waste for recovery]	Mass	2,30E-02 8,09E-11	kg ka	()
		-	kg ka	(Measured)
Dust (> PM10) [Particles to air]	Mass	9,78E-03	kg ka	(No statement) Literature
Dust (combustion) [Particles to air]	Mass	1,17E-03	kg ka	
Dust (PM2,5 - PM10) [Particles to air]	Mass Mass	2,30E-03	kg ka	(No statement)
Dust (PM2.5) [Particles to air]	Mass	6,08E-03	kg ka	(No statement)
Dust (unspecified) [Particles to air]	Mass	5,08E-03	kg ka	(Literature)
Ethane [Group NMVOC to air]	Mass	6,85E-04	kg ka	(Literature)
Ethanol [Group NMVOC to air]	Mass	5,61E-06	kg ka	(Literature) Calculated
Ethene (ethylene) [Group NMVOC to air]		1,46E-04 2,88E-06	kg ka	
Ethene (ethylene) [Hydrocarbons to fresh water] Ethine (acetylene) [Group NMVOC to air]	Mass Mass	2,88E-00 2,29E-05	kg ka	(No statement) (No statement)
Ethyl benzene [Group NMVOC to air]	Mass	2,29E-05 3,65E-06	kg ka	(Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	3,52E-06	kg kg	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	3,32E-00 7,12E-07	kg	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	2,18E-07	kg	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	4,34E-09	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	4,34E 05 6,25E-06	kg	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	1,52E-05	kg	(No statement)
Exhaust [Other emissions to air]	Mass	-7,91E-01	kg	(Calculated)
Fatty acid, free [Materials from renewable raw materials]	Mass	1,06E-03	kg	Estimated
Fatty acids (calculated as total carbon) [Hydrocarbons to	made	1,002 00	Ng	Loumatou
fresh water]	Mass	2,39E-04	kg	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to			Ū	(, , , , , , , , , , , , , , , , , , ,
sea water]	Mass	1,79E-04	kg	(No statement)
Fenpiclonil [Pesticides to agricultural soil]	Mass	2,13E-06	kg	(No statement)
Filter dust (heavy fuel oil power plant) [Waste for				
recovery]	Mass	3,62E-09	kg	Calculated
Filter dust [Hazardous waste]	Mass	6,97E-09	kg	Calculated
Fluoride (unspecified) [Inorganic emissions to air]	Mass	3,22E-07	kg	(Literature)
Fluoride [Fresh water]	Mass	1,05E-04	kg	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	6,73E-05	kg	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	7,48E-06	kg	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	9,41E-06	kg	(No statement)
Fluorides [Inorganic emissions to air]	Mass	6,63E-08	kg	(Calculated)
Fluorine [Inorganic emissions to air]	Mass	2,89E-06	kg	Literature
Fluorine [Inorganic emissions to fresh water]	Mass	6,55E-08	kg	(Calculated)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Fly ash (unspecified) [Waste for recovery]	Mass	-6,26E-04	kg	(Calculated)
Formaldehyde (methanal) [Group NMVOC to air]	Mass	4,19E-05	kg	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	3,30E-05	kg	(No statement)
Furnace clinker [Waste for recovery]	Mass	7,43E-14	kg	Calculated
Glutaraldehyde [Hydrocarbons to sea water]	Mass	9,28E-08	kg	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	7,68E-08	kg	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	1,74E-07	kg	(No statement)
Gypsum (contaminated) [Waste for recovery]	Mass	4,65E-03	kg	Literature
Gypsum (FDI) [Waste for recovery]	Mass	-3,56E-04	kg	(Calculated)
Gypsum [Waste for recovery]	Mass	1,74E-04	kg	(Calculated)
Halogenated hydrocarbons (unspecified) [Halogenated	Mass	2,29E-11	ka	Literature
organic emissions to air]	Mass	2,29E-11 1,52E-07	kg ka	
Halon (1211) [Halogenated organic emissions to air]	Mass		kg ka	(No statement)
Halon (1301) [Halogenated organic emissions to air] Hazardous waste (unspec.) [Hazardous waste]		2,26E-07 1,18E-02	kg ka	(Literature)
Hazardous waste for recovery (unspec.) [Hazardous waste]	Mass	1,10E-02	kg	(Literature)
waste for recovery]	Mass	3,34E-02	kg	Literature
Heat from natural gas [Flows]	Energy	1,63E-10	MJ	Calculated
Heat from oil [Flows]	Energy	1,47E-09	MJ	Measured
Heat from waste [Flows]	Energy	1,57E-09	MJ	(Literature)
Heavy fuel oil [Crude oil products]	Mass	1,29E-09	kg	Calculated
Heavy metals to water (unspecified) [Heavy metals to	111035	1,252 00	Ng	Calculated
fresh water]	Mass	1,50E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	5,83E-05	kg	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	2,04E-05	kg	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated		,	5	(
organic emissions to air]	Mass	4,65E-09	kg	(No statement)
Hexaflourosilicates [Air]	Mass	1,29E-07	kg	(No statement)
Hexaflourosilicates [Sweet-]	Mass	2,32E-07	kg	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	1,04E-04	kg	(Literature)
Highly radioactive waste [Radioactive waste]	Mass	1,66E-07	kg	Calculated
Highly-active fission product solution [Radioactive waste]	Mass	1,44E-08	kg	(Calculated)
Housing (E-Paper) [Flows]	Mass	1,61E-03	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to fresh			-	
water]	Mass	1,64E-05	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	1,41E-05	kg	(No statement)
Hydrocarbons (unspecified) [Organic emissions to air				
(group VOC)]	Mass	1,38E-03	kg	Literature
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	1,74E-05	kg	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic	Maaa	0 405 07	l.a	(Ne statement)
emissions to air] Hydrocarbons, halogenated [Halogenated organic	Mass	9,42E-07	kg	(No statement)
emissions to air]	Mass	1,81E-07	kg	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	1,97E+03	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	1,60E+04	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	1,27E+05	Bq	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	5,13E-04	kg	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	2,43E-16	-	Measured
Hydrogen chloride [Inorganic emissions to air]	Mass	2,43E-10 4,76E-04	kg ka	(Literature)
Hydrogen cyanide (prussic acid) [Inorganic emissions to	111222	4,700-04	kg	(Literature)
air]	Mass	3,34E-11	kg	Calculated
Hydrogen fluoride (hydrofluoric acid) [Inorganic		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		20.00000
emissions to fresh water]	Mass	7,50E-13	kg	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	9,34E-05	kg	(Literature)
Hydrogen peroxide [Sweet-]	Mass	1,30E-04	kg	(No statement)
			5	. /

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Hydrogen sulphide [Fresh water]	Mass	2,24E-04	kg	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	1,25E-04	kg	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	7,94E-08	kg	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	3,87E-08	kg	(No statement)
Hypochlorite [Inorganic emissions to fresh water]	Mass	2,29E-06	kg	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	2,56E-06	kg	(No statement)
Iliad Module (E-Paper) [Flows]	Mass	7,05E-10	kg	(Estimated)
Incineration good [Waste for disposal]	Mass	9,23E-08	kg	(No statement)
Industrial waste for municipal disposal [Consumer waste]	Mass	6,11E-05	kg	(Literature)
inert chemical waste [Consumer waste]	Mass	2,10E-07	kg	(Literature)
Inert gases [Radioactive emissions to air]	Activity	3,15E+06	Bq	(No statement)
Inorganic salts and acids (unspecified) [Inorganic				
emissions to fresh water]	Mass	5,94E-04	kg	Literature
lodide [Fresh water]	Mass	2,98E-10	kg	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	6,69E-06	kg	(No statement)
lodide [Inorganic emissions to sea water]	Mass	2,97E-06	kg	(No statement)
Iodine (I129) [Radioactive emissions to air]	Activity	3,29E-01	Bq	Calculated
Iodine (I129) [Radioactive emissions to fresh water]	Activity	1,08E-01	Bq	(Calculated)
lodine (I131) [Radioactive emissions to air]	Activity	3,00E+00	Bq	(Literature)
lodine (I131) [Radioactive emissions to fresh water]	Activity	2,11E-02	Bq	(Literature)
lodine (I133) [Radioactive emissions to air]	Activity	1,09E-04	Bq	(No statement)
lodine (I133) [Radioactive emissions to fresh water]	Activity	1,48E-04	Bq	(No statement)
lodine [Inorganic emissions to air]	Mass	1,15E-06	kg '	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	4,08E-05	Bq	(No statement)
Iron [Fresh water]	Mass	1,79E-02	kg	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	2,01E-04	kg	(No statement)
Iron [Heavy metals to air]	Mass	8,22E-05	kg	(Literature)
Iron [Heavy metals to fresh water]	Mass	2,14E-03	kg	(Literature)
Iron [Heavy metals to industrial soil]	Mass	6,76E-04	kg	(No statement)
Iron [Heavy metals to sea water]	Mass	1,62E-06	kg	(No statement)
Isocyanide acid [Air]	Mass	1,42E-06	kg	(No statement)
Jacket and body material [Radioactive waste]	Mass	8,64E-09	kg	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	0,04E-09 2,79E+04	rs Bq	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	•	2,73E+04 1,71E+00		(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity Activity	5,78E-01	Bq Ba	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	5,78E-01 6,09E-01	Bq Ba	(No statement)
Krypton (Kr89) [Radioactive emissions to air]	•		Bq	. ,
	Activity	1,82E-01	Bq	(No statement)
Lanthanides [Heavy metals to air] Lanthanum (La140) [Radioactive emissions to fresh	Mass	1,64E-11	kg	(Calculated)
water]	Activity	2,52E-04	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	7,76E-04	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	9,87E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	5,08E-01	Bq	(No statement)
	•	5,08⊑-01 1,59E+00	•	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity		Bq	· · · ·
Lead [Fresh water]	Mass	1,28E-04	kg ka	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	5,00E-07	kg	(No statement)
Lead [Heavy metals to air]	Mass	1,49E-05	kg	(Literature)
Lead [Heavy metals to fresh water]	Mass	8,25E-05	kg	(Literature)
Lead [Heavy metals to industrial soil]	Mass	2,84E-06	kg	Calculated
Lead [Heavy metals to sea water]	Mass	2,70E-07	kg	(No statement)
Li-Ion Cell [Other parts]	Mass	7,95E-11	kg	Literature
Linuron [Pesticides to agricultural soil]	Mass	3,36E-06	kg	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	5,23E-07	kg	(Calculated)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Liquid waste [Consumer waste]	Mass	6,40E-06	kg	(Calculated)
Lithiumerz (R.O.M) [Non renewable resources]	Mass	1,48E-06	kg	(Literature)
Magnesium [Fresh water]	Mass	1,25E-02	kg	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	9,21E-04	kg	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	1,64E-04	kg	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	1,76E-14	kg	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	6,99E-05	kg De	(No statement)
Manganese (Mn54) [Radioactive emissions to air] Manganese (Mn54) [Radioactive emissions to fresh	Activity	7,23E-07	Bq	(No statement)
water]	Activity	8,18E-02	Bq	(Literature)
Manganese [Fresh water]	Mass	6,25E-03	kg	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	6,45E-05	kg	(No statement)
Manganese [Heavy metals to air]	Mass	1,07E-05	kg	(Calculated)
Manganese [Heavy metals to fresh water]	Mass	1,96E-04	kg	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	2,21E-06	kg	(No statement)
Manganese [Heavy metals to sea water]	Mass	1,34E-06	kg	(No statement)
Medium and low radioactive liquid waste [Radioactive		.,		(
waste]	Mass	2,05E-08	kg	(Calculated)
Medium and low radioactive wastes [Radioactive waste]	Mass	2,01E-07	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	1,02E-11	kg	(Literature)
Mercury [Fresh water]	Mass	2,32E-07	kg	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	1,67E-08	kg	(No statement)
Mercury [Heavy metals to air]	Mass	8,57E-07	kg	(Literature)
Mercury [Heavy metals to fresh water]	Mass	3,73E-07	kg	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	1,83E-08	kg	Calculated
Mercury [Heavy metals to sea water]	Mass	1,37E-09	kg	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	8,90E-04	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh				<i></i>
water]	Mass	1,14E-06	kg	(Measured)
Metaldehyde [Organic emissions to agricultural soil]	Mass	3,83E-08	kg	(No statement)
Metals (unspecified) [Particles to air]	Mass	1,71E-06	kg	(Literature)
Metals (unspecified) [Particles to fresh water]	Mass	9,64E-06	kg	(Literature)
Methane (biotic) [Air]	Mass	3,45E-03	kg	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	3,77E-02	kg	(Literature)
Methanol [Group NMVOC to air]	Mass	4,43E-05	kg	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	2,73E-06	kg	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	1,75E-06	kg	(No statement)
Methyl tert-butylether [Group NMVOC to air]	Mass	8,78E-08	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water] Methyl tert-butylether [Hydrocarbons to sea water]	Mass	1,37E-09	kg ka	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass Mass	2,01E-07 2,43E-05	kg ka	(No statement) (No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	2,43E-05 2,46E-06	kg ka	(No statement)
Mineral waste [Consumer waste]	Mass	2,40E-00 1,45E-06	kg ka	Calculated
Molybdenum (Mo99) [Radioactive emissions to fresh	111222	1,432-00	kg	Calculated
water]	Activity	8,68E-05	Bq	(No statement)
Molybdenum [Fresh water]	Mass	1,27E-06	kg	(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	1,64E-08	kg	(No statement)
Molybdenum [Heavy metals to air]	Mass	4,47E-07	kg	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	4,09E-06	kg	(Literature)
Molybdenum [Heavy metals to sea water]	Mass	6,35E-09	kg	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	2,95E-06	kg	(No statement)
Municipal waste [Consumer waste]	Mass	5,43E-07	kg	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	6,77E-08	kg	(No statement)
Natural gas LNG [Natural gas products]	Mass	3,32E-07	kg	(No statement)
			-	,

	Quantity	Amount	110:4	Origin of data
Flow - Outputs	Quantity Mass	Amount 2,92E-06	Unit	Origin of data (Calculated)
Neutral salts [Inorganic emissions to fresh water]	Mass	2,92E-06 1,87E-04	kg ka	· ,
Nickel [Fresh water] Nickel [Heavy metals to agricultural soil]	Mass	1,87E-04 4,88E-07	kg ka	(No statement) (No statement)
Nickel [Heavy metals to air]	Mass	4,88E-07 1,22E-05	kg ka	(No statement) (Literature)
Nickel [Heavy metals to fresh water]	Mass	7,21E-05	kg ka	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	1,03E-06	kg ka	Calculated
	Mass	1,03E-08 3,93E-08	kg ka	
Nickel [Heavy metals to sea water]		3,93E-08 2,24E-02	kg Ra	(No statement) (No statement)
Niobium (Nb95) [Radioactive emissions to air] Nitrate [Fresh water]	Activity Mass	2,24E-02 4,42E-04	Bq	· · · ·
Nitrate [Inorganic emissions to air]	Mass	4,42E-04 1,42E-08	kg ka	(No statement)
		1,42E-08 1,74E-02	kg ka	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	4,50E-02	kg ka	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass Mass	4,50E-05 2,75E-06	kg ka	(No statement)
Nitrite [Fresh water]	Mass	2,75E-06 1,78E-05	kg ka	(No statement)
Nitrite [Inorganic emissions to fresh water]			kg ka	(No statement)
Nitrite [Inorganic emissions to sea water]	Mass	8,25E-07	kg ka	(No statement) Literature
Nitrogen (as total N) [Inorganic emissions to fresh water]	Mass	2,26E-06	kg ka	
Nitrogen [Inorganic emissions to fresh water]	Mass	1,40E-03	kg ka	(Literature)
Nitrogen [Inorganic emissions to sea water]	Mass	1,53E-07	kg	(No statement)
Nitrogen monoxide [Inorganic emissions to air]	Mass	4,22E-04	kg	Calculated
Nitrogen organic bounded [Fresh water] Nitrogen organic bounded [Inorganic emissions to fresh	Mass	8,23E-05	kg	(No statement)
water]	Mass	1,96E-04	kg	Literature
Nitrogen organic bounded [Inorganic emissions to sea	101033	1,302-04	ĸġ	Literature
water]	Mass	6,77E-06	kg	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	9,08E-02	kg	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	1,43E-03	kg	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	3,77E-02	kg	(Literature)
non used primary energy from water power [Other	Energy	-, -	3	(
emissions to fresh water]	ren.	3,12E-03	MJ	Calculated
non used primary energy from wind power [Other	Energy			
emissions to air]	ren.	1,72E-03	MJ	(Calculated)
Occup. as Forest land [Hemeroby]	Areatime	2,85E-01	m2*yr	(No statement)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	5,40E-03	kg	(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	1,01E-03	kg	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	6,41E-03	kg	(No statement)
Oil (unspecified) [Organic emissions to industrial soil]	Mass	4,71E-05	kg	Measured
Oil to ground [STFI-PF import]	Mass	3,40E-03	kg	Literature
Orbencarb [Pesticides to agricultural soil]	Mass	1,32E-05	kg	(No statement)
Organic chlorine compounds (unspecified) [Organic			1	(1) (1
emissions to fresh water]	Mass	1,02E-11	kg	(Literature)
Organic chlorine compounds [Organic emissions to air	Mass	1,02E-11	ka	(Literature)
(group VOC)] Organic waste [Consumer waste]	Mass	3,60E-04	kg ka	Literature
Overburden [Stockpile goods]	Mass	2,33E-04	kg ka	(Calculated)
Ozone [Inorganic emissions to air]	Mass	2,33E-01 1,78E-04	kg ka	(No statement)
Pentachlorobenzene [Halogenated organic emissions to	Mass	1,70E-04	kg	(NO Statement)
air]	Mass	8,82E-09	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic	made	0,022 00	Ng	
emissions to air]	Mass	6,07E-08	kg	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	2,39E-04	kg	(Estimated)
	Number of	·	-	. ,
Personal computer [Flows]	pieces	1,83E-15	pcs.	(No statement)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	1,37E-05	kg	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	2,76E-05	kg	(Literature)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	3,92E-06	kg	(No statement)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Phosphate [Fresh water]	Mass	5,17E-04	kg	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	1,57E-04	kg	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	2,68E-05	kg	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	3,15E-05	kg	(No statement)
Phosphorus [Inorganic emissions to air]	Mass	1,70E-05	kg	(No statement)
Phosphorus [Inorganic emissions to fresh water]	Mass	1,55E-04	kg	(No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	2,75E-06	kg	(No statement)
Phosphorus [Inorganic emissions to sea water]	Mass	2,61E-07	kg	(No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	2,10E-08	kg	(No statement)
Platinum [Heavy metals to air]	Mass	3,24E-13	kg	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	3,29E-05	Bq	Calculated
Plutonium (Pu alpha) [Radioactive emissions to fresh	-			
water]	Activity	4,55E-03	Bq	(Calculated)
Plutonium (Pu238) [Radioactive emissions to air]	Activity	4,47E-08	Bq	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	4,16E-10	kg	Calculated
Polonium (Po210) [Radioactive emissions to air]	Activity	1,69E+00	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	5,09E-01	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to sea water]	Activity	2,42E+00	Bq	(No statement)
Polychlorinated biphenyls (PCB unspecified)	-		-	
[Halogenated organic emissions to air]	Mass	2,06E-09	kg	(No statement)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)		-		
[Halogenated organic emissions to air]	Mass	3,95E-11	kg	(Literature)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)			1	E ation at a d
[Halogenated organic emissions to fresh water]	Mass	2,57E-22	kg	Estimated
Polycyclic aromatic hydrocarbons (PAH) [Group PAH to air]	Mass	2,09E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)	10035	2,002 00	Ng	(Enclatore)
[Hydrocarbons to fresh water]	Mass	8,62E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)		-,		()
[Hydrocarbons to sea water]	Mass	2,48E-07	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	1,79E-04	kg	(Literature)
Potassium (K40) [Radioactive emissions to air]	Activity	2,07E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	6,37E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	1,92E-01	Bq	(No statement)
Potassium [Fresh water]	Mass	2,72E-02	kg	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	3,56E-03	kg	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	1,26E-04	kg	(No statement)
Propane [Group NMVOC to air]	Mass	3,61E-04	kg	(Literature)
Propene (propylene) [Group NMVOC to air]	Mass	4,15E-04	kg	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	7,34E-05	kg	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	9,71E-10	kg	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	1,46E-06	kg	(Estimated)
Propylene oxide [Group NMVOC to air]	Mass	3,12E-05	kg	(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	7,50E-05	kg	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air]	Activity	4,63E-02	Bq	(No statement)
Protactinium (Pa234m) [Radioactive emissions to fresh	rouvity	4,002 02	БЧ	(No statement)
water]	Activity	8,57E-01	Bq	(No statement)
R 11 (trichlorofluoromethane) [Halogenated organic			•	· · · ·
emissions to air]	Mass	3,01E-09	kg	Literature
R 113 (trichlorofluoroethane) [Halogenated organic				
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 114 (dichlorotetrafluoroethane) [Halogenated organic	N 4		l.e.	literat ve
emissions to air]	Mass	9,32E-08	kg	Literature
R 116 (hexafluoroethane) [Halogenated organic emissions to air]	Mass	1,11E-07	ka	Literature
	111033	I, I I L- 07	kg	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
R 12 (dichlorodifluoromethane) [Halogenated organic emissions to air]	Mass	5,76E-09	kg	Literature
R 124 (chlorotetrafluoroethane) [Halogenated organic emissions to air]	Mass	0,00E+00	kg	(No statement)
R 13 (chlorotrifluoromethane) [Halogenated organic emissions to air]	Mass	4,06E-10	kg	Literature
R 134a (tetrafluoroethane) [Halogenated organic emissions to air]	Mass	3,62E-06	kg	(No statement)
R 21 (Dichlorofluoromethane) [Halogenated organic emissions to air] R 22 (chlorodifluoromethane) [Halogenated organic	Mass	1,90E-15	kg	(No statement)
emissions to air] R 23 (trifluoromethane) [Halogenated organic emissions	Mass	5,68E-07	kg	Literature
to air] Radioactive emissions (general) [Radioactive emissions	Mass	6,03E-13	kg	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	9,29E-02	Bq	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	2,62E+00	Bq	(No statement)
to fresh water]	Activity	3,18E+02	Bq	(No statement)
Radioactive tailings [Radioactive waste]	Mass	1,28E-04	kg	Calculated
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	3,25E+00	Bq	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	1,48E+00	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	1,76E+00	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	5,49E+02	Bq	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	4,16E+00	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	4,01E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	6,50E+00	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	2,97E+00	Bq	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	2,15E-02	Bq	(No statement)
Radon (Rn222) [Air]	Activity	6,00E+06	Bq	(No statement)
Radon (Rn222) [Radioactive emissions to air] Radon (Rn-daughter nukleade) [Radioactive emissions to	Activity	1,43E+05	Bq	(Literature)
air] Red mud (wet) (3% NaOH) [Hazardous waste for	Activity	4,77E-10	Bq	(No statement)
disposal]	Mass	3,61E-08	kg	Measured
Rolling gravel [Waste for recovery]	Mass	1,19E-11	kg	Measured
Rolling tinder [Waste for recovery]	Mass	3,61E-13	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	9,80E-07	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air] Ruthenium (Ru103) [Radioactive emissions to fresh	Activity	1,88E-08	Bq	(No statement)
water] Ruthenium (Ru106) [Radioactive emissions to fresh	Activity	1,83E-05	Bq	(No statement)
water]	Activity	5,77E-04	Bq	Calculated
Salt slag [Waste for recovery]	Mass	7,82E-10	kg	Calculated
Scandium [Fresh water]	Mass	6,19E-07	kg	(No statement)
Scandium [Inorganic emissions to air]	Mass	9,39E-09	kg	(Calculated)
Scandium [Inorganic emissions to fresh water]	Mass	1,40E-07	kg	(No statement)
Selenium [Fresh water]	Mass	1,45E-06	kg	(No statement)
Selenium [Heavy metals to air]	Mass	8,13E-07	kg	(Literature)
Selenium [Heavy metals to fresh water]	Mass	1,11E-06	kg	(Literature)
Selenium [Heavy metals to sea water] Sewage sludge (waste water processing) [Hazardous	Mass	9,52E-09	kg	(No statement)
waste]	Mass	2,03E-08	kg	Calculated
Silicate particles [Inorganic emissions to fresh water]	Mass	3,75E-17	kg	Measured
Silicium tetrafluoride [Inorganic emissions to air]	Mass	2,78E-09	kg	(No statement)

Flow Outpute	Ourontitut	A	11	Origin of data
Flow - Outputs			Unit	Origin of data
Silver (Ag110m) [Radioactive emissions to air]	Activity	1,87E-07	Bq	(No statement)
Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	4,96E-01	Bq	(Literature)
Silver [Fresh water]	Mass	8,70E-07	kg	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	3,03E-09	kg ka	(No statement)
Silver [Heavy metals to air]	Mass	2,07E-11	kg	(No statement)
Silver [Heavy metals to fresh water]	Mass	1,15E-07	kg	(Literature)
Silver [Heavy metals to sea water]	Mass	1,78E-08	kg	(No statement)
Slag (Iron plate production) [Waste for recovery]	Mass	4,61E-06	kg	Measured
Slag [Hazardous waste]	Mass	1,16E-04	kg	(Calculated)
Slag [Waste for recovery]	Mass	1,11E-05	kg	(Literature)
Sludge (fibrils, spent bleaching agent) [Waste for recovery]	Mass	1,58E-04	kg	Calculated
Sludge (from processing) [Waste for recovery]	Mass	2,44E-07	kg	Calculated
Sludge [Hazardous waste]	Mass	2,44E-07 6,61E-02	kg	(Literature)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	6,57E-04	Bq	(No statement)
Sodium [Fresh water]	Mass	6,05E-03	kg	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	4,78E-02	kg	(Literature)
Sodium [Inorganic emissions to sea water]	Mass	9,09E-02	kg	(No statement)
Sodium chlorate [high population density]	Mass	9,09E-03 1,56E-07	kg	(No statement)
Sodium dichromate [high population density]	Mass	5,67E-07	kg	(No statement)
Sodium formate [high population density]	Mass	1,55E-05	kg	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	3,73E-05	kg	(No statement)
Soli loss by erosion into water [Particles to fresh water]	Mass	2,73E-03	kg	Literature
Solids (dissolved) [Analytical measures to fresh water]	Mass	8,25E-02	kg	(Literature)
Solids (ussolved) [Analytical measures to nesh water]	Mass	2,49E-01	kg	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	2,49E-01 2,28E-02	kg	(Literature)
Solids (suspended) [Particles to sea water]	Mass	2,68E-02	kg	(No statement)
Steam [Inorganic emissions to air]	Mass	2,00E-03 5,66E-02	kg	(Calculated)
Steel works slag [Waste for recovery]	Mass	1,86E-12	kg	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	1,89E-02	Bq	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	8,16E+01	Bq	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	6,78E+00	Bq	(No statement)
Strontium [Fresh water]	Mass	9,92E-05	kg	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	3,46E-09	kg	(No statement)
Strontium [Heavy metals to fresh water]	Mass	3,98E-04	kg	(Literature)
Strontium [Heavy metals to industrial soil]	Mass	5,53E-07	kg	(No statement)
Strontium [Heavy metals to sea water]	Mass	1,79E-04	kg	(No statement)
Strontium [Inorganic emissions to air]	Mass	2,23E-06	kg	(Calculated)
Styrene [Group NMVOC to air]	Mass	7,55E-10	kg	(No statement)
Sulphate [Fresh water]	Mass	5,57E-02	kg	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	2,86E-02	kg	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	1,46E-03	kg	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	7,06E-07	kg	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	1,31E-07	kg	(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	1,34E-05	kg	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	4,44E-05	kg	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	3,61E-05	kg	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass	3,32E-05	kg	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	4,77E-07	kg	(No statement)
Sulphur dioxide [Inorganic emissions to air]	Mass	4,81E-02	kg	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass	1,73E-06	kg	Literature
Sulphuric acid [Inorganic emissions to air]	Mass	4,94E-11	kg	Calculated
Tailings [Stockpile goods]	Mass	2,25E-01	kg	(Literature)
0-11 - 01		,	3	() = = = = = = = = = = = = = = = = = =

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Tebutam [Pesticides to agricultural soil]	Mass	1,61E-07	kg	(No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	made	1,012 01	Ng	(into oracomondy
water]	Activity	2,00E-03	Bq	(No statement)
Teflubenzuron [Pesticides to agricultural soil]	Mass	1,63E-07	kg	(No statement)
Tellurium (Te123m) [Radioactive emissions to fresh	• .• •		_	
water]	Activity	1,53E-02	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water] Tetrafluoromethane [Halogenated organic emissions to	Activity	5,02E-06	Bq	(No statement)
air]	Mass	9,90E-07	kg	Literature
Thallium [Fresh water]	Mass	4,29E-07	kg	(No statement)
Thallium [Heavy metals to air]	Mass	1,53E-08	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	2,59E-08	kg	(Measured)
Thermal energy (MJ) [Thermal energy]	Energy	2,64E+00	мJ	Literature
Thorium (Th228) [Radioactive emissions to air]	Activity	6,83E-02	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	1,30E+01	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	5,96E+00	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	3,80E+02	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	1,17E+02	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	6,06E-02	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	1,19E-01	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	4,63E-02	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	8,57E-01	Bq	(No statement)
Tin [Fresh water]	Mass	5,80E-05	kg	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	1,91E-08	kg	(No statement)
Tin [Heavy metals to air]	Mass	2,64E-07	kg	(Calculated)
Tin [Heavy metals to fresh water]	Mass	7,21E-08	kg	Literature
Titanium [Heavy metals to agricultural soil]	Mass	4,43E-06	kg	(No statement)
Titanium [Heavy metals to air]	Mass	3,68E-06	kg	(Calculated)
Titanium [Heavy metals to fresh water]	Mass	1,48E-06	kg	(Literature)
Titanium [Heavy metals to sea water]	Mass Mass	3,77E-09 7,89E-05	kg ka	(No statement)
Toluene (methyl benzene) [Group NMVOC to air] Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	7,89E-05 1,65E-05	kg kg	(Literature) (Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	4,52E-06	kg	(No statement)
Top Cover (E-Paper) [Flows]	Mass	3,46E+00	kg	(Literature)
Total dissolved organic bounded carbon [Analytical	Made	0,102100	Ng	(Entertation)
measures to fresh water]	Mass	1,17E-02	kg	(Literature)
Total dissolved organic bounded carbon [Analytical				
measures to sea water]	Mass	1,08E-03	kg	(No statement)
Total organic bounded carbon [Analytical measures to fresh water]	Mass	4 545 02	ka	(Litoroturo)
Total organic bounded carbon [Analytical measures to	111222	4,54E-02	kg	(Literature)
sea water]	Mass	1,08E-03	kg	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	2,30E-02	kg	(No statement)
Tot-P to water [STFI-PF import]	Mass	8,85E-06	kg	Literature
Treatment residue (mineral) [Stockpile goods]	Mass	5,11E-04	kg	Calculated
Tributyltinoxide [Pesticides to sea water]	Mass	1,49E-07	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic			-	
emissions to air]	Mass	3,68E-09	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic	Masa		1	
emissions to fresh water]	Mass	1,90E-15	kg	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	1,48E-06	kg ka	(No statement)
Tungsten [Fresh water] Tungsten [Heavy metals to fresh water]	Mass Mass	3,95E-07	kg ka	(No statement)
Unused primary energy from solar energy [Other	111022	2,53E-07	kg	(No statement)
emissions to air]	Mass	2,69E-06	kg	Estimated
		,	3	

	•			
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Uranium (total) [Radioactive emissions to air]	Activity	2,57E+00	Bq	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	5,64E-01	Bq	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	1,03E+00	Bq	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	2,63E-02	Bq	(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	1,70E+00	Bq	(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	7,04E-01	Bq	(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	2,84E+00	Bq	(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	8,14E-01	Bq	(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	4,96E+01	Bq	(Literature)
Uranium depleted [Radioactive waste]	Mass	5,03E-07	kg	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	1,77E-08	kg	(Calculated)
Used air [Other emissions to air]	Mass	2,04E-02	kg	(Measured)
Vanadium [Fresh water]	Mass	6,80E-05	kg	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	1,27E-07	kg	(No statement)
Vanadium [Heavy metals to air]	Mass	3,40E-05	kg	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	2,25E-06	kg	(Literature)
Vanadium [Heavy metals to sea water]	Mass	1,90E-08	kg	(No statement)
Waste (unspecified) [Consumer waste]	Mass	2,11E-03	kg	(Calculated)
Waste for recovery (unspecified) [Waste for recovery]	Mass	1,89E+00	kg	Literature
Waste heat [Fresh water]	Energy	8,97E-01	MJ	(No statement)
Waste heat [Other emissions to air]	Energy	4,26E+02	MJ	(Calculated)
Waste heat [Other emissions to fresh water]	Energy	1,24E+01	MJ	(Calculated)
Waste radioactive [Radioactive waste]	Mass	3,38E-07	kg	(Literature)
Waste water [Other emissions to fresh water]	Mass	4,32E+00	kg	(Literature)
Waste water processing residue [Hazardous waste for				
recovery]	Mass	3,87E-06	kg	Literature
Water (desalinated; deionized) [Operating materials]	Mass	3,22E-08	kg	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic			1	
emissions to air]	Mass	3,62E-07	kg	(No statement)
Vinyl chloride (VCM; chloroethene) [Halogenated organic emissions to fresh water]	Mass	2,80E-08	ka	(No statement)
VOC (unspecified) [Organic emissions to air (group	IVId55	2,00E-00	kg	(No statement)
VOC)]	Mass	3,90E-02	kg	Literature
VOC [Organic emissions to fresh water]	Mass	2,49E-05	kg	(No statement)
VOC [Organic emissions to sea water]	Mass	1,04E-05	kg	(No statement)
Volatile fission products (inert gases;iodine;C14)	made	1,012 00	Ng	
[Radioactive waste]	Mass	1,48E-10	kg	(Calculated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	2,76E+00	Bq	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	9,31E+01	Bq	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	3,32E-01	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	3,76E+01	Bq	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	2,22E+01	Bq	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	5,00E-01	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	4,18E+00	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	7,89E-05	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to		.,		(00.00.0000)
fresh water]	Mass	8,28E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to			-	
sea water]	Mass	3,60E-06	kg	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group		o 4==		
NMVOC to air]	Mass	6,45E-06	kg	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	3,61E-06	Bq	(No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	8,90E-03	Bq	(No statement)
Zinc [Fresh water]	Mass	6,10E-04	kg	(No statement)

LCI Data - Printed newspaper, Swedish scenario

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Zinc [Heavy metals to agricultural soil]	Mass	1,86E-05	kg	(No statement)
Zinc [Heavy metals to air]	Mass	4,06E-05	kg	(Literature)
Zinc [Heavy metals to fresh water]	Mass	6,41E-05	kg	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	2,22E-05	kg	Calculated
Zinc [Heavy metals to sea water]	Mass	3,82E-05	kg	(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	5,12E-15	kg	Measured
Zirconium (Zr) [Air]	Mass	8,77E-10	kg	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	3,53E-06	Bq	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	1,03E-04	Bq	(No statement)

Flow – Outputs

Quantity Amount Unit Origin of data

In the tables below the LCI data for the studied system "Web based newspaper, European scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Air [Operating materials]	Mass	3,59E-17	kg	Estimated
Air [Renewable resources]	Mass	1,22E+01	kg	(Calculated)
Aluminum [Non renewable elements]	Mass	1,79E-03	kg	(No statement)
Antimonite [Non renewable resources]	Mass	3,24E-11	kg	(No statement)
Barium sulphate [Non renewable resources]	Mass	2,35E-03	kg	(No statement)
Basalt [Non renewable resources]	Mass	1,64E-04	kg	(No statement)
Bauxite [Non renewable resources]	Mass	1,06E-02	kg	Calculated
Bentonite [Non renewable resources]	Mass	1,02E-03	kg	(Literature)
Borax [Non renewable resources]	Mass	6,39E-08	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	7,85E-12	kg	Literature
Carbon dioxide [Renewable resources]	Mass	3,50E-01	kg	Calculated
Catalyst [Operating materials]	Mass	3,29E-07	kg	Calculated
Chromium [Non renewable elements]	Mass	3,17E-04	kg	(No statement)
Chrysotile [Non renewable resources]	Mass	4,15E-08	kġ	(No statement)
Cinnabar [Non renewable resources]	Mass	3,95E-09	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	3,81E-09	kġ	Calculated
Clay [Non renewable resources]	Mass	1,06E-02	kg	(No statement)
Cobalt [Non renewable elements]	Mass	6,49E-10	kġ	(No statement)
Colemanite ore [Non renewable resources]	Mass	1,91E-04	kg	Calculated
Cooling water [Operating materials]	Mass	5,80E+00	kġ	(Measured)
Copper [Non renewable elements]	Mass	9,69E-04	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	2,57E+00	kg	Measured
Copper ore (0.3%) [Non renewable resources]	Mass	1,04E-08	kg	Estimated
Crude oil [Crude oil (resource)]	Mass	3,14E-01	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	3,23E-03	kg	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	1,24E-03	kg	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	7,54E-06	kg	Literature
Crude oil Australia [Crude oil (resource)]	Mass	2,89E-04	kg	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	1,63E-04	kg	Literature
Crude oil Cameroon [Crude oil (resource)]	Mass	5,05E-04	kg	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	4,28E-03	kg	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	4,22E-05	kg	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	2,59E-05	kg	(Calculated)
Crude oil China [Crude oil (resource)]	Mass	2,19E-02	kg	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	1,36E-02	kg	(Literature)
Crude oil Colombia [Crude oil (resource)]	Mass	1,66E-06	kg	(Literature)
Crude oil Denmark [Crude oil (resource)]	Mass	5,00E-05	kg	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	1,43E-03	kg	(Estimated)
Crude oil France [Crude oil (resource)]	Mass	4,02E-05	kg	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	-1,32E-06	kg	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	6,73E-05	kg	(Estimated)
Crude oil Germany [Crude oil (resource)]	Mass	1,38E-03	kg	(Literature)
Crude oil Indonesia [Crude oil (resource)]	Mass	8,25E-05	kg	(Estimated)
Crude oil Iran [Crude oil (resource)]	Mass	6,52E-03	kg	(Estimated)

	Quantity	Amount	110:4	Origin of data
Flow - Inputs Crude oil Italy [Crude oil (resource)]	Quantity Mass	Amount 1,47E-03	Unit kg	Origin of data (Literature)
Crude oil Kuwait [Crude oil (resource)]	Mass	6,11E-04	-	(Estimated)
Crude oil Libya [Crude oil (resource)]	Mass	1,29E-02	•	(Literature)
Crude oil Mexico [Crude oil (resource)]	Mass	4,73E-04	-	(Literature)
Crude oil Middle East [Crude oil (resource)]	Mass	1,12E-04	-	(Calculated)
Crude oil Netherlands [Crude oil (resource)]	Mass	1,37E-04	•	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	1,01E-05	•	(Estimated)
Crude oil Nigeria [Crude oil (resource)]	Mass	3,33E-03	-	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	8,03E-05	•	(Calculated)
Crude oil Norway [Crude oil (resource)]	Mass	1,11E-02	-	(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	1,16E-03	0	(Estimated)
Crude oil Qatar [Crude oil (resource)]	Mass	3,35E-05	-	(Estimated)
Crude oil Saudi Arabia [Crude oil (resource)]	Mass	9,72E-03	-	(Estimated)
Crude oil South Africa [Crude oil (resource)]	Mass	0,00E+00	kg	(No statement)
Crude oil Tunisia [Crude oil (resource)]	Mass	6,67E-05	kg	(Literature)
Crude oil United Arab Emirates [Crude oil (resource)]	Mass	4,30E-05	kg	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]	Mass	1,07E-02	-	(Literature)
Crude oil USA [Crude oil (resource)]	Mass	4,68E-05	kg	(Literature)
Crude oil Venezuela [Crude oil (resource)]	Mass	2,86E-03	•	(Literature)
Diatomite [Non renewable resources]	Mass	3,11E-10	•	(No statement)
Dolomite [Non renewable resources]	Mass	8,74E-05	-	(Literature)
[Energy	-,		()
Energy, calorific value, in organic substance [biotic]	ren.	3,86E+00	MJ	(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	3,98E-11	kg	(No statement)
Fluorine [Non renewable elements]	Mass	3,20E-06	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable		.		
resources]	Mass	2,80E-04		Calculated
Granite [Non renewable resources]	Mass	1,29E-07	kg	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	3,06E-07	kg	(No statement)
Hard coal [Hard coal (resource)]	Mass	1,75E+00	kg	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	5,65E-03		(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	3,89E-04	kg ka	(Calculated)
Hard coal Brazil [Hard coal (resource)]	Mass Mass	3,59E-05 2,30E-03	0	Estimated (Calculated)
Hard coal Canada [Hard coal (resource)]	Mass		•	(Calculated)
Hard coal China [Hard coal (resource)] Hard coal CIS [Hard coal (resource)]	Mass	4,06E-01 2,47E-03		(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	2,47E-03 4,99E-03	kg ka	(Measured)
Hard coal Czech Republic [Hard coal (resource)]	Mass	4,99E-03	•	(Measured)
Hard coal France [Hard coal (resource)]	Mass	4,73E-03	-	(Calculated)
Hard coal Germany [Hard coal (resource)]	Mass	7,62E-02	-	(Calculated)
Hard coal Indonesia [Hard coal (resource)]	Mass	2,10E-03	•	(Measured)
Hard coal Japan [Hard coal (resource)]	Mass	3,77E-06	•	(Calculated)
Hard coal Poland [Hard coal (resource)]	Mass	1,00E-02	•	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	7,04E-05	kg	Estimated
Hard coal South Africa [Hard coal (resource)]	Mass	4,62E-02	•	(Measured)
Hard coal Spain [Hard coal (resource)]	Mass	9,34E-03	kg	(Calculated)
Hard coal United Kingdom [Hard coal (resource)]	Mass	1,21E-03	-	(Calculated)
Hard coal USA [Hard coal (resource)]	Mass	2,37E-02	-	(Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	5,24E-03	•	(Measured)
Heavy spar (barytes) [Non renewable resources]	Mass	1,27E-03	kg	(Literature)
Inert rock [Non renewable resources]	Mass	3,41E+00	0	(Literature)
Infrastructure telecommunication [Flows] Not followed	Number of	·, _····	3	(
from the cradle	pieces	1,06E-01	pcs.	Estimated

	0	•		
Flow - Inputs	Quantity	Amount	Unit	Origin of data
Iron [Non renewable elements]	Mass	1,83E-02	kg ka	(Estimated)
Iron ore (65%) [Non renewable resources] Iron ore [Non renewable resources]	Mass Mass	1,28E-04 1,47E-01	kg ka	(Estimated)
Kaolin ore [Non renewable resources]	Mass	2,20E-03	kg kg	(Calculated) Measured
Kaolinite (24% in ore as mined) [Non renewable	111222	2,202-03	kg	Measureu
resources]	Mass	1,88E-05	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable	made	1,002 00	Ng	
resources]	Mass	1,14E-07	kg	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	9,40E-03	kg	Calculated
Lead [Non renewable elements]	Mass	7,33E-04	kg	(No statement)
Lead ore [Non renewable resources]	Mass	1,77E-04	kg	Estimated
Lignite [Lignite (resource)]	Mass	2,24E+00	kg	(Estimated)
Lignite Australia [Lignite (resource)]	Mass	3,67E-04	kg	Literature
Lignite Australia [Lignite (resource)]	Mass	3,70E-05	kg	Literature
Lignite Austria [Lignite (resource)]	Mass	4,84E-07	kg	(Estimated)
Lignite France [Lignite (resource)]	Mass	5,65E-07	kg	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	4,14E-05	kg	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	5,14E-03	•	(Calculated)
Lignite Germany [Lignite (resource)]	Mass	1,96E-01	kg	(Literature)
Lignite Greece [Lignite (resource)]	Mass	8,85E-02	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	1,78E-02	kg	(Literature)
Lignite USA [Lignite (resource)]	Mass	5,23E-05	kg	Literature
Limestone (calcium carbonate) [Non renewable	Maaa	4 005 04	1.0	(:toroturo)
resources] Magnesit (Magnesium carbonate) [Non renewable	Mass	1,22E-01	кд	(Literature)
resources]	Mass	2,14E-04	kg	(No statement)
Magnesium [Non renewable elements]	Mass	1,85E-08	kg	(No statement)
Manganese [Non renewable elements]	Mass	3,90E-05	kg	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	7,65E-04	kg	Calculated
Molybdenite (Mo 0,24%) [Non renewable resources]	Mass	2,36E-05	kg	Estimated
Molybdenum [Non renewable elements]	Mass	5,46E-05	-	(No statement)
Natural Aggregate [Non renewable resources]	Mass	2,57E-01	•	Calculated
Natural gas [Natural gas (resource)]	Mass	7,08E-01	kg	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	5,49E-03	kg	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	1,01E-04	kg	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	2,47E-07	kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	1,15E-04	kg	(Estimated)
Natural gas Brazil [Natural gas (resource)]	Mass	4,10E-05	kg	(Estimated)
Natural gas Brunei [Natural gas (resource)]	Mass	4,27E-06	kg	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	4,09E-05	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	1,08E-04	•	(Literature)
Natural gas China [Natural gas (resource)]	Mass	1,24E-03	-	(Calculated)
Natural gas CIS [Natural gas (resource)]	Mass	6,98E-02	•	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	6,30E-08	•	(Literature)
Natural gas Denmark [Natural gas (resource)]	Mass	1,88E-03	0	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	1,16E-04		(Estimated)
Natural gas France [Natural gas (resource)]	Mass	1,75E-04	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	5,58E-06	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	3,72E-02	-	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	2,09E-05	kg	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	2,44E-04	kg ka	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	2,98E-03		(Literature)
Natural gas Japan [Natural gas (resource)] Natural gas Kuwait [Natural gas (resource)]	Mass Mass	1,22E-06 2,28E-05	kg kg	Estimated (Estimated)
Tratural yas huwan [tratural yas (tesource)]	111099	2,205-05	кy	(Loundled)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Natural gas Libyan [Natural gas (resource)]	Mass	1,25E-03		(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	6,04E-06	0	Estimated
Natural gas Mexico [Natural gas (resource)]	Mass	1,56E-05	0	(Literature)
Natural gas Netherlands [Natural gas (resource)]	Mass	6,31E-02	•	(Estimated)
Natural gas New Zealand [Natural gas (resource)]	Mass	2,22E-07	•	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	2,70E-04	•	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	2,97E-02	•	(Estimated)
Natural gas Oman [Natural gas (resource)]	Mass	4,32E-05	•	(Estimated)
Natural gas Qatar [Natural gas (resource)]	Mass	1,25E-06	0	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	3,63E-04	•	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	5,33E-05	•	(Estimated)
Natural gas Tunisia [Natural gas (resource)]	Mass	5,41E-06	•	(Literature)
Natural gas United Arab Emirates [Natural gas	made	0,112 00	Ng	(Entertation)
(resource)]	Mass	4,66E-06	kg	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	1,48E-03	kg	(Literature)
Natural gas USA [Natural gas (resource)]	Mass	1,42E-04	kg	(Estimated)
Natural gas Venezuela [Natural gas (resource)]	Mass	1,68E-04	kg	(Literature)
Nickel [Non renewable elements]	Mass	8,75E-04	kg	(No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	7,18E-03	kg	Measured
Nitrogen [Renewable resources]	Mass	4,62E-07	kg	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime	8,61E-05	-	(No statement)
Occupation, construction site [Hemerobie ecoinvent]	Areatime	2,09E-04	m2*yr	(No statement)
Occupation, dump site [Hemerobie ecoinvent]	Areatime	1,07E-02	m2*yr	(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime	4,19E-04	m2*yr	(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent]	Areatime	3,06E-04	m2*yr	(No statement)
Occupation, forest, intensive, normal [Hemerobie			-	
ecoinvent]	Areatime			(No statement)
Occupation, industrial area [Hemerobie ecoinvent]	Areatime	6,35E-03	m2*yr	(No statement)
Occupation, industrial area, benthos [Hemerobie	A		0.*	
ecoinvent]	Areatime	4,16E-06	m2^yr	(No statement)
Occupation, industrial area, built up [Hemerobie ecoinvent]	Areatime	1 17E-01	m2*vr	(No statement)
Occupation, industrial area, vegetation [Hemerobie	Aleatime	4,47 ⊑-04	IIIZ yi	
ecoinvent]	Areatime	3,59E-04	m2*vr	(No statement)
Occupation, mineral extraction site [Hemerobie		·	,	,
ecoinvent]	Areatime	7,66E-03	m2*yr	(No statement)
Occupation, permanent crop, fruit, intensive [Hemerobie		_		
ecoinvent]	Areatime	1,36E-05	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie	Areatime		m2*\/r	(No statement)
ecoinvent] Occupation, traffic area, rail embankment [Hemerobie	Areaume	4,00E-05	ша уг	(NO Statement)
ecoinvent]	Areatime	3 13E-04	m2*vr	(No statement)
Occupation, traffic area, rail network [Hemerobie	, a catalité	0,102 01).	
ecoinvent]	Areatime	3,47E-04	m2*yr	(No statement)
Occupation, traffic area, road embankment [Hemerobie				. ,
ecoinvent]	Areatime	1,62E-03	m2*yr	(No statement)
Occupation, traffic area, road network [Hemerobie	A		•	
ecoinvent]	Areatime	1,17E-03	m2*yr	(No statement)
Occupation, urban, discontinuously built [Hemerobie ecoinvent]	Areatime	1 78E-07	m2*vr	(No statement)
Occupation, water bodies, artificial [Hemerobie	Aleaume	1,700-07	IIIZ YI	(NO Statement)
ecoinvent]	Areatime	2.16E-02	m2*vr	(No statement)
Occupation, water courses, artificial [Hemerobie		, <u> </u>	- ,-	(
ecoinvent]	Areatime	8,46E-03	m2*yr	(No statement)
Olivine [Non renewable resources]	Mass	3,42E-09	kg	(No statement)
Palladium [Non renewable elements]	Mass	1,24E-09	kg	(No statement)

	0	A	11	
Flow - Inputs	Quantity	Amount	Unit	Origin of data
Peat [Renewable resources]	Mass	2,38E-02	•	(No statement)
Phosphorus [Non renewable elements]	Mass	1,29E-05	•	(No statement)
Phosphorus minerals [Non renewable resources]	Mass	2,05E-07		
Pit gas [Natural gas (resource)]	Mass	2,27E-02	0	(Literature)
Platinum [Non renewable elements]	Mass	2,01E-10	•	(No statement)
Potassium chloride [Non renewable resources]	Mass	7,23E-06	•	Calculated
Precious metal ore (R.O.M) [Non renewable resources]	Mass	1,65E-01	kg	Calculated
Primary energy from hydro power (BUWAL) [Renewable energy resources]	Energy ren.	-9,41E-05	мт	Literature
Primary energy from hydro power [Renewable energy	Energy	-3,412-03	1010	Literature
resources]	ren.	1,78E+01	MJ	(Literature)
Primary energy from solar energy [Renewable energy	Energy	,		· · · ·
resources]	ren.	3,80E-02	MJ	Literature
Primary energy from wind power [Renewable energy	Energy			
resources]	ren.	2,13E+00		Calculated
Process and cooling water [Operating materials]	Mass	2,89E-09	•	Literature
Process water [Operating materials]	Mass	1,80E+01	kg	(Measured)
Quartz sand (silica sand; silicon dioxide) [Non renewable			1	(1::
resources]	Mass	4,58E-03		(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	-1,55E-07	0	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	-1,34E-07	•	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	-2,19E-07	0	Literature
Refractory [Minerals]	Mass	1,43E-12	•	Measured
Renewable fuels [Renewable energy resources]	Mass	-1,64E-06	0	Calculated
Rhenium [Non renewable elements]	Mass	9,45E-12	•	(No statement)
Rhodium [Non renewable elements]	Mass	3,42E-11	kg	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	1,34E-11	kg	(No statement)
sand [Non renewable resources]	Mass	1,05E-05	•	(No statement)
Silver [Non renewable elements]	Mass	9,00E-09	kg	(No statement)
Slate [Non renewable resources]	Mass	2,19E-08	kg	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	5,99E-02	•	(Literature)
Sodium sulphate [Non renewable resources]	Mass	2,99E-05	0	Literature
Soil [Non renewable resources]	Mass	5,93E-03	•	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass Mass	9,37E-03		
Sulphite [Inorganic emissions to sea water]		3,11E-16		(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	4,91E-08	0	(Literature)
Sulphur [Non renewable elements]	Mass	5,05E-06	0	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	5,00E-06	•	(No statement) Calculated
Talc [Non renewable resources]	Mass	1,54E-04	•	
Tin [Non renewable elements]	Mass	2,40E-07	•	(No statement)
Tin ore [Non renewable resources]	Mass	7,15E-04	•	Estimated
Titanium dioxide [Non renewable resources]	Mass	2,42E-04	kg ka	(No statement)
Titanium ore [Non renewable resources]	Mass	2,26E-06	•	(No statement)
Transformation, from arable [Hemerobie ecoinvent] Transformation, from arable, non-irrigated [Hemerobie	Area	6,79E-06	sqm	(No statement)
ecoinvent]	Area	1,59E-04	sam	(No statement)
Transformation, from arable, non-irrigated, fallow	Alca	1,000 04	Sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,15E-07	sqm	(No statement)
Transformation, from dump site, inert material landfill			•	· · · · · ·
[Hemerobie ecoinvent]	Area	6,07E-06	sqm	(No statement)
Transformation, from dump site, residual material landfill				
[Hemerobie ecoinvent]	Area	3,36E-06	sqm	(No statement)
Transformation, from dump site, sanitary landfill	Arec	2 20F 07	0.000	(No ototoment)
[Hemerobie ecoinvent]	Area	2,29E-07	•	(No statement)
Transformation, from dump site, slag compartment	Area	9,30E-08	SYIII	(No statement)

Flow - Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, from forest [Hemerobie ecoinvent] Transformation, from forest, extensive [Hemerobie	Area	5,33E-04	sqm	(No statement)
ecoinvent] Transformation, from industrial area [Hemerobie	Area	1,15E-03	sqm	(No statement)
ecoinvent] Transformation, from industrial area, benthos [Hemerobie	Area	1,79E-05	sqm	(No statement)
ecoinvent] Transformation, from industrial area, built up [Hemerobie	Area	2,04E-08	sqm	(No statement)
ecoinvent] Transformation, from industrial area, vegetation	Area	3,16E-09	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, from mineral extraction site [Hemerobie	Area	5,39E-09	sqm	(No statement)
ecoinvent] Transformation, from pasture and meadow [Hemerobie	Area	1,19E-04	sqm	(No statement)
ecoinvent] Transformation, from pasture and meadow, intensive	Area	7,48E-05	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, from sea and ocean [Hemerobie	Area	1,28E-07	sqm	(No statement)
ecoinvent] Transformation, from shrub land, sclerophyllous	Area	4,20E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	5,93E-05	sam	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	5,91E-04	•	(No statement)
Transformation, to arable [Hemerobie ecoinvent] Transformation, to arable, non-irrigated [Hemerobie	Area	1,42E-04	•	(No statement)
ecoinvent] Transformation, to arable, non-irrigated, fallow	Area	1,59E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,63E-07	sqm	(No statement)
Transformation, to dump site [Hemerobie ecoinvent] Transformation, to dump site, benthos [Hemerobie	Area	8,68E-05	•	(No statement)
ecoinvent] Transformation, to dump site, inert material landfill	Area	4,19E-04	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to dump site, residual material landfill	Area	6,07E-06	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to dump site, sanitary landfill [Hemerobie	Area	3,36E-06	sqm	(No statement)
ecoinvent] Transformation, to dump site, slag compartment	Area	2,29E-07	sqm	(No statement)
[Hemerobie ecoinvent]	Area	9,30E-08	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent] Transformation, to forest, intensive [Hemerobie	Area	2,66E-05	sqm	(No statement)
ecoinvent] Transformation, to forest, intensive, normal [Hemerobie	Area	2,04E-06	sqm	(No statement)
ecoinvent] Transformation, to heterogeneous, agricultural	Area	1,14E-03	sqm	(No statement)
[Hemerobie ecoinvent]	Area	2,43E-05	sqm	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent] Transformation, to industrial area, benthos [Hemerobie	Area	1,20E-04		(No statement)
ecoinvent] Transformation, to industrial area, built up [Hemerobie	Area	1,54E-07	sqm	(No statement)
ecoinvent] Transformation, to industrial area, vegetation [Hemerobie	Area	1,45E-05	sqm	(No statement)
ecoinvent] Transformation, to mineral extraction site [Hemerobie	Area	1,03E-05	sqm	(No statement)
ecoinvent] Transformation, to pasture and meadow [Hemerobie	Area	6,72E-04	sqm	(No statement)
ecoinvent]	Area	2,58E-06	sam	(No statement)
Transformation, to permanent crop, fruit, intensive	Area	2,29E-07		(No statement)

Flow - Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, to sea and ocean [Hemerobie ecoinvent] Transformation, to shrub land, sclerophyllous [Hemerobie	Area	2,04E-08	sqm	(No statement)
ecoinvent] Transformation, to traffic area, rail embankment	Area	9,75E-06	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, rail network [Hemerobie	Area	7,29E-07	sqm	(No statement)
ecoinvent] Transformation, to traffic area, road embankment	Area	8,02E-07	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	1,13E-05	sqm	(No statement)
ecoinvent] Transformation, to unknown [Hemerobie ecoinvent]	Area Area	1,69E-05 1,57E-05	•	(No statement) (No statement)
Transformation, to urban, discontinuously built [Hemerobie ecoinvent]	Area	3,54E-09	sqm	(No statement)
Transformation, to water bodies, artificial [Hemerobie ecoinvent]	Area	1,57E-04	sqm	(No statement)
Transformation, to water courses, artificial [Hemerobie ecoinvent]	Area	1,03E-04		(No statement)
Ulexite [Non renewable resources]	Mass	1,02E-06	•	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-4,32E-09	kg	Literature
Uranium free ore [Uranium (resource)]	Mass	6,59E-17	kg	Literature
Uranium natural [Uranium (resource)]	Mass	1,52E-04	kg	(Literature)
Waste (solid) [Waste for disposal]	Mass	0,00E+00	kg	(No statement)
Waste for recovery (unspecified) [Waste for recovery]	Mass	1,00E-01	kg	(No statement)
Water (feed water) [Water]	Mass	4,27E-03	kg	(Literature)
Water (ground water) [Water]	Mass	1,59E+01	kg	(Estimated)
Water (lake water) [Water]	Mass	1,05E-01	kg	(No statement)
Water (river water) [Water]	Mass	5,81E+01	kg	(No statement)
Water (sea water) [Water]	Mass	8,93E+00	kg	(Literature)
Water (surface water) [Water]	Mass	6,31E+01	kg	(Literature)
Water [Water]	Mass	3,04E+02	kg	(Literature)
Water for industrial use [Operating materials]	Mass	1,94E+00	kg	(Calculated)
Water, salt, sole [in water]	Volume	2,44E-04	•	(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	8,42E+01	m3	(No statement)
Vermiculite [Non renewable resources] Volume occupied, final repository for low-active	Mass	1,00E-07		(No statement)
radioactive waste [Hemerobie ecoinvent] Volume occupied, final repository for radioactive waste	Volume	2,79E-07	m3	(No statement)
[Hemerobie ecoinvent]	Volume Cubic meter	7,05E-08	m3	(No statement)
Volume occupied, reservoir [Hemerobie ecoinvent] Volume occupied, underground deposit [Hemerobie	years	2,83E-01	m3a	(No statement)
ecoinvent]	Volume	1,38E-07	m3	(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	-3,06E-03	kg	Literature
Wood [Renewable energy resources]	Mass	2,41E-03	kġ	(Estimated)
Wood, hard, standing [biotic]	Volume	1,16E-04	•	(No statement)
Wood, soft, standing [biotic] Zinc - copper ore (4.07%-2.59%) [Non renewable	Volume	2,59E-04		(No statement)
resources] Zinc - lead - copper ore (12%-3%-2%) [Non renewable	Mass	1,23E-01	Ū	(Estimated)
resources] Zinc - lead ore (4.21%-4.96%) [Non renewable	Mass	9,20E-02	Ū	Calculated
resources]	Mass	1,46E-10	•	Estimated
Zinc [Non renewable elements]	Mass	2,89E-05	kg	(No statement)

Flow - Inputs Zinc ore (sulphide) [Non renewable resources]	Quantity Mass	Amount 1,01E-11	Unit kg	Origin of data Calculated
		·	U	
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water]	Mass	8,12E-11		(No statement)
Acenaphthene [Hydrocarbons to sea water]	Mass	4,06E-11	kg	(No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	5,08E-12	•	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	2,54E-12	0	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	2,16E-11	0	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	3,35E-06	•	(Literature)
Acetic acid [Group NMVOC to air]	Mass	1,66E-05	•	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	1,76E-07	•	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air] Acid (calculated as H+) [Inorganic emissions to fresh	Mass	4,38E-06	U	(Literature)
water]	Mass	1,51E-05	•	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	2,60E-10		(No statement)
Acrolein [Group NMVOC to air]	Mass	1,39E-09	0	(No statement)
Acrylonitrile [Hydrocarbons to fresh water] Adsorbable organic halogen compounds (AOX)	Mass	1,02E-05	U	(Calculated)
[Analytical measures to fresh water] Adsorbable organic halogen compounds (AOX)	Mass	4,18E-05	U	(Measured)
[Analytical measures to sea water]	Mass	3,32E-09	0	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	3,07E-06	Bq	(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	3,96E-01	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	1,39E-07	kg	(Literature)
Alkane (unspecified) [Group NMVOC to air]	Mass	4,81E-05	kg	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	1,70E-06	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	8,49E-07	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	3,20E-05	kg	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	1,57E-07	kg	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	7,84E-08	kg	(No statement)
Aluminum [Fresh water]	Mass	6,13E-03	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	8,67E-06	kg	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	6,51E-05	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	1,14E-05	kg	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	4,84E-06	kġ	(No statement)
Aluminum [Particles to air]	Mass	2,45E-04	kg	(No statement)
Aluminum scrap [Waste for recovery] Americium (Am241) [Radioactive emissions to fresh	Mass	1,11E-06	•	Measured
water]	Activity	1,92E-02	Bq	Calculated
Ammonia [Inorganic emissions to air]	Mass	1,76E-04	•	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	4,67E-07	•	(Measured)
Ammonium / ammonia [Fresh water] Ammonium / ammonia [Inorganic emissions to fresh	Mass	6,71E-07	•	(No statement)
water]	Mass	6,90E-05	ka	(Literature)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	4,74E-07	0	(No statement)
Ammonium [Inorganic emissions to air]	Mass	2,56E-06	0	Measured
Ammonium carbonate [high population density]	Mass	4,08E-09	-	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	2,89E-10	•	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	9,26E-05	•	(No statement)
	•		•	. ,
Antimony (Sb124) [Radioactive emissions to air]	Activity	1,39E-04	-	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	6,51E-02	-	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	2,40E-06	•	(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	6,20E-02	•	(Literature)
Antimony [Fresh water]	Mass	1,33E-04	кд	(No statement)

	•	•	••••	
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Antimony [Heavy metals to agricultural soil]	Mass	3,72E-13	kg	(No statement)
Antimony [Heavy metals to air]	Mass	7,56E-07	kg	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	7,23E-05	kg Da	(No statement)
Argon (Ar41) [Radioactive emissions to air] Aromatic hydrocarbons (unspecified) [Group NMVOC to	Activity	8,60E+01	Bq	(Literature)
air] Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Mass	4,45E-07	kg	(Calculated)
fresh water]	Mass	6,86E-06	kg	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Maaa	2.975.06	ka	(No statement)
sea water]	Mass Mass	3,87E-06 2,62E-07	kg ka	(No statement)
Arsenic [Fresh water] Arsenic [Heavy metals to agricultural soil]	Mass	2,02E-07 2,53E-09	•	(No statement) (No statement)
Arsenic [Heavy metals to air]	Mass	2,53E-09 1,23E-06	•	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	5,36E-06	-	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	2,31E-07	0	Measured
Arsenic [Heavy metals to reducinal soli] Arsenic [Heavy metals to sea water]	Mass	2,31E-07 9,25E-09	0	(No statement)
Arsenic trioxide [Heavy metals to sea water]	Mass	6,88E-12	•	Measured
Alse in choose [neavy metals to all] Ash [Stockpile goods] Not followed to the grave	Mass	-1,46E-05	•	Calculated
Ash [Stockpile goods] Not followed to the grave	Mass	1,17E-11	kg kg	(No statement)
		1,17E-11 1,56E-04	•	. ,
Barium (Ba140) [Radioactive emissions to air] Barium (Ba140) [Radioactive emissions to fresh water]	Activity Activity	4,06E-04	•	(No statement) (No statement)
Barium [Fresh water]	Mass	4,00E-04 1,13E-04	•	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	1,76E-10	kg kg	(No statement)
Barium [Inorganic emissions to agricultural soli] Barium [Inorganic emissions to air]	Mass	4,02E-06	kg	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	4,02L-00 1,34E-05	kg	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	1,34⊑-05 5,71E-06	kg	(No statement)
Barium [Inorganic emissions to industrial soli] Barium [Inorganic emissions to sea water]	Mass	5,70E-06	kg	(No statement)
Barytes [ocean]	Mass	2,61E-04	0	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	2,01E-04 4,14E-11	kg	(No statement)
Bentazone [Pesticides to agricultural soil]	Mass	1,32E-10	-	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	5,00E-11	kg	(No statement)
Benzene [Group NMVOC to air]	Mass	4,57E-05	-	(Literature)
Benzene [Hydrocarbons to fresh water]	Mass	1,41E-06	•	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	5,40E-07	-	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	2,09E-07	0	(Literature)
Beryllium [Fresh water]	Mass	8,50E-07	0	(No statement)
Beryllium [Inorganic emissions to air]	Mass	2,51E-08	•	(Literature)
Beryllium [Inorganic emissions to fresh water]	Mass	3,44E-09	-	(Literature)
Biological oxygen demand (BOD) [Analytical measures to		-,	3	()
fresh water]	Mass	3,97E-03	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to sea water]	Mass	9,87E-04	ka	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh	111222	9,67 ⊑-04	ĸġ	(NO Statement)
water]	Mass	3,87E-04	ka	(No statement)
Boiler ash (unspecified) [Waste for recovery]	Mass	-7,31E-05	•	Calculated
Boron [Fresh water]	Mass	1,48E-04	•	(No statement)
Boron [Inorganic emissions to air]	Mass	7,85E-08	0	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	5,94E-06	•	(Literature)
Boron [Inorganic emissions to sea water]	Mass	5,36E-08	0	(No statement)
Boron compounds (unspecified) [Inorganic emissions to		0,002 00		
air]	Mass	8,25E-05	kg	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	2,24E-07	-	(No statement)
Bromine [Fresh water]	Mass	5,14E-05	kg	(No statement)
Bromine [Inorganic emissions to air]	Mass	1,40E-05	kg	(Calculated)

Flaur Outwards	0	A	11	Onimin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Bromine [Inorganic emissions to fresh water] Bromine [Inorganic emissions to sea water]	Mass Mass	2,53E-04 4,57E-06	•	(No statement) (No statement)
Biomine [froiganic emissions to sea water] Butadiene [Group NMVOC to air]	Mass	4,37E-00 7,89E-14	-	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	1,32E-06	0	(Measured)
Butane [Group NMVOC to air]	Mass	5,08E-05	kg	(Literature)
Butene [Group NMVOC to air]	Mass	4,09E-07	kg	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	6,23E-10	kg	(No statement)
Cadmium [Fresh water]	Mass	3,91E-07	-	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	5,14E-09	•	(No statement)
Cadmium [Heavy metals to air]	Mass	2,89E-07	0	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	9,23E-07	kg	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	3,69E-08	-	Measured
Cadmium [Heavy metals to sea water]	Mass	2,33E-09	kg	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	3,78E-07	kg	(Literature)
Calcium [Fresh water]	Mass	2,25E-02	-	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	2,75E-03	•	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	2,12E-04	•	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	5,29E-11	kg	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	2,78E+02	-	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	9,97E-01	•	(Estimated)
Carbon (unspecified) [Organic emissions to agricultural		-,	- 1	()
soil]	Mass	2,27E-05	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial				
soil]	Mass	3,43E-05	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	3,35E-01	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	1,02E+01	kg	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	6,80E-06	kg	(No statement)
Carbon monoxide (biotic) [Air]	Mass	9,55E-05	kg	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	5,79E-03	kg	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated organic emissions to air]	Mass	1,90E-09	kg	(No statement)
Carbonate [Inorganic emissions to fresh water]	Mass	1,43E-05	kg	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	3,78E-05	-	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	1,62E-04	•	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	4,94E-05	•	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	5,37E-03	•	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	1,35E+00	•	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	2,88E-05	•	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	1,20E-02	•	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	9,22E+00	•	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	4,54E+01	•	(No statement)
Cesium [Heavy metals to fresh water]	Mass	1,30E-08	•	(No statement)
Cesium [Heavy metals to sea water]	Mass	6,53E-09	0	(No statement)
Chemical oxygen demand (COD) [Analytical measures to		-,	3	(
fresh water]	Mass	1,81E-02	kg	(Literature)
Chemical oxygen demand (COD) [Analytical measures to		_		
sea water]	Mass	9,93E-04	kg	Estimated
Chemical oxygen demand, CSB (Ecoinvent) [Fresh	Mass	1 100 02	ka	(No statement)
water] Chlorate [Inergania emissions to freeh water]		1,18E-03	0	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	1,94E-06 4,72E-06	•	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	4,72E-06 4,23E-05	-	(Measured)
Chloride [Fresh water] Chloride [Inorganic emissions to fresh water]	Mass Mass	4,23E-05 5,35E-02	0	(No statement) (Literature)
Chloride [Inorganic emissions to sea water]	Mass	3,28E-02	0	(No statement)
onionae [inorganic emissions to sea water]	111022	3,200-03	кy	

Chlorinated hydrocarbons (unspecified) [Halogenated organic emissions to fresh water]Mass8,19E-08kg(Estimated)Chlorine (dissolved) [Inorganic emissions to fresh water]Mass1,68E-05kg(Literature)Chlorine [Inorganic emissions to agricultural soil]Mass1,12E-06kg(No statement)Chlorine [Inorganic emissions to air]Mass7,97E-07kg(Literature)Chlorine [Inorganic emissions to industrial soil]Mass8,02E-05kg(No statement)Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass3,64E-09kgEstimatedChloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,59E-07kg(Literature)Chloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,69E-09kg(No statement)Chlorothalonil [Pesticides to agricultural soil]Mass6,16E-09kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06Bq(No statement)Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08kg(No statement)Chromium (unspecified) [Heavy metals to air]Mass1,69E-06kg(Literature)
Chlorine (dissolved) [Inorganic emissions to fresh water] Chlorine [Inorganic emissions to agricultural soil]Mass1,68E-05kg(Literature)Chlorine [Inorganic emissions to agricultural soil] Chlorine [Inorganic emissions to industrial soil] Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass1,68E-05kg(No statement)Chlorine [Inorganic emissions to industrial soil] Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass3,64E-09kgEstimatedChloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,59E-07kg(Literature)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass1,59E-07kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,16E-09kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,29E-02kg(No statement)Chromium (Cr51) [Radioactive emissions to fresh water] Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08kg(No statement)
Chlorine [Inorganic emissions to agricultural soil] Chlorine [Inorganic emissions to air]Mass1,12E-06 kg (No statement)Chlorine [Inorganic emissions to industrial soil] Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass8,02E-05 kg(No statement)Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass3,64E-09 kgEstimatedChloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,59E-07 kg(Literature)Chlorothalonil [Pesticides to agricultural soil] Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air] Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
Chlorine [Inorganic emissions to air]Mass7,97E-07kg(Literature)Chlorine [Inorganic emissions to industrial soil]Mass8,02E-05kg(No statement)Chloromethane (methyl chloride) [Halogenated organicMass3,64E-09kgEstimatedChloromethane (methyl chloride) [Halogenated organicMass3,64E-09kgEstimatedChloromethane (methyl chloride) [Halogenated organicMass1,59E-07kg(Literature)Chloromethane (methyl chloride) [Halogenated organicMass6,16E-09kg(No statement)Chlorothalonil [Pesticides to agricultural soil]Mass6,90E-09kg(No statement)Chlorous dissolvent [Halogenated organic emissions tofresh water]Mass6,90E-09kg(No statement)Chlorous dissolvent [Halogenated organic emissions tosea water]Mass6,11E-16kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06Bq(No statement)Chromium (unspecified) [Heavy metals to agriculturalMass7,52E-08kg(No statement)
Chlorine [Inorganic emissions to industrial soil] Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass8,02E-05 kg(No statement)Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass3,64E-09 kgEstimatedChloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,59E-07 kg(Literature)Chlorothalonil [Pesticides to agricultural soil] Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,16E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air] Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
Chloromethane (methyl chloride) [Halogenated organic emissions to air]Mass3,64E-09 kgEstimatedChloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,59E-07 kg(Literature)Chlorothalonil [Pesticides to agricultural soil]Mass6,16E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air] Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
emissions to air]Mass3,64E-09 kgEstimatedChloromethane (methyl chloride) [Halogenated organic emissions to fresh water]Mass1,59E-07 kg(Literature)Chlorothalonil [Pesticides to agricultural soil]Mass6,16E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air] Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
emissions to fresh water]Mass1,59E-07 kg(Literature)Chlorothalonil [Pesticides to agricultural soil]Mass6,16E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06 Bq(No statement)Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
Chlorothalonil [Pesticides to agricultural soil] Chlorous dissolvent [Halogenated organic emissions to fresh water] Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,16E-09 kgkg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,90E-09 kgkg(No statement)Chromium (Cr51) [Radioactive emissions to fresh water] Chromium (unspecified) [Heavy metals to agricultural soil]Mass6,11E-16 kgkg(No statement)Mass6,11E-16 Kg(No statement)(No statement)(No statement)Chromium (Unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 Kg(No statement)
Chlorous dissolvent [Halogenated organic emissions to fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06 Bq(No statement)Chromium (Cr51) [Radioactive emissions to fresh water] Chromium (unspecified) [Heavy metals to agricultural soil]Activity7,52E-08 kg(No statement)
fresh water]Mass6,90E-09 kg(No statement)Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06 Bq(No statement)Chromium (Cr51) [Radioactive emissions to fresh water]Activity6,29E-02 Bq(No statement)Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
Chlorous dissolvent [Halogenated organic emissions to sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06 Bq(No statement)Chromium (Cr51) [Radioactive emissions to fresh water]Activity6,29E-02 Bq(No statement)Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08 kg(No statement)
sea water]Mass6,11E-16 kg(No statement)Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06 Bq(No statement)Chromium (Cr51) [Radioactive emissions to fresh water]Activity6,29E-02 Bq(No statement)Chromium (unspecified) [Heavy metals to agriculturalMass7,52E-08 kg(No statement)
Chromium (Cr51) [Radioactive emissions to air]Activity2,42E-06Bq(No statement)Chromium (Cr51) [Radioactive emissions to fresh water]Activity6,29E-02Bq(No statement)Chromium (unspecified) [Heavy metals to agricultural soil]Mass7,52E-08kg(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water] Chromium (unspecified) [Heavy metals to agricultural soil]Activity 6,29E-026,29E-02Bq(No statement)Mass7,52E-08kg(No statement)
Chromium (unspecified) [Heavy metals to agricultural soil] Mass 7,52E-08 kg (No statement)
Chromium (unspecified) [Heavy metals to air] Mass 1 60E-06 kg (Literature)
Chromium (unspecified) [Heavy metals to fresh water] Mass 4,57E-08 kg (Literature)
Chromium (unspecified) [Heavy metals to industrial soil] Mass 5,93E-08 kg (No statement)
Chromium +III [Heavy metals to fresh water] Mass 2,89E-08 kg (Literature)
Chromium +VI [Fresh water] Mass 4,46E-06 kg (No statement)
Chromium +VI [Heavy metals to air] Mass 3,87E-08 kg (No statement)
Chromium +VI [Heavy metals to fresh water] Mass 3,22E-06 kg (No statement)
Chromium +VI [Heavy metals to industrial soil] Mass 3,30E-06 kg (No statement)
Cobalt (Co57) [Radioactive emissions to fresh water] Activity 9,14E-04 Bq (No statement)
Cobalt (Co58) [Radioactive emissions to air] Activity 3,60E-04 Bq (Literature)
Cobalt (Co58) [Radioactive emissions to fresh water] Activity 5,06E-01 Bq (Literature)
Cobalt (Co60) [Radioactive emissions to air] Activity 4,05E-03 Bq (Literature)
Cobalt (Co60) [Radioactive emissions to fresh water] Activity 4,58E+00 Bq (Literature)
Cobalt [Fresh water] Mass 1,10E-05 kg (No statement)
Cobalt [Heavy metals to agricultural soil] Mass 7,06E-09 kg (No statement)
Cobalt [Heavy metals to air]Mass6,44E-07 kg(Literature)Cobalt [Heavy metals to fresh water]Mass2,74E-08 kg(No statement)
Cobalt [Heavy metals to fresh water]Mass2,74E-08 kg(No statement)Cobalt [Heavy metals to sea water]Mass1,37E-09 kg(No statement)
Copper [Fresh water] Mass 1,37E-09 kg (No statement) Mass 1,18E-04 kg (No statement)
Copper [Heavy metals to agricultural soil] Mass 8,48E-08 kg (No statement)
Copper [Heavy metals to air] Mass 0,402-00 kg (No statement) Mass 4,88E-06 kg (Literature)
Copper [Heavy metals to fresh water] Mass 2,66E-06 kg (Literature)
Copper [Heavy metals to industrial soil] Mass 2,91E-06 kg Measured
Copper [Heavy metals to sea water] Mass 1,74E-08 kg (No statement)
Cumene (isopropylbenzene) [Group NMVOC to air] Mass 7,30E-08 kg (No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh
water] Mass 1,75E-07 kg (No statement)
Curium (Cm alpha) [Radioactive emissions to fresh
water] Activity 2,55E-02 Bq Calculated
Cyanide (unspecified) [Inorganic emissions to air] Mass 6,11E-07 kg (No statement)
Cyanide [Inorganic emissions to fresh water]Mass1,62E-06 kg(Literature)
Cyanide [Inorganic emissions to sea water] Mass 2,32E-08 kg (No statement)
Cycloalkanes (unspec.) [Group NMVOC to air] Mass 1,63E-09 kg (No statement)
Cypermethrin [Pesticides to agricultural soil] Mass 1,32E-12 kg (No statement)
Detergent (unspecified) [Other emissions to fresh water] Mass 1,44E-10 kg (Literature)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Dichloroethane (ethylene dichloride) [Halogenated organic emissions to air] Dichloroethane (ethylene dichloride) [Halogenated	Mass	1,80E-08	kg	(No statement)
organic emissions to fresh water] Dichloromethane (methylene chloride) [Halogenated	Mass	1,29E-08	kg	(No statement)
organic emissions to air] Dichloromethane (methylene chloride) [Halogenated	Mass	5,72E-06	kg	Calculated
organic emissions to fresh water] Dichloropropane [Halogenated organic emissions to fresh	Mass	2,89E-07	kg	(No statement)
water]	Mass	0,00E+00	kg	Estimated
Dichromate [river]	Mass	8,61E-08	kg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC			1	Massa
to air] Different a alluterate (Other emissions to emissional esil)	Mass	6,41E-11	•	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	1,67E-04	•	(No statement)
Different pollutants [Other emissions to industrial soil]	Mass	8,36E-05		(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	1,68E-09		(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	5,14E-04	0	(No statement)
Dust (> PM10) [Particles to air]	Mass	5,20E-03	•	(No statement)
Dust (PM2,5 - PM10) [Particles to air]	Mass	4,36E-04	•	(No statement)
Dust (PM2.5) [Particles to air]	Mass	1,91E-03	•	(No statement)
Dust (unspecified) [Particles to air]	Mass	2,21E-03	0	(Literature)
Ethane [Group NMVOC to air]	Mass	3,16E-04	-	(Literature)
Ethanol [Group NMVOC to air]	Mass	6,54E-06	•	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	1,80E-06	•	(Literature)
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	6,47E-08	•	(No statement)
Ethine (acetylene) [Group NMVOC to air] Ethyl benzene [Group NMVOC to air]	Mass Mass	7,99E-08 1,35E-05	•	(No statement) (Calculated)
	Mass	3,99E-07	•	(Literature)
Ethyl benzene [Hydrocarbons to fresh water] Ethyl benzene [Hydrocarbons to sea water]	Mass	3,99E-07 1,57E-07	0	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	8,57E-10	•	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	2,83E-11	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	1,40E-12	•	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	3,40E-12	•	(No statement)
Exhaust [Other emissions to air]	Mass	9,67E+00	•	(Calculated)
Fatty acids (calculated as total carbon) [Hydrocarbons to fresh water]	Mass	4,80E-05	C	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to		,	5	(
sea water]	Mass	3,89E-05	kg	(No statement)
Fenpiclonil [Pesticides to agricultural soil]	Mass	2,51E-10	kg	(No statement)
Fluoride (unspecified) [Inorganic emissions to air]	Mass	4,30E-07	kg	(Literature)
Fluoride [Fresh water]	Mass	1,63E-05	0	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	1,42E-04	kg	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	2,80E-06	kg	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	7,65E-07	kg	(No statement)
Fluorides [Inorganic emissions to air]	Mass	3,45E-10	kg	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	1,86E-07	kg	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	2,48E-06	kg	(Measured)
Fly ash (unspecified) [Waste for recovery]	Mass	-2,84E-04	kg	Calculated
Formaldehyde (methanal) [Group NMVOC to air]	Mass	2,01E-05	kg	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	2,55E-08	•	Literature
Glutaraldehyde [Hydrocarbons to sea water]	Mass	3,23E-08	•	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	9,62E-10	-	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	2,11E-08	•	(No statement)
Graphites [Particles to air]	Mass	0,00E+00	kg	Estimated

	Quantity	Amount	110:4	Origin of data
Flow - Outputs Gypsum (FDI) [Waste for recovery]	Quantity Mass	Amount 9,42E-04	Unit kg	Origin of data (Measured)
Gypsum [Waste for recovery]	Mass	9,42E-04 5,80E-05	-	(Estimated)
Halogenated hydrocarbons (unspecified) [Halogenated	Mass	3,00L-03	ĸġ	(Loundled)
organic emissions to air]	Mass	-3,59E-13	kg	Literature
Halon (1211) [Halogenated organic emissions to air]	Mass	2,60E-08	•	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	1,75E-08	kg	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	4,14E-02	kg	(Literature)
Heat from natural gas [Flows]	Energy	5,23E-12	мJ	(No statement)
Heat from oil [Flows]	Energy	4,70E-11	MJ	(No statement)
Heat from waste [Flows]	Energy	5,61E-11	MJ	(No statement)
Heavy metals to water (unspecified) [Heavy metals to				
fresh water]	Mass	9,92E-08	•	(Measured)
Helium [Inorganic emissions to air]	Mass	4,61E-06	•	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	4,08E-06	kg	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated	Mass	1,87E-10	kg	(No statement)
organic emissions to air] Hexaflourosilicates [Air]	Mass	2,56E-08	0	(No statement)
Hexaflourosilicates [Sweet-]	Mass	2,50⊑-08 4,61E-08	•	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	4,01E-08 3,27E-05	•	(No statement) (Literature)
Highly radioactive waste [Radioactive waste]	Mass	5,54E-06	-	(Calculated)
Highly-active fission product solution [Radioactive waste]	Mass	3,34⊑-00 4,10E-08	0	(Estimated)
Housing (E-Paper) [Flows]	Mass	2,48E-06	•	(No statement)
Hydrocarbons (unspecified) [Hydrocarbons to fresh	Mass	2,402 00	Ng	
water]	Mass	3,83E-06	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	4,89E-06	kg	(No statement)
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	3,76E-06	•	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic			C	· · · · ·
emissions to air]	Mass	1,27E-08	kg	(No statement)
Hydrocarbons, halogenated [Halogenated organic				
emissions to air]	Mass	2,82E-09	•	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	1,50E+03	•	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	3,90E+04	•	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	9,42E+04	•	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	3,50E-05	•	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	5,71E-10 6,61E-04	-	Measured
Hydrogen chloride [Inorganic emissions to air] Hydrogen chloride [Inorganic emissions to fresh water]	Mass Mass	1,27E-12	•	(Literature) Estimated
Hydrogen cyanide (prussic acid) [Inorganic emissions to	IVId55	1,275-12	ĸġ	Estimated
air]	Mass	3,84E-08	ka	(Calculated)
Hydrogen fluoride (hydrofluoric acid) [Inorganic		,	0	(, , , , , , , , , , , , , , , , , , ,
emissions to fresh water]	Mass	1,85E-09	kg	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	1,71E-04	•	(Literature)
Hydrogen peroxide [Sweet-]	Mass	9,65E-10	kg	(No statement)
Hydrogen sulphide [Fresh water]	Mass	2,84E-06	•	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	7,54E-05	•	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	7,54E-08	•	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	6,00E-06	•	Estimated
Hypochlorite [Inorganic emissions to fresh water]	Mass	3,17E-06	-	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	3,56E-06	•	(No statement)
Iliad Module (E-Paper) [Flows]	Mass	4,87E-12	-	(No statement)
Incineration good [Waste for disposal]	Mass	9,36E-05	-	Literature
Industrial waste for municipal disposal [Consumer waste]	Mass	9,67E-03	•	(Literature)
inert chemical waste [Consumer waste]	Mass	1,60E-04	•	(Literature)
Inert gases [Radioactive emissions to air]	Activity	2,34E+06	вd	(No statement)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Inorganic salts and acids (unspecified) [Inorganic	Maaa	2 04 5 00	ka	Literature
emissions to fresh water]	Mass Mass	-3,81E-08 2,78E-12	kg ka	Literature (No statement)
lodide [Fresh water] lodide [Inorganic emissions to fresh water]	Mass	1,59E-06	•	(No statement)
lodide [Inorganic emissions to sea water]	Mass	6,53E-00	•	(No statement)
		2,85E-01	•	Calculated
Iodine (I129) [Radioactive emissions to air]	Activity	-	Bq	
Iodine (I129) [Radioactive emissions to fresh water]	Activity	2,85E+00		(Estimated)
Iodine (I131) [Radioactive emissions to air]	Activity	1,24E+01		(Literature)
Iodine (I131) [Radioactive emissions to fresh water]	Activity	1,20E-02	•	(Literature)
Iodine (I133) [Radioactive emissions to air]	Activity	1,86E-04	•	(No statement)
Iodine (I133) [Radioactive emissions to fresh water]	Activity	2,55E-04	•	(No statement)
lodine [Inorganic emissions to air]	Mass	2,85E-06	•	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	7,00E-05	•	(No statement)
Iron [Fresh water]	Mass	3,94E-03	•	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	2,03E-05	•	(No statement)
Iron [Heavy metals to air]	Mass	2,33E-06	•	(Literature)
Iron [Heavy metals to fresh water]	Mass	4,18E-03	kg	(Literature)
Iron [Heavy metals to industrial soil]	Mass	6,30E-05	kg	(No statement)
Iron [Heavy metals to sea water]	Mass	3,55E-07		(No statement)
Isocyanide acid [Air]	Mass	1,03E-06	kg	(No statement)
Jacket and body material [Radioactive waste]	Mass	5,37E-09	0	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	7,37E+05	•	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	5,02E+00	•	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	1,69E+00	•	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	1,59E+00		(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	3,58E-01	Bq	(No statement)
Lanthanides [Heavy metals to air]	Mass	9,21E-10	kg	(Estimated)
Lanthanum (La140) [Radioactive emissions to fresh	Activity	4,32E-04	Bq	(No statement)
water] Lanthanum (La141) [Radioactive emissions to air]	Activity	4,32E-04 1,33E-05	•	(No statement) (No statement)
Lead (Pb210) [Radioactive emissions to air]		1,09E+00	•	(No statement)
	Activity	5,34E-01		· /
Lead (Pb210) [Radioactive emissions to fresh water] Lead (Pb210) [Radioactive emissions to sea water]	Activity Activity	2,53E-01	•	(No statement) (No statement)
Lead [Fresh water]	Mass		•	· · · ·
		4,62E-06	-	(No statement)
Lead [Heavy metals to agricultural soil]	Mass Mass	3,02E-08	-	(No statement)
Lead [Heavy metals to air]		5,03E-06	•	(Literature)
Lead [Heavy metals to fresh water]	Mass	8,33E-06	•	(Literature)
Lead [Heavy metals to industrial soil]	Mass	1,63E-06	-	Measured
Lead [Heavy metals to sea water]	Mass	6,73E-08	•	(No statement)
Linuron [Pesticides to agricultural soil]	Mass	2,01E-09	•	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	9,07E-07	•	(Estimated)
Liquid waste [Consumer waste]	Mass	7,25E+03	-	(Calculated)
Magnesium [Fresh water]	Mass	3,38E-03	•	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	2,20E-04	•	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	3,60E-05	0	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	5,03E-10	-	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	8,03E-09	•	(No statement)
Manganese (Mn54) [Radioactive emissions to air] Manganese (Mn54) [Radioactive emissions to fresh	Activity	1,24E-06		(No statement)
water] Manganaga [Freeh water]	Activity	6,81E-01	•	(Literature)
Manganese [Fresh water]	Mass	6,10E-05	-	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	7,05E-06	•	(No statement)
Manganese [Heavy metals to air]	Mass	1,51E-06	кд	(Calculated)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Manganese [Heavy metals to fresh water]	Mass	1,05E-05	kg	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	4,57E-07	kg	(No statement)
Manganese [Heavy metals to sea water]	Mass	2,88E-07	kg	(No statement)
Medium and low radioactive liquid waste [Radioactive		_,	3	(,
waste]	Mass	5,71E-08	kg	(Estimated)
Medium and low radioactive wastes [Radioactive waste]	Mass	6,58E-06	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	1,44E-10	kg	(Literature)
Mercury [Fresh water]	Mass	1,96E-08	kg	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	1,66E-10	kg	(No statement)
Mercury [Heavy metals to air]	Mass	2,84E-07	kg	(Literature)
Mercury [Heavy metals to fresh water]	Mass	3,29E-08	kg	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	9,19E-09	kg	Measured
Mercury [Heavy metals to sea water]	Mass	4,66E-10	kg	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	2,26E-04	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh				
water]	Mass	9,35E-06	kg	(Calculated)
Metaldehyde [Organic emissions to agricultural soil]	Mass	1,15E-11	kg	(No statement)
Metals (unspecified) [Inorganic emissions to fresh water]	Mass	4,54E-16	-	Literature
Metals (unspecified) [Particles to air]	Mass	-1,01E-08	kg	(Estimated)
Metals (unspecified) [Particles to fresh water]	Mass	3,69E-07	kg	(Literature)
Methacrylate [Group NMVOC to air]	Mass	5,04E-08	•	Calculated
Methane (biotic) [Air]	Mass	3,82E-05	kg	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	1,92E-02	•	(Literature)
Methanol [Group NMVOC to air]	Mass	7,01E-06	•	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	1,27E-05	-	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	4,29E-07	•	(No statement)
Methanol [Organic intermediate products]	Mass	2,70E-10	•	Literature
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	1,39E-06	•	Calculated
Methyl tert-butylether [Group NMVOC to air]	Mass	1,27E-09	•	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	1,97E-11	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	4,25E-08		(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	1,45E-08	•	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	2,82E-10	•	(No statement)
Mineral waste [Consumer waste]	Mass	2,42E-07	kg	(Estimated)
Molybdenum (Mo99) [Radioactive emissions to fresh	A otivity	1,49E-04	Pa	(No statement)
water] Molybdenum [Fresh water]	Activity Mass			(No statement)
	Mass	7,82E-08	-	(No statement)
Molybdenum [Heavy metals to agricultural soil] Molybdenum [Heavy metals to air]		1,74E-09 1,42E-07	-	(No statement)
	Mass	6,43E-06	•	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	0,43E-00 1,34E-09	0	(Estimated) (No statement)
Molybdenum [Heavy metals to sea water] Monoethanolamine [Group NMVOC to air]	Mass Mass	1,92E-09	-	· · · ·
Municipal waste [Consumer waste]		2,19E-04	-	(No statement)
	Mass Mass	2,19E-04 2,03E-11	•	(Calculated) (No statement)
Napropamide [Pesticides to agricultural soil]			-	Calculated
Neutral salts [Inorganic emissions to fresh water]	Mass Mass	-1,84E-07 4,58E-05	-	
Nickel [Fresh water] Nickel [Heavy metals to agricultural soil]	Mass	4,58E-05 2,23E-08	-	(No statement) (No statement)
Nickel [Heavy metals to air]	Mass	6,47E-06	•	(Literature)
		1,26E-06	-	. ,
Nickel [Heavy metals to fresh water] Nickel [Heavy metals to industrial soil]	Mass Mass	1,26E-06 1,93E-09	-	(Literature) (No statement)
Nickel [Heavy metals to sea water]	Mass	4,99E-09	-	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	4,99E-09 5,83E-03	•	(No statement)
Nitrate [Fresh water]	Mass	2,09E-05		(No statement)
	Mass	2,00∟-00	м	

	-	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Nitrate [Inorganic emissions to air]	Mass	1,12E-08	•	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	1,99E-04	•	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass Mass	3,07E-05	kg ka	(No statement)
Nitrite [Fresh water] Nitrite [Inorganic emissions to fresh water]	Mass	3,66E-08 1,55E-06	kg ka	(No statement) (No statement)
Nitrite [Inorganic emissions to sea water]	Mass	6,14E-07	kg kg	(No statement)
Nitrogen [Inorganic emissions to fresh water]	Mass	7,97E-05	kg	(Estimated)
Nitrogen [Inorganic emissions to sea water]	Mass	1,06E-07	•	(No statement)
Nitrogen organic bounded [Fresh water]	Mass	1,10E-06	kg	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh	Mass	1,102 00	Ng	
water]	Mass	2,92E-06	kg	Literature
Nitrogen organic bounded [Inorganic emissions to sea			-	
water]	Mass	2,30E-06	•	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	2,24E-02	•	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	3,88E-04	•	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	2,30E-03	kg	(Literature)
non used primary energy from water power [Other emissions to fresh water]	Energy	3,58E-01	MJ	(Calculated)
non used primary energy from wind power [Other	ren. Energy	3,300-01	IVIJ	(Calculated)
emissions to air]	ren.	2,09E-02	MJ	(Measured)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	1,14E-03		(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	3,07E-04	•	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	1,40E-03	0	(No statement)
Oil (unspecified) [Organic emissions to industrial soil]	Mass	6,71E-06	kg	Measured
Orbencarb [Pesticides to agricultural soil]	Mass	1,52E-09	•	(No statement)
Organic chlorine compounds (unspecified) [Organic		·	Ū	, ,
emissions to fresh water]	Mass	1,44E-10	kg	(Literature)
Organic chlorine compounds [Organic emissions to air	Massa		1	(1:+===+==)
(group VOC)] Organic compounds (dissolved) [Organic emissions to	Mass	1,44E-10	kg	(Literature)
fresh water]	Mass	4,09E-08	kg	Calculated
Organic compounds (unspecified) [Organic emissions to	Mass	4,002.00	Ng	Calculated
fresh water]	Mass	3,61E-15	kg	Literature
Organic waste [Consumer waste]	Mass	1,10E-09	kg	Literature
Overburden [Stockpile goods] Not followed to the grave	Mass	1,19E+00	kg	(Calculated)
Ozone [Inorganic emissions to air]	Mass	8,26E-05	kg	(No statement)
Pentachlorobenzene [Halogenated organic emissions to				
air]	Mass	1,13E-10	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic emissions to air]	Mass	8,55E-08	kg	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	7,10E-05	•	(Literature)
	Number of	7,102 00	Ng	(Enclatore)
Personal computer [Flows]	pieces	4,39E-17	pcs.	(No statement)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	4,08E-08	kg	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	1,68E-06	kg	(Estimated)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	8,35E-07	kg	(No statement)
Phosphate [Fresh water]	Mass	1,08E-04	kg	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	8,79E-06	kg	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	4,28E-07	kg	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	3,44E-06	•	(No statement)
Phosphorus [Inorganic emissions to air]	Mass	8,31E-07	•	(No statement)
Phosphorus [Inorganic emissions to fresh water]	Mass	3,08E-07	•	(No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	5,71E-07	•	(No statement)
Phosphorus [Inorganic emissions to sea water]	Mass	6,36E-08	•	(No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	1,25E-11	kg	(No statement)

	Quantity	Amount	llnit	Origin of data
Flow - Outputs Plastic (unspecified) [Waste for recovery]	Quantity Mass	Amount 6,22E-05	Unit kg	Origin of data (Literature)
Platinum [Heavy metals to air]	Mass	8,97E-14	kg	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	2,61E-04	•	(Estimated)
Plutonium (Pu alpha) [Radioactive emissions to fresh	<i>i</i> totivity	2,012 01	Dq	(Lotimatod)
water]	Activity	8,27E-02	Bq	(Estimated)
Plutonium (Pu238) [Radioactive emissions to air]	Activity	3,32E-08	Bq	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	1,13E-08	kg	(Calculated)
Polonium (Po210) [Radioactive emissions to air]	Activity	1,90E+00	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	5,34E-01	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to sea water]	Activity	3,87E-02	Bq	(No statement)
Polychlorinated biphenyls (PCB unspecified)				
[Halogenated organic emissions to air]	Mass	2,59E-10	kg	(No statement)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Masa		1	(1 : to no to ma)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	4,03E-12	kg	(Literature)
[Halogenated organic emissions to fresh water]	Mass	6,07E-21	kg	Estimated
Polycyclic aromatic hydrocarbons (PAH) [Group PAH to	111222	0,07 - 21	ĸġ	LSumaleu
air]	Mass	5,56E-07	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)		-,		()
[Hydrocarbons to fresh water]	Mass	6,24E-07	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)				
[Hydrocarbons to sea water]	Mass	5,18E-08	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	2,40E-06	kg	(No statement)
Potassium (K40) [Radioactive emissions to air]	Activity	2,31E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	6,70E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	3,06E-03	•	(No statement)
Potassium [Fresh water]	Mass	6,01E-04	kg	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	5,31E-04	kg	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	2,77E-05	kg	(No statement)
Propane [Group NMVOC to air]	Mass	1,43E-04	kg	(Literature)
Propanol (iso-propanol; isopropanol) [Group NMVOC to	Maaa		ka	Estimated
air] Propene (propylene) [Group NMVOC to air]	Mass Mass	2,85E-05		
		2,87E-06 7,17E-08	kg ka	(Calculated)
Propene [Hydrocarbons to fresh water] Propionaldehyde [Group NMVOC to air]	Mass Mass	5,00E-11		(No statement) (No statement)
	Mass	4,42E-07	kg ka	· · · · ·
Propionic acid (propane acid) [Group NMVOC to air] Propylene oxide [Group NMVOC to air]	Mass	4,42E-07 3,04E-09	-	(Literature)
Propylene oxide [Hydrocarbons to fresh water]	Mass	3,04E-09 7,32E-09	•	(No statement) (No statement)
Protactinium (Pa234m) [Radioactive emissions to air]	Activity	3,32E-09	•	(No statement)
Protactinium (Pa234m) [Radioactive emissions to ar]	Activity	5,52L-02	ЪЧ	
water]	Activity	6,15E-01	Ba	(No statement)
R 11 (trichlorofluoromethane) [Halogenated organic	,	0,102 01	- 9	()
emissions to air]	Mass	1,20E-07	kg	(Estimated)
R 113 (trichlorofluoroethane) [Halogenated organic			-	
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 114 (dichlorotetrafluoroethane) [Halogenated organic				
emissions to air]	Mass	1,80E-07	kg	(Estimated)
R 116 (hexafluoroethane) [Halogenated organic emissions to air]	Mass	5,35E-08	ka	Calculated
R 12 (dichlorodifluoromethane) [Halogenated organic	11/1855	5,55⊑-00	ĸġ	Calculated
emissions to air]	Mass	2,59E-08	ka	(Estimated)
R 124 (chlorotetrafluoroethane) [Halogenated organic		, 00	3	(,
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 13 (chlorotrifluoromethane) [Halogenated organic			-	,
emissions to air]	Mass	1,62E-08	•	(Estimated)
R 134a (tetrafluoroethane) [Halogenated organic	Mass	5,67E-08	kg	(No statement)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
emissions to air] R 21 (Dichlorofluoromethane) [Halogenated organic				
emissions to air]	Mass	3,62E-15	kg	(No statement)
R 22 (chlorodifluoromethane) [Halogenated organic	Mado	0,022 10	Ng	
emissions to air]	Mass	2,00E-07	kg	(Estimated)
R 23 (trifluoromethane) [Halogenated organic emissions			C	х ,
to air]	Mass	1,15E-12	kg	(No statement)
Radioactive emissions (general) [Radioactive emissions			_	
to air]	Activity	5,96E-02	Bq	Literature
Radioactive isotopes (unspecific) [Radioactive emissions	A otivity		Da	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	5,01E-01	Bq	(No statement)
to fresh water]	Activity	2,37E+02	Bq	(No statement)
Radioactive tailings [Radioactive waste]	Mass	6,65E-04	•	(Calculated)
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	6,52E-01	Bq	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	3,27E-01	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	1,35E+00	•	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	7,05E+02	•	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	5,51E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	9,28E-02		(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	1,30E+00	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	6,53E-01	Bq	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	1,50E-04	•	(No statement)
Radon (Rn222) [Air]	Activity	4,30E+06	•	(No statement)
Radon (Rn222) [Radioactive emissions to air]	Activity	1,13E+05		(Literature)
Red mud (wet) (3% NaOH) [Hazardous waste for	<i>i</i> toti i tiy	1,102.00	-9	
disposal]	Mass	7,59E-04	kg	Measured
Residues for incineration [Waste for disposal]	Mass	9,79E-07	kg	(No statement)
Rolling tinder [Waste for recovery]	Mass	5,04E-04	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	2,20E-07	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air]	Activity	3,24E-08	Bq	(No statement)
Ruthenium (Ru103) [Radioactive emissions to fresh	-			
water]	Activity	3,14E-05	Bq	(No statement)
Ruthenium (Ru106) [Radioactive emissions to fresh	• • •		_	
water]	Activity	1,92E-02		Calculated
Scandium [Fresh water]	Mass	1,15E-06		(No statement)
Scandium [Inorganic emissions to air]	Mass	6,54E-10	0	(Estimated)
Scandium [Inorganic emissions to fresh water]	Mass	2,76E-07	•	(No statement)
Selenium [Fresh water]	Mass	8,09E-07	•	(No statement)
Selenium [Heavy metals to air]	Mass	1,19E-06		(Literature)
Selenium [Heavy metals to fresh water]	Mass	8,06E-07	kg	(Literature)
Selenium [Heavy metals to sea water]	Mass	2,01E-09	kg	(No statement)
Sewage sludge (waste water processing) [Hazardous waste]	Mass	2,18E-04	kg	Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	2,18E-04 6,69E-11	kg	(No statement)
Silicon dioxide (silica) [Particles to air]	Mass	0,00E+00		Estimated
Silicon dioxide (silica) [Particles to all] Silicon dioxide (silica) [Particles to fresh water]	Mass	0,00E+00 0,00E+00	kg kg	Estimated
Silver (Ag110m) [Radioactive emissions to air]	Activity	0,00L+00 3,21E-07	•	(No statement)
Silver (Ag110m) [Radioactive emissions to an] Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	3,21E-07 3,46E-01	•	(Literature)
Silver [Fresh water]	Mass	7,16E-10	•	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	1,72E-11	•	(No statement)
Silver [Heavy metals to air]	Mass	3,56E-12	kg ka	(No statement)
Silver [Heavy metals to fresh water]	Mass	1,58E-08	•	(Literature)
Silver [Heavy metals to sea water]	Mass	3,92E-09	•	(No statement)
Siver [reavy metals to sea water] Slag (Iron plate production) [Waste for recovery]	Mass	5,09E-03	-	(No statement) (Measured)
	Muss	0,000-00	~9	(mousurou)

Flow Outputo	Quantity	Amount	l Init	Origin of data
Flow - Outputs Slag (Mo-containing) [Waste for recovery]	Quantity Mass	Amount 2,82E-08	Unit	Origin of data Estimated
Slag [Hazardous waste]	Mass	2,82E-08 5,13E-04	•	(Literature)
Slag [Waste for recovery]	Mass	9,19E-04	•	(Literature)
Sludge [Hazardous waste]	Mass	3,39E-03	kg	(Calculated)
Sludge from water works (6% dry matter-content) [Waste	101855	3,392-03	ĸġ	(Calculated)
for disposal]	Mass	1,43E-08	kg	(No statement)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	1,13E-03	0	(No statement)
Sodium [Fresh water]	Mass	4,98E-04	•	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	1,79E-02	•	(Literature)
Sodium [Inorganic emissions to sea water]	Mass	2,00E-03	•	(No statement)
Sodium chlorate [high population density]	Mass	3,70E-09	kg	(No statement)
Sodium chloride (rock salt) [Inorganic intermediate			-	
products]	Mass	1,84E-05	kg	Calculated
Sodium dichromate [high population density]	Mass	2,32E-08	kg	(No statement)
Sodium formate [high population density]	Mass	4,08E-11	kg	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	9,79E-11	kg	(No statement)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	5,12E-08	•	(Estimated)
Solder paste waste [Hazardous waste for recovery]	Mass	2,33E-05	0	Estimated
Solids (dissolved) [Analytical measures to fresh water]	Mass	8,53E-03	0	(Literature)
Solids (suspended) [Fresh water]	Mass	4,27E-02	kg	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	1,90E-03	kg	(Estimated)
Solids (suspended) [Particles to sea water]	Mass	9,27E-04	kg	(No statement)
Spoil [Stockpile goods] Not followed to the grave	Mass	1,68E-10	kg	Calculated
Steam [Inorganic emissions to air]	Mass	2,17E+00	kg	(Estimated)
Steel works slag [Waste for recovery]	Mass	2,63E-03	kg	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	6,72E-03	•	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	3,38E+02	•	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	5,04E+00	•	(No statement)
Strontium [Fresh water]	Mass	9,15E-05	•	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	6,21E-10	•	(No statement)
Strontium [Heavy metals to fresh water]	Mass	8,78E-05	•	(Literature)
Strontium [Heavy metals to industrial soil]	Mass	1,14E-07	•	(No statement)
Strontium [Heavy metals to sea water]	Mass	3,93E-05	•	(No statement)
Strontium [Inorganic emissions to air]	Mass	8,81E-07	0	(Estimated)
Styrene [Group NMVOC to air]	Mass	1,09E-09	-	(No statement)
Sulphate [Fresh water]	Mass	1,96E-02	•	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	2,38E-02	•	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	6,47E-05	•	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	5,17E-07	0	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	6,35E-08	0	(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	1,79E-05	•	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	4,66E-06	0	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	3,58E-06	•	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass Mass	6,85E-06 3,50E-07	-	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	3,50E-07 4,96E-02	•	(No statement) (Literature)
Sulphur dioxide [Inorganic emissions to air] Sulphur hexafluoride [Inorganic emissions to air]	Mass	4,96E-02 1,58E-06	•	(Literature)
Sulphuric acid [Inorganic emissions to air]	Mass	8,43E-08	kg ka	(Calculated)
	Mass	3,43E-08 3,42E-01	kg ka	, ,
Tailings [Stockpile goods] Not followed to the grave Tebutam [Pesticides to agricultural soil]	Mass	3,42E-01 4,81E-11	kg kg	(Literature) (No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	111022	+,01⊑-11	ку	
water]	Activity	3,46E-03	Bq	(No statement)
Teflubenzuron [Pesticides to agricultural soil]	Mass	1,88E-11	•	(No statement)
		, -	5	7

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Tellurium (Te123m) [Radioactive emissions to fresh water]	Activity	7,33E-03	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water] Tetrafluoromethane [Halogenated organic emissions to	Activity	8,63E-06	•	(No statement)
air]	Mass	5,04E-07	kg	Measured
Thallium [Fresh water]	Mass	8,84E-08	kg	(No statement)
Thallium [Heavy metals to air]	Mass	3,24E-09	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	3,48E-08	kg	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	4,56E-02	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	2,61E+00	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	1,31E+00	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	3,33E+01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	8,38E+01	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	7,09E-02	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	1,25E-01	•	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	3,32E-02	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	6,15E-01	•	(No statement)
Tin [Fresh water]	Mass	7,62E-06	•	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	1,83E-09	kg	(No statement)
Tin [Heavy metals to air]	Mass	2,58E-07	kg	(Calculated)
Tin [Heavy metals to fresh water]	Mass	4,08E-08	kg	(Literature)
Titanium [Heavy metals to agricultural soil]	Mass	4,85E-07	-	(No statement)
Titanium [Heavy metals to air]	Mass	2,86E-07	•	(Estimated)
Titanium [Heavy metals to fresh water]	Mass	1,19E-06	0	(Literature)
Titanium [Heavy metals to sea water]	Mass	1,16E-09	0	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	1,55E-05	•	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	1,93E-06	-	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	9,29E-07	kg	(No statement)
Top Cover (E-Paper) [Flows]	Mass	1,29E-01	kg	(No statement)
Total dissolved organic bounded carbon [Analytical		.,_0_ 0.		()
measures to fresh water]	Mass	1,21E-03	kg	(Estimated)
Total dissolved organic bounded carbon [Analytical			0	· · ·
measures to sea water]	Mass	3,11E-04	kg	(No statement)
Total organic bounded carbon [Analytical measures to				
fresh water]	Mass	1,74E-03	kg	(Measured)
Total organic bounded carbon [Analytical measures to	Maga		1.0	(No statement)
sea water]	Mass	3,11E-04	0	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	5,14E-04	0	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	6,83E-04	0	(Calculated)
Tributyltinoxide [Pesticides to sea water] Trichloromethane (chloroform) [Halogenated organic	Mass	1,18E-07	кд	(No statement)
emissions to air]	Mass	2,53E-09	ka	(No statement)
Trichloromethane (chloroform) [Halogenated organic	Mass	2,000 00	Ng	
emissions to fresh water]	Mass	3,62E-15	kg	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	3,48E-07	0	(No statement)
Tungsten [Fresh water]	Mass	9,30E-07	0	(No statement)
Tungsten [Heavy metals to fresh water]	Mass	5,71E-07	0	(No statement)
Uranium (total) [Radioactive emissions to air]	Activity	1,85E+00	Bq	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	4,33E-01	Bq	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	7,37E-01	•	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	2,10E-02	•	(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	1,22E+00	•	(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	9,37E-01	•	(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	2,12E+00	•	(No statement)
	. totivity	_,,,00	-4	

	Quent:41	A	11	Origin of data
Flow - Outputs	Quantity Activity	Amount 1,30E-02	Unit	Origin of data (No statement)
Uranium (U238) [Radioactive emissions to sea water] Uranium [Radioactive emissions to fresh water]	Activity	4,13E+01	•	(Literature)
Uranium depleted [Radioactive waste]	Mass	1,31E-05	•	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	5,75E-10	0	(Calculated)
Used air [Other emissions to air]	Mass	7,59E-01	0	(Measured)
Used oil [Hazardous waste for recovery]	Mass	1,18E-12	•	(Literature)
Vanadium [Fresh water]	Mass	1,64E-05		(No statement)
	Mass	1,39E-08	0	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass		0	(No statement) (Literature)
Vanadium [Heavy metals to air]		1,29E-05 1,81E-06	•	· · ·
Vanadium [Heavy metals to fresh water]	Mass		0	(Literature)
Vanadium [Heavy metals to sea water]	Mass	4,01E-09	•	(No statement)
Waste (unspecified) [Consumer waste]	Mass	1,24E-03	0	(Calculated)
Waste heat [Fresh water]	Energy	1,29E-02		(No statement)
Waste heat [Other emissions to air]	Energy	1,26E+02		(Measured)
Waste heat [Other emissions to fresh water]	Energy	6,87E+00		(Measured)
Waste paper [Waste for recovery]	Mass	1,14E-06	•	Measured
Waste radioactive [Radioactive waste]	Mass	1,10E-05	•	(Literature)
Waste water [Other emissions to fresh water]	Mass	4,30E+03	kg	(Literature)
Waste water processing residue [Hazardous waste for recovery]	Mass	3,75E-02	ka	Literature
Wave solder dross [Hazardous waste for recovery]	Mass	9,10E-05	•	Estimated
Vinyl chloride (VCM; chloroethene) [Halogenated organic	IVId55	9,102-05	ку	Estimated
emissions to air]	Mass	1,13E-07	ka	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic	mace	1,102 01	Ng	Calculatou
emissions to fresh water]	Mass	4,98E-10	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group		·	U	· · · ·
VOC)]	Mass	1,06E-04	kg	(Literature)
VOC [Organic emissions to fresh water]	Mass	6,11E-06	kg	(No statement)
VOC [Organic emissions to sea water]	Mass	2,29E-06	kg	(No statement)
Volatile fission products (inert gases; iodine; C14)				
[Radioactive waste]	Mass	4,22E-10	•	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	8,44E+00	•	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	3,69E+02		(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	2,38E+00		(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	1,45E+02	•	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	6,75E+01	•	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	9,94E-01		(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	1,15E+01	•	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	1,00E-04	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
fresh water]	Mass	4,65E-06	кg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to sea water]	Mass	7,74E-07	ka	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group	111855	7,742-07	ĸġ	(NU Statement)
NMVOC to air]	Mass	3,16E-07	ka	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	6,20E-06	-	(No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	1,53E-02	•	(No statement)
Zinc [Fresh water]	Mass	2,02E-05	•	(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	1,50E-06	•	(No statement)
Zinc [Heavy metals to agricultural soli]	Mass	1,00E-05	•	(Literature)
Zinc [Heavy metals to fresh water]	Mass	6,73E-06	•	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	2,56E-06	•	Measured
Zinc [Heavy metals to industrial soli] Zinc [Heavy metals to sea water]	Mass	2,30E-00 1,30E-05	•	(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	1,30E-05 1,20E-08	•	Measured
Zine sulphate [inorganic enilssions to all]	111022	1,200-00	ĸу	MEASULEU

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Zirconium (Zr) [Air]	Mass	5,68E-11	kg	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	6,06E-06	Bq	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	1,77E-04	Bq	(No statement)

Appendix 2.4 LCI Data - Web based newspaper, Swedish scenario

In the tables below the LCI data for the studied system "Web based newspaper, Swedish scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Air [Operating materials]	Mass	3,59E-17	kg	Estimated
Air [Renewable resources]	Mass	1,23E+01	kg	(Calculated)
Aluminum [Non renewable elements]	Mass	1,56E-03	kg	(No statement)
Antimonite [Non renewable resources]	Mass	2,11E-11	kg	(No statement)
Barium sulphate [Non renewable resources]	Mass	6,94E-04	kg	(No statement)
Basalt [Non renewable resources]	Mass	1,17E-04	kg	(No statement)
Bauxite [Non renewable resources]	Mass	1,06E-02	kg	Calculated
Bentonite [Non renewable resources]	Mass	6,15E-04	kg	(Literature)
Borax [Non renewable resources]	Mass	5,29E-08	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	7,85E-12	kg	Literature
Carbon dioxide [Renewable resources]	Mass	1,48E+00	kg	Calculated
Catalyst [Operating materials]	Mass	3,29E-07	kg	Calculated
Chromium [Non renewable elements]	Mass	3,03E-04	kg	(No statement)
Chrysotile [Non renewable resources]	Mass	2,27E-08	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	2,47E-09	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	3,81E-09	kg	Calculated
Clay [Non renewable resources]	Mass	1,71E-02	kg	(No statement)
Cobalt [Non renewable elements]	Mass	5,07E-10	kg	(No statement)
Colemanite ore [Non renewable resources]	Mass	1,92E-04	kg	Calculated
Cooling water [Operating materials]	Mass	5,80E+00	kg	(Measured)
Copper [Non renewable elements]	Mass	9,22E-04	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	2,57E+00	kg	Measured
Copper ore (0.3%) [Non renewable resources]	Mass	1,04E-08	kg	Estimated
Crude oil [Crude oil (resource)]	Mass	1,06E-01	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	3,21E-03	kg	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	1,24E-03	kg	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	7,54E-06	kg	Literature
Crude oil Australia [Crude oil (resource)]	Mass	2,89E-04	kg	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	1,63E-04	kg	Literature
Crude oil Cameroon [Crude oil (resource)]	Mass	5,04E-04	kg	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	4,28E-03	•	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	4,36E-05	•	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	2,67E-05	kg	(Calculated)
Crude oil China [Crude oil (resource)]	Mass	2,19E-02	kg	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	1,36E-02	-	(Literature)
Crude oil Colombia [Crude oil (resource)]	Mass	1,66E-06	-	(Literature)
Crude oil Denmark [Crude oil (resource)]	Mass	5,00E-05	-	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	1,43E-03	-	(Estimated)
Crude oil France [Crude oil (resource)]	Mass	4,02E-05	-	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	-5,55E-06	•	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	6,73E-05	0	(Estimated)
Crude oil Germany [Crude oil (resource)]	Mass	1,37E-03		(Literature)
Crude oil Indonesia [Crude oil (resource)]	Mass	8,25E-05	kg	(Estimated)

Appendix 2.4 LCI Data - Web based newspaper, Swedish scenario

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Flow - Inputs	Quantity	Amount	Unit	Origin of data
Crude oil Iran [Crude oil (resource)]	Mass	6,52E-03	kg	(Estimated)
Crude oil Italy [Crude oil (resource)]	Mass	1,47E-03	•	(Literature)
Crude oil Kuwait [Crude oil (resource)]	Mass	6,07E-04	•	(Estimated)
Crude oil Libya [Crude oil (resource)]	Mass	1,29E-02	-	(Literature)
Crude oil Mexico [Crude oil (resource)]	Mass	4,73E-04	•	(Literature)
Crude oil Middle East [Crude oil (resource)]	Mass	1,15E-04	•	(Calculated)
Crude oil Netherlands [Crude oil (resource)]	Mass	1,36E-04	-	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	1,01E-05	-	(Estimated)
Crude oil Nigeria [Crude oil (resource)]	Mass	3,31E-03	•	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	8,32E-05	•	(Calculated)
Crude oil Norway [Crude oil (resource)]	Mass	1,11E-02	-	(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	1,16E-03	-	(Estimated)
Crude oil Qatar [Crude oil (resource)]	Mass	3,35E-05	•	(Estimated)
Crude oil Saudi Arabia [Crude oil (resource)]	Mass	9,69E-03	•	(Estimated)
Crude oil Tunisia [Crude oil (resource)]	Mass		•	(Literature)
Crude oil United Arab Emirates [Crude oil (resource)]	Mass	4,30E-05	-	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]	Mass	1,07E-02	•	(Literature)
Crude oil USA [Crude oil (resource)]	Mass	4,68E-05	•	(Literature)
Crude oil Venezuela [Crude oil (resource)]	Mass	2,85E-03	•	(Literature)
Diatomite [Non renewable resources]	Mass	2,03E-10	kg	(No statement)
Dolomite [Non renewable resources]	Mass	7,51E-05	kg	(Literature)
	Energy			<i></i> .
Energy, calorific value, in organic substance [biotic]	ren.	1,64E+01	MJ	(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	2,57E-11	kg	(No statement)
Fluorine [Non renewable elements]	Mass	1,44E-06	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable	Maaa		l. a	Coloulated
resources]	Mass	1,98E-04	•	
Granite [Non renewable resources]	Mass	1,34E-07	kg	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	1,45E-07	-	(No statement)
Hard coal [Hard coal (resource)]	Mass	7,14E-01	kg	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	5,71E-03	-	(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	3,89E-04	•	(Calculated)
Hard coal Brazil [Hard coal (resource)]	Mass	3,59E-05	0	Estimated
Hard coal Canada [Hard coal (resource)]	Mass	2,31E-03	•	(Calculated)
Hard coal China [Hard coal (resource)]	Mass	4,06E-01	-	(Calculated)
Hard coal CIS [Hard coal (resource)]	Mass	2,49E-03	•	(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	5,07E-03	•	(Measured)
Hard coal Czech Republic [Hard coal (resource)]	Mass	2,70E-03	-	(Measured)
Hard coal France [Hard coal (resource)]	Mass	4,73E-03	-	(Calculated)
Hard coal Germany [Hard coal (resource)]	Mass	7,85E-02	0	(Calculated)
Hard coal Indonesia [Hard coal (resource)]	Mass	2,12E-03	•	(Measured)
Hard coal Japan [Hard coal (resource)]	Mass	3,77E-06	•	(Calculated)
Hard coal Poland [Hard coal (resource)]	Mass	1,03E-02	0	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	7,04E-05	0	Estimated
Hard coal South Africa [Hard coal (resource)]	Mass	4,66E-02	-	(Measured)
Hard coal Spain [Hard coal (resource)]	Mass	9,34E-03	-	(Calculated)
Hard coal United Kingdom [Hard coal (resource)]	Mass	1,22E-03	-	(Calculated)
Hard coal USA [Hard coal (resource)]	Mass	2,40E-02	•	(Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	5,25E-03	-	(Measured)
Heavy spar (barytes) [Non renewable resources]	Mass	1,27E-03	•	(Literature)
Inert rock [Non renewable resources]	Mass	3,42E+00	кд	(Literature)
Infrastructure telecommunication [Flows] Not followed to	Number of		000	Ectimated
the cradle	pieces	1,06E-01	pcs.	Estimated

Appendix 2.4 LCI Data - Web based newspaper, Swedish scenario

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Flow - Inputs	Quantity	Amount	Unit	Origin of data
Iron [Non renewable elements]	Mass Mass	1,23E-02 1,31E-04	•	(Estimated) (Estimated)
Iron ore (65%) [Non renewable resources] Iron ore [Non renewable resources]	Mass	1,31E-04 1,47E-01	kg kg	(Calculated)
Kaolin ore [Non renewable resources]	Mass	2,20E-03	•	Measured
Kaolinite (24% in ore as mined) [Non renewable	111222	2,202-03	ĸġ	Measureu
resources]	Mass	8,60E-06	ka	(No statement)
Kieserite (25% in ore as mined) [Non renewable		0,002 00		()
resources]	Mass	6,52E-08	kg	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	9,40E-03	kg	Calculated
Lead [Non renewable elements]	Mass	8,24E-04	kg	(No statement)
Lead ore [Non renewable resources]	Mass	1,77E-04	kg	Estimated
Lignite [Lignite (resource)]	Mass	2,24E-02	kg	(Estimated)
Lignite Australia [Lignite (resource)]	Mass	3,70E-05	kg	Literature
Lignite Australia [Lignite (resource)]	Mass	3,67E-04	kg	Literature
Lignite Austria [Lignite (resource)]	Mass	4,84E-07	kg	(Estimated)
Lignite France [Lignite (resource)]	Mass	5,65E-07	•	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	4,14E-05	kg	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	5,22E-03	kg	(Calculated)
Lignite Germany [Lignite (resource)]	Mass	1,96E-01	kg	(Literature)
Lignite Greece [Lignite (resource)]	Mass	8,85E-02	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	1,78E-02	kg	(Literature)
Lignite USA [Lignite (resource)]	Mass	5,23E-05	kg	Literature
Limestone (calcium carbonate) [Non renewable				
resources]	Mass	9,29E-02	kg	(Literature)
Magnesit (Magnesium carbonate) [Non renewable	Mass	1,42E-04	kg	(No statement)
resources] Magnesium [Non renewable elements]	Mass	1,78E-08	•	(No statement) (No statement)
Magnesian [Non renewable elements]	Mass	4,37E-05	-	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	4,37⊑-03 7,65E-04	•	Calculated
Malgariese ofe (N.O.M.) [Non renewable resources] Molybdenite (Mo 0,24%) [Non renewable resources]	Mass	2,36E-05	•	Estimated
Molybdenum [Non renewable elements]	Mass	2,30E-05	•	(No statement)
Natural Aggregate [Non renewable resources]	Mass	4,15E-01	kg	Calculated
Natural gas [Natural gas (resource)]	Mass	2,11E-01	•	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	5,49E-03	•	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	1,00E-04	0	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	2,47E-07	-	Literature
Natural gas Australia [Natural gas (resource)]	Mass	1,15E-04	•	(Estimated)
Natural gas Brazil [Natural gas (resource)]	Mass	4,10E-05	•	(Estimated)
Natural gas Brunei [Natural gas (resource)]	Mass	4,27E-06	kg	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	4,09E-05	-	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	1,08E-04	•	(Literature)
Natural gas China [Natural gas (resource)]	Mass	1,24E-03	•	(Calculated)
Natural gas CIS [Natural gas (resource)]	Mass	7,07E-02	•	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	6,30E-08	0	(Literature)
Natural gas Denmark [Natural gas (resource)]	Mass	1,90E-03	•	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	1,16E-04	•	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	1,75E-04	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	5,58E-06	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	3,77E-02	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	2,09E-05	•	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	2,44E-04	kg	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	2,98E-03	kg	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	1,22E-06	kg	Estimated
Natural gas Kuwait [Natural gas (resource)]	Mass	2,27E-05	kg	(Estimated)

Appendix 2.4 LCI Data - Web based newspaper, Swedish scenario

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Natural gas Libyan [Natural gas (resource)]	Mass	1,24E-03	kg	(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	6,04E-06	kg	Estimated
Natural gas Mexico [Natural gas (resource)]	Mass	1,56E-05	kg	(Literature)
Natural gas Netherlands [Natural gas (resource)]	Mass	6,37E-02	•	(Estimated)
Natural gas New Zealand [Natural gas (resource)]	Mass	2,22E-07	0	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	2,69E-04	•	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	3,00E-02	kg	(Estimated)
	Mass	4,32E-05	•	(Estimated)
Natural gas Oman [Natural gas (resource)]			•	` '
Natural gas Qatar [Natural gas (resource)]	Mass	1,25E-06	•	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	3,62E-04	•	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	5,33E-05	•	(Estimated)
Natural gas Tunisia [Natural gas (resource)] Natural gas United Arab Emirates [Natural gas	Mass	5,41E-06	kg	(Literature)
(resource)]	Mass	4,66E-06	kg	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	1,50E-03	•	(Literature)
Natural gas USA [Natural gas (resource)]	Mass	1,42E-04	•	(Estimated)
Natural gas Venezuela [Natural gas (resource)]	Mass	1,67E-04	•	(Literature)
Nickel [Non renewable elements]	Mass	8,12E-04	. 0	(No statement)
• •			kg	· /
Nickel ore (1.6%) [Non renewable resources]	Mass	7,18E-03	kg	Measured
Nitrogen [Renewable resources]	Mass	4,62E-07	0	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime	1,34E-04		· /
Occupation, construction site [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, dump site [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent] Occupation, forest, intensive, normal [Hemerobie	Areatime	1,71E-04	m2*yr	(No statement)
ecoinvent]	Areatime	2,94E-01	m2*yr	(No statement)
Occupation, industrial area [Hemerobie ecoinvent] Occupation, industrial area, benthos [Hemerobie	Areatime	2,84E-03	m2*yr	(No statement)
ecoinvent] Occupation, industrial area, built up [Hemerobie	Areatime	9,81E-07	m2*yr	(No statement)
ecoinvent]	Areatime	3,85E-04	m2*yr	(No statement)
Occupation, industrial area, vegetation [Hemerobie ecoinvent]	Areatime	3 48F-04	m2*∖/r	(No statement)
Occupation, mineral extraction site [Hemerobie	Areaune	0,40L 04	iiiz yi	(No statement)
ecoinvent] Occupation, permanent crop, fruit, intensive [Hemerobie	Areatime	3,13E-03	m2*yr	(No statement)
ecoinvent]	Areatime	5,36E-06	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie	Aractima		~	(No statement)
ecoinvent] Occupation, traffic area, rail embankment [Hemerobie	Areatime	7,89⊑-05	mz yr	(No statement)
ecoinvent]	Areatime	1,20E-04	m2*yr	(No statement)
Occupation, traffic area, rail network [Hemerobie ecoinvent]	Areatime	1 33E-04	m2*vr	(No statement)
Occupation, traffic area, road embankment [Hemerobie			-	. ,
ecoinvent] Occupation, traffic area, road network [Hemerobie	Areatime	2,95E-03	m2*yr	(No statement)
ecoinvent]	Areatime	9,21E-04	m2*yr	(No statement)
Occupation, urban, discontinuously built [Hemerobie ecoinvent]	Areatime	2 50E-07	m2*∖/r	(No statement)
Occupation, water bodies, artificial [Hemerobie			-	. ,
ecoinvent] Occupation water courses, artificial [Hemeropie	Areatime	6,80E-02	m2*yr	(No statement)
Occupation, water courses, artificial [Hemerobie ecoinvent]	Areatime	1 /3 = 02	m?*\/r	(No statement)
-			•	· ,
Olivine [Non renewable resources] Palladium [Non renewable elements]	Mass Mass	3,43E-09 3,99E-10	•	(No statement) (No statement)
	111233	5,552-10	NY	

	Quantity	Amount	Unit	Origin of data
Flow - Inputs Peat [Renewable resources]	Quantity Mass	Amount 1,98E-01	Unit	Origin of data (No statement)
Phosphorus [Non renewable elements]	Mass	5,82E-06	kg ka	(No statement)
Phosphorus minerals [Non renewable resources]	Mass	2,05E-07	•	Literature
Pit gas [Natural gas (resource)]	Mass	1,41E-02	•	(Literature)
Platinum [Non renewable elements]	Mass	7,07E-10	kg	(No statement)
Potassium chloride [Non renewable resources]	Mass	7,23E-06	kg	Calculated
Precious metal ore (R.O.M) [Non renewable resources]	Mass	1,65E-01	kg	Calculated
Primary energy from hydro power (BUWAL) [Renewable	Energy	1,052-01	ĸġ	Calculated
energy resources]	ren.	-3,97E-04	MJ	Literature
Primary energy from hydro power [Renewable energy	Energy	-,	-	
resources]	ren.	5,22E+01	MJ	(Literature)
Primary energy from solar energy [Renewable energy	Energy			
resources]	ren.	1,67E-02	MJ	Literature
Primary energy from wind power [Renewable energy	Energy	2.275.00	N# 1	Coloulated
resources]	ren.	3,27E+00	MJ	Calculated
Process and cooling water [Operating materials]	Mass	2,89E-09		Literature
Process water [Operating materials] Quartz sand (silica sand; silicon dioxide) [Non renewable	Mass	1,80E+01	kg	(Measured)
resources]	Mass	4,58E-03	kg	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	-6,54E-07	0	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	-5,63E-07	•	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	-9,22E-07	•	Literature
Refractory [Minerals]	Mass	1,43E-12	•	Measured
Renewable fuels [Renewable energy resources]	Mass	-4,82E-07	•	Calculated
Rhenium [Non renewable elements]	Mass	3,49E-12	•	(No statement)
Rhodium [Non renewable elements]	Mass	1,11E-11	kg	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	1,13E-11	kg	(No statement)
sand [Non renewable resources]	Mass	1,60E-05	kg	(No statement)
Silver [Non renewable elements]	Mass	9,88E-11	kg	(No statement)
Slate [Non renewable resources]	Mass	1,91E-08	kg	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	5,91E-02	kg	(Literature)
Sodium sulphate [Non renewable resources]	Mass	2,12E-05	kg	Literature
Soil [Non renewable resources]	Mass	5,93E-03	kg	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass	9,37E-03	kg	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	1,74E-16	kg	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	4,91E-08	kg	(Literature)
Sulphur [Non renewable elements]	Mass	7,47E-06	kg	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	5,01E-06	•	(No statement)
Talc [Non renewable resources]	Mass	1,53E-04	•	Calculated
Tin [Non renewable elements]	Mass	6,75E-07	•	(No statement)
Tin ore [Non renewable resources]	Mass	7,15E-04	•	Estimated
Titanium dioxide [Non renewable resources]	Mass		•	(No statement)
Titanium ore [Non renewable resources]	Mass	2,26E-06	•	(No statement)
Transformation, from arable [Hemerobie ecoinvent]	Area	6,65E-06	sqm	(No statement)
Transformation, from arable, non-irrigated [Hemerobie	Aree			(No statement)
ecoinvent] Transformation, from arable, non-irrigated, fallow	Area	2,48E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,00E-07	sam	(No statement)
Transformation, from dump site, inert material landfill	7.100	1,002 01	oqiii	
[Hemerobie ecoinvent]	Area	1,42E-05	sqm	(No statement)
Transformation, from dump site, residual material landfill				
[Hemerobie ecoinvent]	Area	9,65E-07	sqm	(No statement)
Transformation, from dump site, sanitary landfill	Area			(No ototors and)
[Hemerobie ecoinvent]	Area	4,36E-07	•	(No statement)
Transformation, from dump site, slag compartment	Area	1,47E-07	sqiii	(No statement)

Flow - Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, from forest [Hemerobie ecoinvent] Transformation, from forest, extensive [Hemerobie	Area	1,68E-04	sqm	(No statement)
ecoinvent] Transformation, from industrial area [Hemerobie	Area	2,23E-03	sqm	(No statement)
ecoinvent] Transformation, from industrial area, benthos [Hemerobie	Area	9,86E-06	sqm	(No statement)
ecoinvent] Transformation, from industrial area, built up [Hemerobie	Area	1,21E-08	sqm	(No statement)
ecoinvent] Transformation, from industrial area, vegetation	Area	1,39E-09	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, from mineral extraction site [Hemerobie	Area	2,38E-09		(No statement)
ecoinvent] Transformation, from pasture and meadow [Hemerobie	Area	5,02E-05	-	(No statement)
ecoinvent] Transformation, from pasture and meadow, intensive	Area	1,21E-04		(No statement)
[Hemerobie ecoinvent] Transformation, from sea and ocean [Hemerobie	Area	2,00E-07		(No statement)
ecoinvent] Transformation, from shrub land, sclerophyllous	Area	9,48E-05		(No statement)
[Hemerobie ecoinvent]	Area	1,03E-04	•	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	7,22E-04	•	(No statement)
Transformation, to arable [Hemerobie ecoinvent] Transformation, to arable, non-irrigated [Hemerobie	Area	2,78E-05		(No statement)
ecoinvent] Transformation, to arable, non-irrigated, fallow	Area	2,48E-04	•	(No statement)
[Hemerobie ecoinvent]	Area	1,71E-07	sqm	(No statement)
Transformation, to dump site [Hemerobie ecoinvent] Transformation, to dump site, benthos [Hemerobie	Area	3,69E-05	sqm	(No statement)
ecoinvent] Transformation, to dump site, inert material landfill	Area	9,47E-05	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to dump site, residual material landfill	Area	1,42E-05	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to dump site, sanitary landfill [Hemerobie	Area	9,65E-07	sqm	(No statement)
ecoinvent] Transformation, to dump site, slag compartment	Area	4,36E-07	sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,47E-07	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent] Transformation, to forest, intensive [Hemerobie	Area	4,57E-05	sqm	(No statement)
ecoinvent] Transformation, to forest, intensive, normal [Hemerobie	Area	1,14E-06		(No statement)
ecoinvent] Transformation, to heterogeneous, agricultural	Area	2,20E-03	sqm	(No statement)
[Hemerobie ecoinvent]	Area	8,63E-06	sqm	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent] Transformation, to industrial area, benthos [Hemerobie	Area	5,55E-05	•	(No statement)
ecoinvent] Transformation, to industrial area, built up [Hemerobie	Area	6,54E-08	•	(No statement)
ecoinvent] Transformation, to industrial area, vegetation [Hemerobie	Area	1,69E-05		(No statement)
ecoinvent] Transformation, to mineral extraction site [Hemerobie	Area	9,33E-06		(No statement)
ecoinvent] Transformation, to pasture and meadow [Hemerobie	Area	2,96E-04		(No statement)
ecoinvent]	Area	7,45E-07	sqm	(No statement)
Transformation, to permanent crop, fruit, intensive	Area	9,05E-08	sqm	(No statement)

Flow - Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, to sea and ocean [Hemerobie ecoinvent] Transformation, to shrub land, sclerophyllous [Hemerobie	Area	1,21E-08	sqm	(No statement)
ecoinvent] Transformation, to traffic area, rail embankment	Area	1,58E-05	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, rail network [Hemerobie	Area	2,80E-07	sqm	(No statement)
ecoinvent] Transformation, to traffic area, road embankment	Area	3,07E-07	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	2,19E-05	sqm	(No statement)
ecoinvent]	Area	1,66E-05	•	(No statement)
Transformation, to unknown [Hemerobie ecoinvent] Transformation, to urban, discontinuously built	Area	9,56E-06	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to water bodies, artificial [Hemerobie	Area	5,16E-09	sqm	(No statement)
ecoinvent] Transformation, to water courses, artificial [Hemerobie	Area	4,67E-04	sqm	(No statement)
ecoinvent]	Area	1,76E-04		(No statement)
Ulexite [Non renewable resources]	Mass	1,57E-06	0	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-1,82E-08	•	Literature
Uranium free ore [Uranium (resource)]	Mass	6,59E-17	kg	Literature
Uranium natural [Uranium (resource)]	Mass	9,81E-05	kg	(Literature)
Waste (solid) [Waste for disposal]	Mass	0,00E+00	kg	(No statement)
Waste (unspecified) [Consumer waste]	Mass	1,11E-03	kg	(No statement)
Waste for recovery (unspecified) [Waste for recovery]	Mass	9,87E-02	kg	(No statement)
Water (feed water) [Water]	Mass	4,27E-03	kg	(Literature)
Water (ground water) [Water] Water (lake water) [Water]	Mass Mass	7,09E+00 5,90E-02	kg ka	(Estimated) (No statement)
Water (river water) [Water]	Mass	3,09E+02	kg	(No statement)
Water (sea water) [Water]	Mass	4,90E+00	kg	(Literature)
Water (surface water) [Water]	Mass	4,30E+00 6,31E+01	kg	(Literature)
Water [Water]	Mass	1,01E+02	•	(Literature)
Water for industrial use [Operating materials]	Mass	1,94E+00	kg	(Calculated)
Water, salt, sole [in water]	Volume	7,80E-05	•	(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	1,56E+02		(No statement)
Vermiculite [Non renewable resources] Volume occupied, final repository for low-active	Mass	5,62E-08	kg	(No statement)
radioactive waste [Hemerobie ecoinvent] Volume occupied, final repository for radioactive waste	Volume	1,63E-07	m3	(No statement)
[Hemerobie ecoinvent]	Volume Cubic	4,17E-08	m3	(No statement)
	meter			
Volume occupied, reservoir [Hemerobie ecoinvent] Volume occupied, underground deposit [Hemerobie	years	1,18E+00		(No statement)
ecoinvent]	Volume	5,09E-08		(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	-1,29E-02	•	Literature
Wood [Renewable energy resources]	Mass	2,41E-03	•	(Estimated)
Wood, hard, standing [biotic]	Volume	4,50E-04		(No statement)
Wood, soft, standing [biotic] Zinc - copper ore (4.07%-2.59%) [Non renewable	Volume	1,16E-03		(No statement)
resources] Zinc - lead - copper ore (12%-3%-2%) [Non renewable	Mass	1,23E-01	•	(Estimated)
resources] Zinc - lead ore (4.21%-4.96%) [Non renewable	Mass	9,20E-02	U	Calculated
resources]	Mass	1,46E-10	кд	Estimated

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Zinc [Non renewable elements]	Mass	2,41E-05	kg	(No statement)
Zinc ore (sulphide) [Non renewable resources]	Mass	1,01E-11	kg	Calculated
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water]	Mass	2,63E-11	kg	(No statement)
Acenaphthene [Hydrocarbons to sea water]	Mass	1,27E-11	kg	(No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	1,65E-12	•	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	7,93E-13	•	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	6,15E-12	•	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	1,89E-06	0	(Literature)
Acetic acid [Group NMVOC to air]	Mass	5,99E-06	•	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	1,35E-08	•	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air]	Mass	1,61E-06	•	(Literature)
Acid (calculated as H+) [Inorganic emissions to fresh	made	.,012.00	Ng	(Entertation o)
water]	Mass	1,51E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	5,01E-10	kg	(No statement)
Acrolein [Group NMVOC to air]	Mass	3,90E-10	kg	(No statement)
Acrylonitrile [Hydrocarbons to fresh water]	Mass	1,02E-05	kg	(Calculated)
Adsorbable organic halogen compounds (AOX)			Ū	· · · ·
[Analytical measures to fresh water]	Mass	4,18E-05	kg	(Measured)
Adsorbable organic halogen compounds (AOX)				
[Analytical measures to sea water]	Mass	7,38E-10	•	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	2,06E-06		(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	2,29E-01	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	9,58E-08	•	(Literature)
Alkane (unspecified) [Group NMVOC to air]	Mass	3,38E-05	•	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	5,50E-07	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	2,65E-07	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	5,26E-05	•	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	5,08E-08	•	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	2,45E-08	0	(No statement)
Aluminum [Fresh water]	Mass	8,65E-04	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	3,86E-05	kg	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	3,99E-05	•	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	3,64E-06	-	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	1,50E-06	kg	(No statement)
Aluminum [Particles to air]	Mass	6,60E-05	•	(No statement)
Aluminum scrap [Waste for recovery]	Mass	1,11E-06	kg	Measured
Americium (Am241) [Radioactive emissions to fresh			_	
water]	Activity	1,92E-02	•	Calculated
Ammonia [Inorganic emissions to air]	Mass	8,72E-05	•	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	4,67E-07	•	(Measured)
Ammonium / ammonia [Fresh water] Ammonium / ammonia [Inorganic emissions to fresh	Mass	2,33E-07	kg	(No statement)
water]	Mass	1,53E-04	ka	(Literature)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	1,63E-07	•	(No statement)
Ammonium [Inorganic emissions to air]	Mass	2,56E-06	-	Measured
Ammonium carbonate [high population density]	Mass	2,30E-00 4,06E-09	•	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	4,00⊑-09 2,89E-10	•	(Literature)
	Activity	2,39E-06	•	. ,
Antimony (Sb122) [Radioactive emissions to fresh water]		2,39E-06 1,38E-04	•	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity	-	•	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	4,75E-02	•	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	6,19E-08	•	(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	6,58E-02	БЧ	(Literature)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Antimony [Fresh water]	Mass	1,30E-04		(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	8,77E-13	kg	(No statement)
Antimony [Heavy metals to air]	Mass	7,13E-07	kg	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	7,03E-05	kg	(No statement)
Argon (Ar41) [Radioactive emissions to air]	Activity	5,51E+01	Bq	(Literature)
Aromatic hydrocarbons (unspecified) [Group NMVOC to		-,		(
air]	Mass	2,56E-07	kg	(Calculated)
Aromatic hydrocarbons (unspecified) [Hydrocarbons to		~ ~ ~ ~ ~ ~		
fresh water]	Mass	2,22E-06	kg	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	1,17E-06	kg	(No statement)
Arsenic [Fresh water]	Mass	2,86E-07	kg	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	1,13E-08	kg	(No statement)
Arsenic [Heavy metals to air]	Mass	9,97E-07	kg	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	1,16E-06	kg	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	2,28E-07	•	Measured
Arsenic [Heavy metals to sea water]	Mass	2,44E-09	kg	(No statement)
Arsenic trioxide [Heavy metals to air]	Mass	6,88E-12	ka	Measured
Ash [Stockpile goods] Not followed to the grave	Mass	-4,22E-06	0	Calculated
Atrazine [Pesticides to agricultural soil]	Mass	5,97E-12	kg	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	4,03E-06	•	(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	1,05E-05	Bq	(No statement)
Barium [Fresh water]	Mass	1,58E-05	kg	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	7,35E-11	kg	(No statement)
Barium [Inorganic emissions to air]	Mass	3,24E-06	kg	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	4,91E-06	kg	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	1,82E-06	kg	(No statement)
Barium [Inorganic emissions to sea water]	Mass	1,78E-06	kg	(No statement)
Barytes [ocean]	Mass	5,90E-05	kg	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	4,07E-11	kg	(No statement)
Bentazone [Pesticides to agricultural soil]	Mass	2,55E-10	kg	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	2,58E-11	kg	(No statement)
Benzene [Group NMVOC to air]	Mass	2,43E-05	kg	(Literature)
Benzene [Hydrocarbons to fresh water]	Mass	8,57E-07		(Literature)
Benzene [Hydrocarbons to sea water]	Mass	1,70E-07		(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	7,03E-08	-	(Literature)
Beryllium [Fresh water]	Mass	7,07E-08	•	(No statement)
Beryllium [Inorganic emissions to air]	Mass	2,46E-08	•	(Literature)
Beryllium [Inorganic emissions to fresh water] Biological oxygen demand (BOD) [Analytical measures to	Mass	1,55E-09	кд	(Literature)
fresh water]	Mass	1,56E-03	ka	(Literature)
Biological oxygen demand (BOD) [Analytical measures to	Made	1,002 00	Ng	(Enoratoro)
sea water]	Mass	2,18E-04	kg	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh			•	
water]	Mass	3,57E-04	•	(No statement)
Boiler ash (unspecified) [Waste for recovery]	Mass	-1,90E-05	•	Calculated
Boron [Fresh water]	Mass	1,40E-05	•	(No statement)
Boron [Inorganic emissions to air]	Mass	4,66E-08	•	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	2,12E-06	•	(Literature)
Boron [Inorganic emissions to sea water]	Mass	1,68E-08	kg	(No statement)
Boron compounds (unspecified) [Inorganic emissions to	Maco		ka	(Calculated)
air] Bromate [Inorganic emissions to fresh water]	Mass Mass	1,52E-05 1,34E-07	•	(Calculated) (No statement)
Bromine [Fresh water]	Mass	1,34E-07 5,04E-05	•	(No statement)
	111033	J,U+L-00	NY	

Elow Outpute	Quantity	Amount	Unit	Origin of data
Flow - Outputs Bromine [Inorganic emissions to air]	Mass	1,02E-05		Origin of data (Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	2,40E-04	0	(No statement)
Bromine [Inorganic emissions to resh water] Bromine [Inorganic emissions to sea water]	Mass	2,40E-04 1,43E-06	•	(No statement)
Butadiene [Group NMVOC to air]	Mass	1,43E-00 8,47E-14	•	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	1,32E-06	0	(Measured)
Butane [Group NMVOC to air]	Mass	1,32E-00	kg	(Literature)
Butene [Group NMVOC to air]	Mass	1,73E-05	•	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	9,21E-10	•	(No statement)
Cadmium [Fresh water]	Mass	1,32E-07	•	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	2,28E-08	•	(No statement)
Cadmium [Heavy metals to air]	Mass	2,40E-07	0	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	9,64E-07	•	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	3,70E-08	•	Measured
Cadmium [Heavy metals to sea water]	Mass	7,12E-10	kg	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	3,79E-07	kg	(Literature)
Calcium [Fresh water]	Mass	4,58E-03	kg	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	2,50E-03	-	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	6,76E-05	kg	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	9,24E-11	kg	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	1,74E+02	Bq	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	9,97E-01	Bq	(Estimated)
Carbon (unspecified) [Organic emissions to agricultural	Activity	5,57 - 01	БЧ	(Estimated)
soil]	Mass	9,20E-05	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial		,	0	(, , , , , , , , , , , , , , , , , , ,
soil]	Mass	1,09E-05	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	1,49E+00	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	4,68E+00	kg	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	6,64E-06	kg	(No statement)
Carbon monoxide (biotic) [Air]	Mass	1,50E-04	kg	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	4,11E-03	kg	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated				
organic emissions to air]	Mass	9,79E-10	kg	(No statement)
Carbonate [Inorganic emissions to fresh water]	Mass	1,25E-05	kg	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	9,76E-07	•	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	4,19E-06	-	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	1,27E-06	•	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	5,37E-03	•	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	1,36E+00	•	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	7,43E-07	•	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	1,20E-02	•	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	9,19E+00		(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	2,62E+01	Bq	(No statement)
Cesium [Heavy metals to fresh water]	Mass	4,23E-09	0	(No statement)
Cesium [Heavy metals to sea water]	Mass	2,04E-09	кg	(No statement)
Chemical oxygen demand (COD) [Analytical measures to fresh water]	Mass	1,59E-02	ka	(Literature)
Chemical oxygen demand (COD) [Analytical measures to	101033	1,532-02	ĸġ	(Literature)
sea water]	Mass	2,20E-04	ka	Estimated
Chemical oxygen demand, CSB (Ecoinvent) [Fresh		,	5	
water]	Mass	1,09E-03	kg	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	1,18E-06	kg	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	4,72E-06	kg	(Measured)
Chloride [Fresh water]	Mass	2,91E-05	kg	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	3,74E-02	kg	(Literature)

Flow - Outputs Chloride [Inorganic emissions to sea water]	Quantity Mass	Amount 1,02E-03	Unit	Origin of data
Chlorinated hydrocarbons (unspecified) [Halogenated	Mass	1,022-03	kg	(No statement)
organic emissions to fresh water]	Mass	8,19E-08	kg	(Estimated)
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	1,64E-05	-	(Literature)
Chlorine [Inorganic emissions to agricultural soil]	Mass	4,99E-06	0	(No statement)
Chlorine [Inorganic emissions to air]	Mass	2,30E-06	•	(Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	7,99E-05	•	(No statement)
Chloromethane (methyl chloride) [Halogenated organic			0	(, , , , , , , , , , , , , , , , , , ,
emissions to air]	Mass	3,64E-09	kg	Estimated
Chloromethane (methyl chloride) [Halogenated organic				
emissions to fresh water]	Mass	1,59E-07	kg	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	2,28E-09	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to fresh water]	Mass	6,67E-09	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to	IVIA55	0,07 E-09	ĸġ	(No statement)
sea water]	Mass	5,87E-16	kg	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	6,25E-08	•	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	5,04E-02		(No statement)
Chromium (unspecified) [Heavy metals to agricultural	,	-,	1	()
soil]	Mass	3,30E-07	kg	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	1,49E-06	kg	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	4,58E-08	kg	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	2,08E-08	kg	(No statement)
Chromium +III [Heavy metals to fresh water]	Mass	2,89E-08	kg	(Literature)
Chromium +VI [Fresh water]	Mass	2,10E-06	kg	(No statement)
Chromium +VI [Heavy metals to air]	Mass	2,65E-08	kg	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	1,17E-06	kg	(No statement)
Chromium +VI [Heavy metals to industrial soil]	Mass	3,29E-06	kg	(No statement)
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity	2,36E-05	Bq	(No statement)
Cobalt (Co58) [Radioactive emissions to air]	Activity	3,57E-04	Bq	(Literature)
Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	4,08E-01	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to air]	Activity	4,02E-03	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to fresh water]	Activity	4,50E+00	Bq	(Literature)
Cobalt [Fresh water]	Mass	2,75E-06	kg	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	3,14E-08	kg	(No statement)
Cobalt [Heavy metals to air]	Mass	2,74E-07	kg	(Literature)
Cobalt [Heavy metals to fresh water]	Mass	1,96E-08	kg	(No statement)
Cobalt [Heavy metals to sea water]	Mass	7,89E-10	kg	(No statement)
Copper [Fresh water]	Mass	1,12E-04	kg	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	3,70E-07	kg	(No statement)
Copper [Heavy metals to air]	Mass	4,50E-06	kg	(Literature)
Copper [Heavy metals to fresh water]	Mass	2,62E-06	kg	(Literature)
Copper [Heavy metals to industrial soil]	Mass	2,90E-06	kg	Measured
Copper [Heavy metals to sea water]	Mass	4,17E-09	kg	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	6,10E-08	kg	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh			•	
water]	Mass	1,47E-07	kg	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh	A		De	
water]	Activity	2,55E-02	•	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	5,53E-07	•	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	1,19E-06	•	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	7,26E-09	•	(No statement)
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	1,08E-09	•	(No statement)
Cypermethrin [Pesticides to agricultural soil]	Mass	2,06E-12	кg	(No statement)

Flow Outpute	Q	A	11	Origin of data
Flow - Outputs Detergent (unspecified) [Other emissions to fresh water]	Quantity Mass	Amount 1,44E-10	Unit	Origin of data
Dichloroethane (ethylene dichloride) [Halogenated	IVId55	1,440-10	kg	(Literature)
organic emissions to air]	Mass	1,60E-08	kg	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated		,	U	· · · · · ·
organic emissions to fresh water]	Mass	7,76E-09	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated				
organic emissions to air] Dichloromethane (methylene chloride) [Halogenated	Mass	5,72E-06	кg	Calculated
organic emissions to fresh water]	Mass	9,21E-08	ka	(No statement)
Dichloropropane [Halogenated organic emissions to fresh	Madd	0,212 00	Ng	
water]	Mass	0,00E+00	kg	Estimated
Dichromate [river]	Mass	8,59E-08	kg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC		- ·· - ··		
to air]	Mass	6,41E-11	0	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	7,42E-04	•	(No statement)
Different pollutants [Other emissions to industrial soil]	Mass	2,71E-05	0	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	6,20E-10		(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	4,51E-04	0	(No statement)
Dust (> PM10) [Particles to air] Dust (PM2,5 - PM10) [Particles to air]	Mass Mass	2,03E-03 2,04E-04	0	(No statement) (No statement)
Dust (PM2.5) [Particles to air]	Mass	2,04E-04 1,55E-03	0	(No statement)
Dust (unspecified) [Particles to air]	Mass	2,19E-03	0	(Literature)
Ethane [Group NMVOC to air]	Mass	2,19E-03 2,20E-04	0	(Literature)
Ethanol [Group NMVOC to air]	Mass	2,20E 04 2,45E-06	•	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	1,02E-06	-	(Literature)
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	5,42E-08	-	(No statement)
Ethine (acetylene) [Group NMVOC to air]	Mass	4,48E-08	•	(No statement)
Ethyl benzene [Group NMVOC to air]	Mass	1,35E-05	•	(Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	1,87E-07	•	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	4,89E-08	kg	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	7,39E-10	kg	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	1,77E-11	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	6,38E-13	•	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	1,55E-12	0	(No statement)
Exhaust [Other emissions to air]	Mass	9,73E+00	kg	(Calculated)
Fatty acids (calculated as total carbon) [Hydrocarbons to	Maaa		1	(Nie statement)
fresh water] Fatty acids (calculated as total carbon) [Hydrocarbons to	Mass	1,56E-05	кg	(No statement)
sea water]	Mass	1,20E-05	ka	(No statement)
Fenpicionil [Pesticides to agricultural soil]	Mass	1,07E-10	0	(No statement)
Fluoride (unspecified) [Inorganic emissions to air]	Mass	4,30E-07	•	(Literature)
Fluoride [Fresh water]	Mass	9,01E-06	0	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	1,42E-04	•	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	2,41E-06	kg	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	2,53E-07	kg	(No statement)
Fluorides [Inorganic emissions to air]	Mass	3,45E-10	kg	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	6,43E-07	kg	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	2,48E-06	kg	(Measured)
Fly ash (unspecified) [Waste for recovery]	Mass	-7,40E-05	•	Calculated
Formaldehyde (methanal) [Group NMVOC to air]	Mass	1,22E-05	-	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	1,70E-08	-	Literature
Glutaraldehyde [Hydrocarbons to sea water]	Mass	7,28E-09	•	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	1,60E-09	•	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	8,09E-09	кg	(No statement)

	Quantity	Amount	Unit	Origin of data
Flow - Outputs Graphites [Particles to air]	Quantity Mass	Amount 0,00E+00		Origin of data Estimated
Gypsum (FDI) [Waste for recovery]	Mass	1,06E-03	kg	(Measured)
Gypsum [Waste for recovery]	Mass	6,15E-05	•	(Estimated)
Halogenated hydrocarbons (unspecified) [Halogenated	IVId55	0,15E-05	ĸġ	(Estimated)
organic emissions to air]	Mass	-1,51E-12	kg	Literature
Halon (1211) [Halogenated organic emissions to air]	Mass	1,28E-08	•	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	1,03E-08	kg	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	4,14E-02	•	(Literature)
Heat from natural gas [Flows]	Energy	5,14E-12	-	(No statement)
Heat from oil [Flows]	Energy	4,63E-11	MJ	(No statement)
Heat from waste [Flows]	Energy	5,51E-11		(No statement)
Heavy metals to water (unspecified) [Heavy metals to	Litergy	0,01211		(into oracomond)
fresh water]	Mass	1,00E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	4,08E-06	kg	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	1,33E-06	kg	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated			-	
organic emissions to air]	Mass	1,35E-10	kg	(No statement)
Hexaflourosilicates [Air]	Mass	2,23E-08	kg	(No statement)
Hexaflourosilicates [Sweet-]	Mass	4,01E-08	•	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	1,04E-05	-	(Literature)
Highly radioactive waste [Radioactive waste]	Mass	5,54E-06	0	(Calculated)
Highly-active fission product solution [Radioactive waste]	Mass	4,14E-08	kg	(Estimated)
Housing (E-Paper) [Flows]	Mass	2,44E-06	kg	(No statement)
Hydrocarbons (unspecified) [Hydrocarbons to fresh				
water]	Mass	3,24E-06	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	1,11E-06	•	(No statement)
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	4,14E-07	kg	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]	Mass	9,84E-09	kg	(No statement)
Hydrocarbons, halogenated [Halogenated organic	Mass	5,04E 00	Ng	(No statement)
emissions to air]	Mass	3,22E-09	kg	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	9,55E+02	•	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	3,54E+04	•	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	5,44E+04	•	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	3,13E-05		(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	5,71E-10		Measured
Hydrogen chloride [Inorganic emissions to air]	Mass	3,34E-04	kg	(Literature)
Hydrogen chloride [Inorganic emissions to fresh water]	Mass	1,27E-12	kg	Estimated
Hydrogen cyanide (prussic acid) [Inorganic emissions to				
air]	Mass	3,84E-08	kg	(Calculated)
Hydrogen fluoride (hydrofluoric acid) [Inorganic			1	Maaaaaad
emissions to fresh water]	Mass	1,85E-09	•	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	1,04E-04	•	(Literature)
Hydrogen peroxide [Sweet-]	Mass	6,76E-10	•	(No statement)
Hydrogen sulphide [Fresh water]	Mass	4,32E-06	0	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	7,36E-05	•	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	2,10E-08	-	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	5,85E-06	•	Estimated
Hypochlorite [Inorganic emissions to fresh water]	Mass	8,47E-07	-	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	9,50E-07	•	(No statement)
Iliad Module (E-Paper) [Flows]	Mass	4,79E-12	-	(No statement)
Incineration good [Waste for disposal]	Mass	9,36E-05	-	Literature
Industrial waste for municipal disposal [Consumer waste]	Mass Mass	9,67E-03 1,60E-04	•	(Literature)
inert chemical waste [Consumer waste]	111022	1,00⊑-04	кy	(Literature)

Flow - Outputs Inert gases [Radioactive emissions to air] Inorganic salts and acids (unspecified) [Inorganic	Quantity Activity	Amount 1,35E+06	Unit Bq	Origin of data (No statement)
emissions to fresh water]	Mass	-1,60E-07	kg	Literature
lodide [Fresh water]	Mass	1,19E-12	kg	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	4,58E-07	-	(No statement)
lodide [Inorganic emissions to sea water]	Mass	2,04E-07	kg	(No statement)
lodine (I129) [Radioactive emissions to air]	Activity	1,82E-01	Bq	Calculated
lodine (I129) [Radioactive emissions to fresh water]	Activity	2,85E+00	Bq	(Estimated)
lodine (I131) [Radioactive emissions to air]	Activity	1,45E-01	Bq	(Literature)
lodine (I131) [Radioactive emissions to fresh water]	Activity	9,52E-03	Bq	(Literature)
lodine (I133) [Radioactive emissions to air]	Activity	4,81E-06	Bq	(No statement)
lodine (I133) [Radioactive emissions to fresh water]	Activity	6,57E-06	Bq	(No statement)
lodine [Inorganic emissions to air]	Mass	2,57E-07	kg	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	1,81E-06	Bq	(No statement)
Iron [Fresh water]	Mass	4,96E-04	kg.	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	9,07E-05	kg	(No statement)
Iron [Heavy metals to air]	Mass	1,46E-06	kg	(Literature)
Iron [Heavy metals to fresh water]	Mass	9,34E-04	•	(Literature)
Iron [Heavy metals to industrial soil]	Mass	2,32E-05	•	(No statement)
Iron [Heavy metals to sea water]	Mass	1,11E-07	•	(No statement)
Isocyanide acid [Air]	Mass	5,99E-07	-	(No statement)
Jacket and body material [Radioactive waste]	Mass	5,58E-09	•	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	7,37E+05	•	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	1,28E+00	•	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	2,43E-02	•	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	2,60E-02		(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	7,99E-03	•	(No statement)
Lanthanides [Heavy metals to air]	Mass	9,23E-10	•	(Estimated)
Lanthanum (La140) [Radioactive emissions to fresh		-,	5	(,
water]	Activity	1,12E-05	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	3,44E-07	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	1,69E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	2,27E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	1,15E-02	Bq	(No statement)
Lead [Fresh water]	Mass	1,32E-06	kg	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	1,33E-07	kg	(No statement)
Lead [Heavy metals to air]	Mass	4,59E-06	kg	(Literature)
Lead [Heavy metals to fresh water]	Mass	7,98E-06	kg	(Literature)
Lead [Heavy metals to industrial soil]	Mass	1,63E-06	kg	Measured
Lead [Heavy metals to sea water]	Mass	1,91E-08	kg	(No statement)
Linuron [Pesticides to agricultural soil]	Mass	3,88E-09	kg	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	9,18E-07	kg	(Estimated)
Liquid waste [Consumer waste]	Mass	7,25E+03	kg	(Calculated)
Magnesium [Fresh water]	Mass	4,81E-04	kg	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	1,47E-04	kg	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	1,12E-05	kg	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	5,03E-10	kg	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	2,97E-09	kg	(No statement)
Manganese (Mn54) [Radioactive emissions to air] Manganese (Mn54) [Radioactive emissions to fresh	Activity	3,20E-08		(No statement)
water]	Activity	6,78E-01	•	(Literature)
Manganese [Fresh water]	Mass	9,71E-05	•	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	3,13E-05	kg	(No statement)

Flow Outputo	Quantity	Amount	110:4	Origin of data
Flow - Outputs Manganese [Heavy metals to air]	Quantity Mass	Amount 2,76E-06	Unit	Origin of data (Calculated)
Manganese [Heavy metals to fresh water]	Mass	2,70E-00 8,34E-06	•	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	0,34E-00 1,45E-07	kg kg	(No statement)
Manganese [Heavy metals to sea water]	Mass	9,00E-08	kg	(No statement)
Medium and low radioactive liquid waste [Radioactive	IVIASS	9,002-00	ĸġ	
waste]	Mass	5,76E-08	kg	(Estimated)
Medium and low radioactive wastes [Radioactive waste]	Mass	6,58E-06	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	1,44E-10	-	(Literature)
Mercury [Fresh water]	Mass	7,54E-09	•	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	7,35E-10	•	(No statement)
Mercury [Heavy metals to air]	Mass	1,15E-07	•	(Literature)
Mercury [Heavy metals to fresh water]	Mass	2,76E-08	kg	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	9,19E-09	kg	Measured
Mercury [Heavy metals to sea water]	Mass	1,07E-10	kg	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	8,63E-05	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh			U	· · · ·
water]	Mass	9,22E-06	kg	(Calculated)
Metaldehyde [Organic emissions to agricultural soil]	Mass	1,79E-11	kg	(No statement)
Metals (unspecified) [Inorganic emissions to fresh water]	Mass	4,54E-16	kg	Literature
Metals (unspecified) [Particles to air]	Mass	-4,32E-08	kg	(Estimated)
Metals (unspecified) [Particles to fresh water]	Mass	3,67E-07	kg	(Literature)
Methacrylate [Group NMVOC to air]	Mass	5,04E-08	kg	Calculated
Methane (biotic) [Air]	Mass	1,11E-04	kg	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	1,29E-02	kg	(Literature)
Methanol [Group NMVOC to air]	Mass	2,64E-06	kg	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	1,27E-05	•	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	1,51E-08	•	(No statement)
Methanol [Organic intermediate products]	Mass	2,70E-10	•	Literature
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	1,39E-06	•	Calculated
Methyl tert-butylether [Group NMVOC to air]	Mass	2,95E-09	•	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	4,55E-11	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	1,33E-08	kg	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	2,81E-08	kg	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	1,04E-10	kg	(No statement)
Mineral waste [Consumer waste]	Mass	2,42E-07	kg	(Estimated)
Molybdenum (Mo99) [Radioactive emissions to fresh	A otivity		Da	(No statement)
water] Melubdenum [Freeb weter]	Activity Mass	3,85E-06	•	(No statement)
Molybdenum [Fresh water]	Mass	8,50E-08 7,72E-09		(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass		-	(No statement)
Molybdenum [Heavy metals to air] Molybdenum [Heavy metals to fresh water]	Mass	2,36E-08 1,58E-06	•	(Literature)
Molybdenum [Heavy metals to sea water]	Mass	4,20E-10	•	(Estimated) (No statement)
Monoethanolamine [Group NMVOC to air]	Mass	4,20E-10 1,20E-08	•	(No statement)
Municipal waste [Consumer waste]	Mass	2,19E-04	-	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	2,19E-04 3,16E-11	kg	(No statement)
Neutral salts [Inorganic emissions to fresh water]	Mass	-5,10E-08	•	Calculated
Nickel [Fresh water]	Mass	3,44E-05	-	(No statement)
Nickel [Heavy metals to agricultural soil]	Mass	9,72E-08	•	(No statement)
Nickel [Heavy metals to air]	Mass	3,30E-06	•	(Literature)
Nickel [Heavy metals to fresh water]	Mass	3,30E-00 8,34E-07	•	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	2,29E-09	kg	(No statement)
Nickel [Heavy metals to sea water]	Mass	2,29E-09 1,92E-09	-	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	1,08E-02	•	(No statement)
	Activity	1,002 02	-4	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Nitrate [Fresh water]	Mass	2,08E-05		(No statement)
Nitrate [Inorganic emissions to air]	Mass	2,06E-05 3,95E-09	•	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	5,68E-04	•	(Literature)
Nitrate [Inorganic emissions to near water]	Mass	1,74E-05	kg	(No statement)
Nitrite [Fresh water]	Mass	1,74E-03	•	(No statement)
Nitrite [Inorganic emissions to fresh water]	Mass	6,92E-06	kg	(No statement)
Nitrite [Inorganic emissions to sea water]	Mass	3,55E-07	•	(No statement)
	Mass	2,75E-05		· · · ·
Nitrogen [Inorganic emissions to fresh water]	Mass	2,75E-05 9,92E-09	kg ka	(Estimated) (No statement)
Nitrogen [Inorganic emissions to sea water] Nitrogen organic bounded [Fresh water]		9,92E-09 3,80E-07	•	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh	Mass	3,00E-07	kg	(NO Statement)
water]	Mass	1,97E-06	kg	Literature
Nitrogen organic bounded [Inorganic emissions to sea	Madd	1,072 00	Ng	Entertature
water]	Mass	6,66E-07	kg	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	1,30E-02	•	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	2,95E-04	•	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	1,63E-03	•	(Literature)
non used primary energy from water power [Other	Energy	,	3	(
emissions to fresh water]	ren.	3,58E-01	MJ	(Calculated)
non used primary energy from wind power [Other	Energy			
emissions to air]	ren.	2,09E-02		(Measured)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	3,64E-04	kg	(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	6,71E-05	kg	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	4,38E-04	•	(No statement)
Oil (unspecified) [Organic emissions to industrial soil]	Mass	2,17E-06	kg	Measured
Orbencarb [Pesticides to agricultural soil]	Mass	5,64E-10	kg	(No statement)
Organic chlorine compounds (unspecified) [Organic				
emissions to fresh water]	Mass	1,44E-10	kg	(Literature)
Organic chlorine compounds [Organic emissions to air	Mass	1,44E-10	ka	(Literature)
(group VOC)] Organic compounds (dissolved) [Organic emissions to	IVIA55	1,446-10	kg	(Literature)
fresh water]	Mass	4,09E-08	kg	Calculated
Organic compounds (unspecified) [Organic emissions to		.,		
fresh water]	Mass	3,61E-15	kg	Literature
Organic waste [Consumer waste]	Mass	1,10E-09	kg	Literature
Overburden [Stockpile goods] Not followed to the grave	Mass	1,19E+00	kg	(Calculated)
Ozone [Inorganic emissions to air]	Mass	8,11E-05	kg	(No statement)
Pentachlorobenzene [Halogenated organic emissions to			-	
air]	Mass	1,17E-10	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic				
emissions to air]	Mass	2,25E-08	•	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	2,86E-05	kg	(Literature)
Personal computer [Flowal	Number of	4 225 17	0.00	(No statement)
Personal computer [Flows]	pieces Moss	4,32E-17	•	,
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	3,08E-08	•	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	9,57E-07	•	(Estimated)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	2,62E-07	•	(No statement)
Phosphate [Fresh water]	Mass	2,44E-05	-	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	3,13E-05	•	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	1,93E-07	•	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	1,53E-05	-	(No statement)
Phosphorus [Inorganic emissions to air]	Mass	3,59E-06	•	(No statement)
Phosphorus [Inorganic emissions to fresh water]	Mass	1,29E-07	•	(No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	1,82E-07	•	(No statement)
Phosphorus [Inorganic emissions to sea water]	Mass	2,30E-08	кд	(No statement)

Flow Outputs	Quantity	Amount	llnit	Origin of data
Flow - Outputs Pirimicarb [Pesticides to agricultural soil]	Quantity Mass	Amount 2,42E-11	Unit kg	Origin of data (No statement)
Plastic (unspecified) [Waste for recovery]	Mass	6,22E-05	kg	(Literature)
Platinum [Heavy metals to air]	Mass	3,79E-15	kg	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	2,61E-04	Bq	(Estimated)
Plutonium (Pu alpha) [Radioactive emissions to fresh	rouvity	2,012 01	Dq	(Lotimatod)
water]	Activity	8,28E-02	Bq	(Estimated)
Plutonium (Pu238) [Radioactive emissions to air]	Activity	1,92E-08	Bq	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	1,13E-08	kg	(Calculated)
Polonium (Po210) [Radioactive emissions to air]	Activity	2,61E-01	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	2,27E-01	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to sea water]	Activity	1,75E-02	Bq	(No statement)
Polychlorinated biphenyls (PCB unspecified)	Masa		1	(NIA statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	1,66E-10	kg	(No statement)
[Halogenated organic emissions to air]	Mass	3,97E-12	kg	(Literature)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	10035	0,07E 12	Ng	(Enclature)
[Halogenated organic emissions to fresh water]	Mass	6,07E-21	kg	Estimated
Polycyclic aromatic hydrocarbons (PAH) [Group PAH to		,	U	
air]	Mass	3,58E-07	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)			1	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
[Hydrocarbons to fresh water]	Mass	5,81E-07	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.) [Hydrocarbons to sea water]	Mass	1,63E-08	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	2,36E-06	kg	(No statement)
Potassium (K40) [Radioactive emissions to air]	Activity	2,19E-02	Bq	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	2,84E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	1,39E-03	•	(No statement)
Potassium [Fresh water]	Mass	2,91E-04	kg	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	8,56E-05	kg	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	8,63E-06	kg	(No statement)
Propane [Group NMVOC to air]	Mass	1,04E-04	kg	(Literature)
Propanol (iso-propanol; isopropanol) [Group NMVOC to		,	0	()
air]	Mass	2,85E-05	kg	Estimated
Propene (propylene) [Group NMVOC to air]	Mass	1,73E-06	kg	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	6,18E-08	kg	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	2,58E-11	-	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	1,29E-07	0	(Literature)
Propylene oxide [Group NMVOC to air]	Mass	3,38E-09		(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	8,13E-09	0	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air]	Activity	1,99E-02	Bq	(No statement)
Protactinium (Pa234m) [Radioactive emissions to fresh water]		3,69E-01	Bq	(No statement)
R 11 (trichlorofluoromethane) [Halogenated organic	Activity	3,092-01	БЧ	(NO Statement)
emissions to air]	Mass	1,20E-07	kg	(Estimated)
R 113 (trichlorofluoroethane) [Halogenated organic		,	5	(
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 114 (dichlorotetrafluoroethane) [Halogenated organic				
emissions to air]	Mass	1,62E-07	kg	(Estimated)
R 116 (hexafluoroethane) [Halogenated organic	Maga		ka	Coloulated
emissions to air] R 12 (dichlorodifluoromethane) [Halogenated organic	Mass	5,06E-08	ĸġ	Calculated
emissions to air]	Mass	2,58E-08	ka	(Estimated)
R 124 (chlorotetrafluoroethane) [Halogenated organic		_,:::= :::		()
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 13 (chlorotrifluoromethane) [Halogenated organic				·
emissions to air]	Mass	1,62E-08	kg	(Estimated)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
R 134a (tetrafluoroethane) [Halogenated organic emissions to air]	Mass	8,69E-08	kg	(No statement)
R 21 (Dichlorofluoromethane) [Halogenated organic emissions to air] R 22 (chlorodifluoromethane) [Halogeneted organic	Mass	1,44E-16	kg	(No statement)
R 22 (chlorodifluoromethane) [Halogenated organic emissions to air] R 23 (trifluoromethane) [Halogenated organic emissions	Mass	8,92E-08	kg	(Estimated)
to air] Radioactive emissions (general) [Radioactive emissions	Mass	4,59E-14	kg	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	4,11E-02	Bq	Literature
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	3,26E-01	Bq	(No statement)
to fresh water]	Activity	1,37E+02	Bq	(No statement)
Radioactive tailings [Radioactive waste]	Mass	6,65E-04	kg	(Calculated)
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	2,12E-01	Bq	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	1,02E-01	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	6,83E-01	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	5,51E+02	Bq	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	1,76E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	8,83E-03	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	4,23E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	2,04E-01	Bq	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	8,33E-05	•	(No statement)
Radon (Rn222) [Air]	Activity	2,58E+06	Bq	(No statement)
Radon (Rn222) [Radioactive emissions to air] Red mud (wet) (3% NaOH) [Hazardous waste for	Activity	7,20E+04	•	(Literature)
disposal]	Mass	7,59E-04	kg	Measured
Residues for incineration [Waste for disposal]	Mass	9,79E-07	•	(No statement)
Rolling tinder [Waste for recovery]	Mass	5,04E-04	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	7,69E-08	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air] Ruthenium (Ru103) [Radioactive emissions to fresh	Activity	8,35E-10	•	(No statement)
water] Ruthenium (Ru106) [Radioactive emissions to fresh	Activity	8,12E-07	Bq	(No statement)
water]	Activity	1,92E-02	Ba	Calculated
Scandium [Fresh water]	Mass	1,06E-07		(No statement)
Scandium [Inorganic emissions to air]	Mass	5,69E-10	•	(Estimated)
Scandium [Inorganic emissions to fresh water]	Mass	2,60E-08	•	(No statement)
Selenium [Fresh water]	Mass	1,06E-07	0	(No statement)
Selenium [Heavy metals to air]	Mass	7,70E-07	•	(Literature)
Selenium [Heavy metals to fresh water]	Mass	2,67E-07	•	(Literature)
Selenium [Heavy metals to sea water]	Mass	6,29E-10	•	(No statement)
Sewage sludge (waste water processing) [Hazardous waste]	Mass	2,18E-04	kg	Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	2,95E-11	kg	(No statement)
Silicon dioxide (silica) [Particles to air]	Mass	0,00E+00	kg	Estimated
Silicon dioxide (silica) [Particles to fresh water]	Mass	0,00E+00	•	Estimated
Silver (Ag110m) [Radioactive emissions to air]	Activity	8,28E-09	•	(No statement)
Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	1,99E-01	•	(Literature)
Silver [Fresh water]	Mass	3,46E-10	•	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	1,42E-11	•	(No statement)
Silver [Heavy metals to air]	Mass	1,04E-12	•	(No statement)
Silver [Heavy metals to fresh water]	Mass	7,27E-09	•	(Literature)
Silver [Heavy metals to sea water]	Mass	1,22E-09	•	(No statement)
		1,220 00		

Flow Outpute	O	A	11	Origin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data (Measured)
Slag (Iron plate production) [Waste for recovery]	Mass Mass	5,09E-03 2,82E-08	kg ka	(Measured) Estimated
Slag (Mo-containing) [Waste for recovery] Slag [Hazardous waste]	Mass	2,02E-00 5,13E-04	0	(Literature)
Slag [Waste for recovery]	Mass	9,19E-04		(Literature)
Sludge [Hazardous waste]	Mass	9,19E-04 3,40E-03	kg kg	(Calculated)
Sludge from water works (6% dry matter-content) [Waste	IVIA55	3,40⊑-03	ĸġ	(Calculateu)
for disposal]	Mass	1,43E-08	kg	(No statement)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	2,91E-05	0	(No statement)
Sodium [Fresh water]	Mass	1,21E-04	•	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	1,44E-02	0	(Literature)
Sodium [Inorganic emissions to sea water]	Mass	6,24E-04	kg	(No statement)
Sodium chlorate [high population density]	Mass	2,13E-09	•	(No statement)
Sodium chloride (rock salt) [Inorganic intermediate		_,:0_ 00		(
products]	Mass	1,84E-05	kg	Calculated
Sodium dichromate [high population density]	Mass	2,31E-08	kg	(No statement)
Sodium formate [high population density]	Mass	2,10E-11	kg	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	5,05E-11	kg	(No statement)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	5,12E-08	kg	(Estimated)
Solder paste waste [Hazardous waste for recovery]	Mass	2,33E-05	kg	Estimated
Solids (dissolved) [Analytical measures to fresh water]	Mass	1,15E-03	kg	(Literature)
Solids (suspended) [Fresh water]	Mass	5,29E-03	kg	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	1,55E-03	kg	(Estimated)
Solids (suspended) [Particles to sea water]	Mass	2,10E-04	kg	(No statement)
Spoil [Stockpile goods] Not followed to the grave	Mass	1,68E-10	kg	Calculated
Steam [Inorganic emissions to air]	Mass	2,18E+00	kg	(Estimated)
Steel works slag [Waste for recovery]	Mass	2,63E-03	kg	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	8,56E-03	Bq	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	4,31E+00	Bq	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	2,91E+00	Bq	(No statement)
Strontium [Fresh water]	Mass	1,19E-05	kg	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	2,08E-10	kg	(No statement)
Strontium [Heavy metals to fresh water]	Mass	3,08E-05	•	(Literature)
Strontium [Heavy metals to industrial soil]	Mass	3,64E-08	•	(No statement)
Strontium [Heavy metals to sea water]	Mass	1,23E-05	0	(No statement)
Strontium [Inorganic emissions to air]	Mass	5,20E-08	-	(Estimated)
Styrene [Group NMVOC to air]	Mass	2,85E-10	0	(No statement)
Sulphate [Fresh water]	Mass	1,76E-03	0	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	8,76E-03	0	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	2,33E-05	•	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	1,49E-07	0	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	3,35E-08	•	(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	5,20E-06	-	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	2,07E-05	•	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	1,13E-06	•	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass	2,18E-06	•	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	3,02E-08	kg	(No statement)
Sulphur dioxide [Inorganic emissions to air]	Mass	2,62E-02	kg	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass	8,52E-07	•	(Literature)
Sulphuric acid [Inorganic emissions to air]	Mass	8,43E-08	kg	(Calculated)
Tailings [Stockpile goods] Not followed to the grave	Mass	3,44E-01	kg	(Literature)
Tebutam [Pesticides to agricultural soil]	Mass	7,50E-11	kg	(No statement)
Technetium (Tc99m) [Radioactive emissions to fresh water]	Activity	8,87E-05	Ba	(No statement)
		5,57 E 50	- 7	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Teflubenzuron [Pesticides to agricultural soil]	Mass	6,95E-12	kg	(No statement)
Tellurium (Te123m) [Radioactive emissions to fresh			0	, , , , , , , , , , , , , , , , , , ,
water]	Activity	7,02E-03	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water]	Activity	2,23E-07	Bq	(No statement)
Tetrafluoromethane [Halogenated organic emissions to	Mass	4,79E-07	kg	Measured
air] Thallium [Fresh water]	Mass	4,79E-07 1,82E-08	kg	(No statement)
Thallium [Heavy metals to air]	Mass	3,31E-09	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	9,85E-09	kg	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	2,30E-03	-	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	8,46E-01	•	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	4,08E-01	•	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	2,26E+01	•	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	5,03E+01	•	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	3,25E-03		(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	5,30E-02		(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	1,99E-02	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	3,69E-01	Bq	(No statement)
Tin [Fresh water]	Mass	5,93E-06	kg	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	8,22E-09	kg	(No statement)
Tin [Heavy metals to air]	Mass	2,56E-07	kg	(Calculated)
Tin [Heavy metals to fresh water]	Mass	3,14E-08	kg	(Literature)
Titanium [Heavy metals to agricultural soil]	Mass	2,15E-06	kg	(No statement)
Titanium [Heavy metals to air]	Mass	2,58E-07	kg	(Estimated)
Titanium [Heavy metals to fresh water]	Mass	6,61E-07	kg	(Literature)
Titanium [Heavy metals to sea water]	Mass	3,75E-10	kg	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	1,24E-05	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	9,25E-07	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	2,94E-07	kg	(No statement)
Top Cover (E-Paper) [Flows]	Mass	1,27E-01	kg	(No statement)
Total dissolved organic bounded carbon [Analytical	Maaa	5,36E-04	ka	(Estimated)
measures to fresh water] Total dissolved organic bounded carbon [Analytical	Mass	5,30E-04	ку	(Estimated)
measures to sea water]	Mass	7,23E-05	ka	(No statement)
Total organic bounded carbon [Analytical measures to		.,_0_ 00		()
fresh water]	Mass	1,06E-03	kg	(Measured)
Total organic bounded carbon [Analytical measures to				
sea water]	Mass	7,23E-05	•	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	4,51E-04	•	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	6,83E-04	0	(Calculated)
Tributyltinoxide [Pesticides to sea water]	Mass	4,12E-08	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic emissions to air]	Mass	1,54E-09	ka	(No statement)
Trichloromethane (chloroform) [Halogenated organic	Wass	1,542-09	ĸġ	(NO Statement)
emissions to fresh water]	Mass	1,44E-16	kg	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	2,60E-08	kg	(No statement)
Tungsten [Fresh water]	Mass	7,93E-08	•	(No statement)
Tungsten [Heavy metals to fresh water]	Mass	5,42E-08	kg	(No statement)
Uranium (total) [Radioactive emissions to air]	Activity	1,12E+00	-	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	2,78E-01	Bq	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	4,42E-01	Bq	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	1,35E-02	Bq	(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	7,30E-01	Bq	(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	6,05E-01	Bq	(Literature)

		_		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Uranium (U238) [Radioactive emissions to fresh water]	Activity	1,22E+00		(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	5,88E-03		(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	2,72E+01	•	(Literature)
Uranium depleted [Radioactive waste]	Mass	1,31E-05	0	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass Mass	1,04E-09 7,59E-01	•	(Calculated) (Measured)
Used air [Other emissions to air]	Mass	1,18E-12	•	(Literature)
Used oil [Hazardous waste for recovery] Vanadium [Fresh water]	Mass	1,18E-12 1,94E-06	0	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	6,16E-08	0	(No statement)
Vanadium [Heavy metals to agricultural soli]	Mass	3,39E-06	0	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	9,37E-07	•	(Literature)
Vanadium [Heavy metals to sea water]	Mass	1,25E-09	•	(No statement)
Waste heat [Fresh water]	Energy	4,23E-03	•	(No statement)
Waste heat [Other emissions to air]	Energy	7,58E+01		(Measured)
Waste heat [Other emissions to fresh water]	Energy	4,81E+00		(Measured)
Waste paper [Waste for recovery]	Mass	1,14E-06		Measured
Waste radioactive [Radioactive waste]	Mass	1,10E-05	0	(Literature)
Waste water [Other emissions to fresh water]	Mass	4,30E+03	0	(Literature)
Waste water processing residue [Hazardous waste for	101035	4,002100	Ng	(Enclatato)
recovery]	Mass	3,75E-02	kg	Literature
Wave solder dross [Hazardous waste for recovery]	Mass	9,10E-05	0	Estimated
Vinyl chloride (VCM; chloroethene) [Halogenated organic			Ū	
emissions to air]	Mass	1,13E-07	kg	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic				
emissions to fresh water]	Mass	4,92E-10	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group VOC)]	Mass	1,06E-04	ka	(Literature)
VOC [Organic emissions to fresh water]	Mass	2,41E-06	•	(No statement)
VOC [Organic emissions to sea water]	Mass	7,13E-07	•	(No statement)
Volatile fission products (inert gases;iodine;C14)	101233	7,132-07	ĸġ	(NO Statement)
[Radioactive waste]	Mass	4,25E-10	kg	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	9,28E-01	•	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	1,35E+02	Bq	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	1,24E+00	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	4,87E+01	Bq	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	1,14E+01	Bq	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	3,27E-02	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	2,58E+00	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	6,73E-05	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to		_		
fresh water]	Mass	3,80E-06	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to	Maaa	2 425 07	ka	(No statement)
sea water] Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group	Mass	2,43E-07	ку	(No statement)
NMVOC to air]	Mass	1,42E-06	ka	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	1,60E-07	-	(No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	3,95E-04	•	(No statement)
Zinc [Fresh water]	Mass	9,74E-06	•	(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	3,39E-06	•	(No statement)
Zinc [Heavy metals to air]	Mass	1,14E-05	0	(Literature)
Zinc [Heavy metals to fresh water]	Mass	4,93E-06	-	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	2,47E-06	•	Measured
Zinc [Heavy metals to sea water]	Mass	2,98E-06	•	(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	1,20E-08	-	Measured
-			-	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Zirconium (Zr) [Air]	Mass	3,86E-11	kg	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	1,56E-07	Bq	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	4,57E-06	Bq	(No statement)

Appendix 2.5 LCI Data - Web based newspaper with print-out, European scenario

In the tables below the LCI data for the studied system "Web based newspaper with print-out, European scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Additives [STFI-PF import] Not followed to the cradle	Mass	1,15E-03		Literature
Air [Operating materials]	Mass	3,64E-17	kg	Estimated
Air [Renewable resources]	Mass	1,36E+01	kg	(Calculated)
Aluminum [Non renewable elements]	Mass	2,17E-02	kġ	(No statement)
Antimonite [Non renewable resources]	Mass	6,64E-10	•	(No statement)
Barium sulphate [Non renewable resources]	Mass	5,14E-02	kg	(No statement)
Basalt [Non renewable resources]	Mass	2,91E-03	kg	(No statement)
Bauxite [Non renewable resources]	Mass	1,07E-02	-	Calculated
Bentonite [Non renewable resources]	Mass	1,13E-02	kg	(Literature)
Blast furnace dust [Organic intermediate products]	Mass	1,77E-11	kg	Calculated
Borax [Non renewable resources]	Mass	9,67E-07	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	7,94E-12	kg	Literature
Carbon dioxide [Renewable resources]	Mass	9,85E+00	kg	Calculated
Catalyst [Operating materials]	Mass	3,34E-07	kg	Calculated
Chromium [Non renewable elements]	Mass	1,91E-03	kg	(No statement)
Chrysotile [Non renewable resources]	Mass	3,84E-06	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	3,52E-07	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	3,86E-09	kġ	Calculated
Clay [Non renewable resources]	Mass	1,80E-01	kg	(No statement)
Cobalt [Non renewable elements]	Mass	9,49E-08	kġ	(No statement)
Colemanite ore [Non renewable resources]	Mass	1,95E-04	kg	Calculated
Cooling water [Operating materials]	Mass	9,10E+01	kg	(Measured)
Copper [Non renewable elements] Not followed to the			-	
grave	Mass	3,02E-03	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	2,60E+00	kg	Measured
Copper ore (0.3%) [Non renewable resources]	Mass	1,06E-08	kg	Estimated
Crude oil [Crude oil (resource)]	Mass	1,01E+01	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	1,07E-02	•	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	4,40E-03	•	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	7,63E-06	•	Literature
Crude oil Australia [Crude oil (resource)]	Mass	2,93E-04	kg	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	1,65E-04	•	Literature
Crude oil Cameroon [Crude oil (resource)]	Mass	9,18E-04	0	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	4,33E-03	kg	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	7,70E-05	-	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	4,82E-05	•	(Calculated)
Crude oil China [Crude oil (resource)]	Mass	2,22E-02	•	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	4,37E-02	-	(Literature)
Crude oil Colombia [Crude oil (resource)]	Mass	1,68E-06	•	(Literature)
Crude oil Denmark [Crude oil (resource)]	Mass	2,28E-04	•	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	1,94E-03	•	(Estimated)
Crude oil France [Crude oil (resource)]	Mass	2,02E-04		(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	1,94E-03	-	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	6,81E-05	kg	(Estimated)

Flow - Inp	ute	Quantity	Amount	Unit	Origin of data
-	Germany [Crude oil (resource)]	Mass	5,40E-03		(Literature)
	ndonesia [Crude oil (resource)]	Mass	8,36E-05	•	(Estimated)
	ran [Crude oil (resource)]	Mass	1,29E-02	•	(Estimated)
	taly [Crude oil (resource)]	Mass	2,05E-03	•	(Literature)
	(uwait [Crude oil (resource)]	Mass	4,23E-03	•	(Estimated)
	Libya [Crude oil (resource)]	Mass	4,23E-03 3,04E-02	•	(Literature)
	Aexico [Crude oil (resource)]	Mass	5,20E-04	•	(Literature)
	Aiddle East [Crude oil (resource)]	Mass	2,65E-04	•	(Calculated)
	Notice Last [Crude oil (resource)]	Mass	1,33E-03	•	(Literature)
	New Zealand [Crude oil (resource)]	Mass	1,02E-05	-	(Estimated)
	Vigeria [Crude oil (resource)]	Mass	1,02E-03	•	(Estimated)
	North Africa [Crude oil (resource)]	Mass	1,05E-02	•	(Calculated)
	Vorway [Crude oil (resource)]	Mass	4,53E-02	•	(Literature)
	Dman [Crude oil (resource)]	Mass	4,55E-02 1,17E-03	•	(Estimated)
	Qatar [Crude oil (resource)]	Mass	3,92E-05	•	(Estimated)
	Saudi Arabia [Crude oil (resource)]	Mass	2,87E-02	•	(Estimated)
	Tunisia [Crude oil (resource)]	Mass	6,75E-05	•	(Literature)
	Jnited Arab Emirates [Crude oil (resource)]	Mass	5,06E-05	•	(Estimated)
	Jnited Kingdom [Crude oil (resource)]	Mass	4,15E-02	•	(Literature)
	JSA [Crude oil (resource)]	Mass	4,13E-02 4,74E-05	0	(Literature)
	/enezuela [Crude oil (resource)]	Mass	4,74E-03 8,54E-03	•	(Literature)
		Mass	6,39E-09	•	()
	[Non renewable resources]	Mass	-	•	(No statement)
Doionnite [Non renewable resources]	Energy	1,29E-03	kg	(Literature)
Energy ca	lorific value, in organic substance [biotic]	ren.	1,08E+02	MJ	(No statement)
••	aluminum silicates) [Non renewable resources]	Mass	2,59E-09	kg	(No statement)
• •	Ion renewable elements]	Mass	9,97E-05	•	(No statement)
	(calcium fluoride; fluorite) [Non renewable	Made	0,07 2 00	Ng	
resources]		Mass	2,81E-03	kg	Calculated
Granite [N	on renewable resources]	Mass	1,98E-05	kg	(No statement)
Gypsum (r	natural gypsum) [Non renewable resources]	Mass	1,22E-05	kg	(No statement)
Hard coal	[Hard coal (resource)]	Mass	1,97E+00	kg	(Literature)
Hard coal	Australia [Hard coal (resource)]	Mass	5,54E-03	kg	(Calculated)
Hard coal	Belgium [Hard coal (resource)]	Mass	3,94E-04	kg	(Calculated)
Hard coal	Brazil [Hard coal (resource)]	Mass	3,64E-05	kg	(Estimated)
Hard coal	Canada [Hard coal (resource)]	Mass	2,32E-03	kg	(Calculated)
Hard coal	China [Hard coal (resource)]	Mass	4,11E-01	kg	(Calculated)
Hard coal	CIS [Hard coal (resource)]	Mass	2,54E-03	kg	(Calculated)
Hard coal	Colombia [Hard coal (resource)]	Mass	4,79E-03	kg	(Measured)
Hard coal	Czech Republic [Hard coal (resource)]	Mass	2,38E-03	kg	(Measured)
Hard coal	France [Hard coal (resource)]	Mass	4,84E-03	kg	(Calculated)
Hard coal	Germany [Hard coal (resource)]	Mass	6,94E-02	kg	(Calculated)
Hard coal	Indonesia [Hard coal (resource)]	Mass	3,09E-03	kg	(Measured)
Hard coal	Japan [Hard coal (resource)]	Mass	3,81E-06	kg	(Calculated)
Hard coal	Poland [Hard coal (resource)]	Mass	1,00E-02	kg	(Calculated)
Hard coal	Portugal [Hard coal (resource)]	Mass	7,13E-05	kg	(Estimated)
Hard coal	South Africa [Hard coal (resource)]	Mass	4,78E-02	kg	(Measured)
	Spain [Hard coal (resource)]	Mass	9,46E-03	-	(Calculated)
	United Kingdom [Hard coal (resource)]	Mass	1,32E-03	-	(Calculated)
	USA [Hard coal (resource)]	Mass	2,84E-02	•	(Calculated)
	Venezuela [Hard coal (resource)]	Mass	5,33E-03	•	(Measured)
	r (barytes) [Non renewable resources]	Mass	2,70E-03	-	(Literature)
• •	Non renewable resources]	Mass	3,55E+00	kġ	(Literature)

Flow lawsta	Our and the	A	11	Oninin of data
Flow - Inputs Infrastructure telecommunication [Flows] Not followed to	Quantity Number of	Amount	Unit	Origin of data
the cradle	pieces	1,07E-01	pcs.	Estimated
Iron [Non renewable elements]	Mass	6,24E-01	•	(Literature)
Iron ore (65%) [Non renewable resources]	Mass	1,20E-04	0	(Estimated)
Iron ore [Non renewable resources]	Mass	1,48E-01	kg	(Calculated)
Kaolin ore [Non renewable resources]	Mass	2,23E-03	•	Measured
Kaolinite (24% in ore as mined) [Non renewable		,	0	
resources]	Mass	6,21E-01	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable				
resources]	Mass	1,07E-02	•	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	9,54E-03	•	Calculated
Lead [Non renewable elements]	Mass	5,87E-02	•	(No statement)
Lead ore [Non renewable resources]	Mass	1,79E-04	•	Estimated
Lignite [Lignite (resource)]	Mass	2,77E+00	•	(Literature)
Lignite Australia [Lignite (resource)]	Mass	3,74E-05	•	Literature
Lignite Australia [Lignite (resource)]	Mass	3,71E-04	•	
Lignite Austria [Lignite (resource)]	Mass	4,90E-07	•	(Estimated)
Lignite France [Lignite (resource)]	Mass	5,86E-07	•	Calculated Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass Mass	4,30E-05 5,32E-03	kg ka	
Lignite Germany (Rheinisch) [Lignite (resource)] Lignite Germany [Lignite (resource)]	Mass	2,05E-01		(Calculated) (Literature)
Lignite Greece [Lignite (resource)]	Mass	2,05E-01 8,96E-02	kg kg	Literature
Lignite Spain [Lignite (resource)]	Mass	1,80E-02	•	(Literature)
Lignite USA [Lignite (resource)]	Mass	5,30E-05	•	Literature
Limestone (calcium carbonate) [Non renewable	111222	5,30E-05	ĸġ	Literature
resources]	Mass	1,09E+00	kg	(Literature)
Magnesit (Magnesium carbonate) [Non renewable		,	5	(
resources]	Mass	7,95E-03	kg	(No statement)
Magnesium [Non renewable elements]	Mass	3,53E-07	kg	(No statement)
Manganese [Non renewable elements]	Mass	4,00E-04	kg	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	7,75E-04	•	Calculated
Molybdenite (Mo 0,24%) [Non renewable resources]	Mass	2,39E-05	•	Estimated
Molybdenum [Non renewable elements]	Mass	4,66E-04	•	(No statement)
Natural Aggregate [Non renewable resources]	Mass	1,41E+01	kg	Calculated
Natural gas [Natural gas (resource)]	Mass	1,91E+00	-	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	6,18E-03	•	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	3,57E-04	•	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	2,50E-07	-	Literature
Natural gas Australia [Natural gas (resource)]	Mass	1,17E-04	•	(Estimated)
Natural gas Brazil [Natural gas (resource)]	Mass	4,15E-05	•	(Estimated)
Natural gas Brunei [Natural gas (resource)]	Mass	4,32E-06	•	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	7,45E-05	-	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	1,10E-04 1,26E-03	•	(Literature)
Natural gas China [Natural gas (resource)]	Mass Mass	7,40E-03	0	(Calculated)
Natural gas CIS [Natural gas (resource)] Natural gas Colombia [Natural gas (resource)]	Mass	6,38E-08	0	(Literature) (Literature)
Natural gas Denmark [Natural gas (resource)]	Mass	1,97E-03	-	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	1,57E-04	•	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	1,82E-04	•	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	5,65E-06	-	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	3,93E-02	-	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	2,12E-05	-	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	4,83E-04	-	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	3,03E-03	•	(Literature)
J		,	0	· · · · /

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Natural gas Japan [Natural gas (resource)]	Mass	1,23E-06		Estimated
Natural gas Kuwait [Natural gas (resource)]	Mass	1,58E-04	0	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	2,70E-03	•	(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	6,11E-06	•	Estimated
Natural gas Mexico [Natural gas (resource)]	Mass	1,71E-05	•	(Literature)
Natural gas Netherlands [Natural gas (resource)]	Mass	1,31E-01	kg	(Literature)
Natural gas New Zealand [Natural gas (resource)]	Mass	2,25E-07	0	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	8,81E-04	•	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	4,72E-02	0	(Literature)
Natural gas Oman [Natural gas (resource)]	Mass	4,37E-05	•	(Estimated)
Natural gas Qatar [Natural gas (resource)]	Mass	1,47E-06	•	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	1,07E-03	•	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	5,40E-05	•	(Estimated)
Natural gas Tunisia [Natural gas (resource)]	Mass	5,48E-06	•	(Literature)
Natural gas United Arab Emirates [Natural gas		-,		()
(resource)]	Mass	4,98E-06	kg	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	2,50E-03	kg	(Calculated)
Natural gas USA [Natural gas (resource)]	Mass	1,44E-04	kg	(Estimated)
Natural gas Venezuela [Natural gas (resource)]	Mass	5,03E-04	kg	(Literature)
Nickel [Non renewable elements]	Mass	8,88E-03	kg	(No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	7,27E-03	-	Measured
Nitrogen [Renewable resources]	Mass	5,15E-07	kg	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime	3,56E-01	-	· ,
Occupation, construction site [Hemerobie ecoinvent]	Areatime	2,44E-03	•	(No statement)
Occupation, dump site [Hemerobie ecoinvent]	Areatime	2,15E-02	m2*yr	(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime	3,95E-03	m2*yr	(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent] Occupation, forest, intensive, normal [Hemerobie	Areatime	7,66E+00	m2*yr	(No statement)
ecoinvent]	Areatime	-		(No statement)
Occupation, industrial area [Hemerobie ecoinvent] Occupation, industrial area, benthos [Hemerobie	Areatime			(No statement)
ecoinvent] Occupation, industrial area, built up [Hemerobie	Areatime	3,15E-05	m2*yr	(No statement)
ecoinvent]	Areatime	6,38E-03	m2*yr	(No statement)
Occupation, industrial area, vegetation [Hemerobie ecoinvent]	Areatime	4 25E-03	m2*vr	(No statement)
Occupation, mineral extraction site [Hemerobie			-	
ecoinvent] Occupation, permanent crop, fruit, intensive [Hemerobie	Areatime	1,61E-02	m2*yr	(No statement)
ecoinvent]	Areatime	7,15E-02	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie ecoinvent]	Areatime	8 71F-04	m2*vr	(No statement)
Occupation, traffic area, rail embankment [Hemerobie				· · · · ·
ecoinvent] Occupation, traffic area, rail network [Hemerobie	Areatime	2,03E-03	m2*yr	(No statement)
ecoinvent]	Areatime	2,24E-03	m2*yr	(No statement)
Occupation, traffic area, road embankment [Hemerobie ecoinvent]	Areatime	1.90E-01	m2*vr	(No statement)
Occupation, traffic area, road network [Hemerobie			-	
ecoinvent] Occupation, urban, discontinuously built [Hemerobie	Areatime	1,25E-01	m2^yr	(No statement)
ecoinvent]	Areatime	1,08E-03	m2*yr	(No statement)
Occupation, water bodies, artificial [Hemerobie ecoinvent]	Areatime	1,15E-01	m2*yr	(No statement)
Occupation, water courses, artificial [Hemerobie			-	
ecoinvent]	Areatime	1,06E-02	m2*yr	(No statement)

Flow lowette	0	A	11	Oninin of data
Flow - Inputs	Quantity Mass	Amount	Unit	Origin of data
Olivine [Non renewable resources]	Mass	1,50E-07	•	(No statement)
Palladium [Non renewable elements]	Mass	4,01E-08 -1,59E-02	•	(No statement)
Peat [Renewable resources] Phosphorus [Non renewable elements]	Mass	3,96E-02		(No statement) (No statement)
Phosphorus minerals [Non renewable resources]	Mass	2,08E-07	kg ka	Literature
Pit gas [Natural gas (resource)]	Mass	2,08E-07 2,44E-02	•	(Literature)
Platinum [Non renewable elements]	Mass	2,44E-02 1,34E-09		(No statement)
Potassium chloride [Non renewable resources]	Mass	7,32E-09	kg kg	Calculated
Precious metal ore (R.O.M) [Non renewable resources]	Mass	1,67E-01	kg	Calculated
Primary energy from hydro power (BUWAL) [Renewable	Energy	1,07 -01	ĸġ	Calculated
energy resources]	ren.	-1,85E-04	MJ	Literature
Primary energy from hydro power [Renewable energy	Energy	,		
resources]	ren.	1,19E+01	MJ	(Literature)
Primary energy from solar energy [Renewable energy	Energy			
resources]	ren.	4,50E-02	MJ	Literature
Primary energy from wind power [Renewable energy	Energy		N / I	Coloulated
resources]	ren.	1,79E+00		Calculated
Process and cooling water [Operating materials]	Mass	2,93E-09	kg	Literature
Process water [Operating materials] Quartz sand (silica sand; silicon dioxide) [Non renewable	Mass	1,83E+01	kg	(Measured)
resources]	Mass	4,63E-03	kg	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	1,78E-05	0	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	1,33E-05	kg	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	7,71E-05	•	Literature
Refractory [Minerals]	Mass	1,45E-12	0	Measured
Renewable fuels [Renewable energy resources]	Mass	1,07E-06	•	Calculated
Rhenium [Non renewable elements]	Mass	3,38E-10	0	(No statement)
Rhodium [Non renewable elements]	Mass	1,11E-09	kg	No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	2,47E-09	kg	(No statement)
sand [Non renewable resources]	Mass	2,60E-06	kg	(No statement)
Silver [Non renewable elements]	Mass	1,20E-08	kg	(No statement)
Slate [Non renewable resources]	Mass	1,20E-06	kg	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	2,67E-01	kg	(Literature)
Sodium sulphate [Non renewable resources]	Mass	8,66E-04	•	Literature
Soil [Non renewable resources]	Mass	6,01E-03	kg	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass	9,48E-03	kg	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	1,48E-15	kg	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	5,47E-08	kg	(Literature)
Sulphur [Non renewable elements]	Mass	-9,53E-06	kg	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	4,90E-03	kg	(No statement)
Talc [Non renewable resources]	Mass	-2,15E-02	•	Calculated
Tin [Non renewable elements]	Mass	6,53E-06	•	(No statement)
Tin ore [Non renewable resources]	Mass	7,23E-04	•	Estimated
Titanium dioxide [Non renewable resources]	Mass	4,77E-03	0	(No statement)
Titanium ore [Non renewable resources]	Mass	2,29E-06	0	(No statement)
Transformation, from arable [Hemerobie ecoinvent]	Area	1,03E-05	sqm	(No statement)
Transformation, from arable, non-irrigated [Hemerobie	Aree			(No statement)
ecoinvent] Transformation, from arable, non-irrigated, fallow	Area	6,54E-01	sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,38E-06	sam	(No statement)
Transformation, from dump site, inert material landfill		.,002.00	~	
[Hemerobie ecoinvent]	Area	5,71E-05	sqm	(No statement)
Transformation, from dump site, residual material landfill			-	,
[Hemerobie ecoinvent]	Area	4,10E-05		(No statement)
Transformation, from dump site, sanitary landfill	Area	7,34E-05	sqm	(No statement)

Flow - Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, from dump site, slag compartment				
[Hemerobie ecoinvent]	Area	2,70E-06	sam	(No statement)
Transformation, from forest [Hemerobie ecoinvent]	Area	1,29E-02	•	(No statement)
Transformation, from forest, extensive [Hemerobie	Alea	1,292-02	Sqm	(NO Statement)
ecoinvent]	Area	8,76E-02	sam	(No statement)
Transformation, from industrial area [Hemerobie		-,	- 1	(
ecoinvent]	Area	2,64E-05	sqm	(No statement)
Transformation, from industrial area, benthos [Hemerobie				
ecoinvent]	Area	4,39E-08	sqm	(No statement)
Transformation, from industrial area, built up [Hemerobie		= . =		
ecoinvent]	Area	1,44E-07	sqm	(No statement)
Transformation, from industrial area, vegetation	Aree		oam	(No statement)
[Hemerobie ecoinvent] Transformation, from mineral extraction site [Hemerobie	Area	2,46E-07	sqm	(No statement)
ecoinvent]	Area	4,68E-04	sam	(No statement)
Transformation, from pasture and meadow [Hemerobie	Alea	4,002-04	Sqm	(NO Statement)
ecoinvent]	Area	3,36E-04	sam	(No statement)
Transformation, from pasture and meadow, intensive		-,	- 1	(
[Hemerobie ecoinvent]	Area	5,27E-04	sqm	(No statement)
Transformation, from sea and ocean [Hemerobie				
ecoinvent]	Area	3,96E-03	sqm	(No statement)
Transformation, from shrub land, sclerophyllous				
[Hemerobie ecoinvent]	Area	2,21E-04	•	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	7,48E-03	•	(No statement)
Transformation, to arable [Hemerobie ecoinvent]	Area	2,05E-04	sqm	(No statement)
Transformation, to arable, non-irrigated [Hemerobie	•			
ecoinvent]	Area	6,54E-01	sqm	(No statement)
Transformation, to arable, non-irrigated, fallow [Hemerobie ecoinvent]	Area	2,15E-06	aam	(No statement)
Transformation, to dump site [Hemerobie ecoinvent]	Area	1,41E-04	•	(No statement)
Transformation, to dump site, benthos [Hemerobie	Alea	1,410-04	sqm	(NO Statement)
ecoinvent]	Area	3,95E-03	sam	(No statement)
Transformation, to dump site, inert material landfill		0,002 00	• 4	(
[Hemerobie ecoinvent]	Area	5,71E-05	sqm	(No statement)
Transformation, to dump site, residual material landfill				· · · ·
[Hemerobie ecoinvent]	Area	4,10E-05	sqm	(No statement)
Transformation, to dump site, sanitary landfill [Hemerobie				
ecoinvent]	Area	7,34E-05	sqm	(No statement)
Transformation, to dump site, slag compartment	A			
[Hemerobie ecoinvent]	Area	2,70E-06		(No statement)
Transformation, to forest [Hemerobie ecoinvent]	Area	5,10E-04	sqm	(No statement)
Transformation, to forest, intensive [Hemerobie ecoinvent]	Area	5,12E-02	cam	(No statement)
Transformation, to forest, intensive, normal [Hemerobie	Alea	5,122-02	Sym	(NO Statement)
ecoinvent]	Area	3,41E-02	sam	(No statement)
Transformation, to heterogeneous, agricultural	,	0,112 02	oqm	(into oraconionic)
[Hemerobie ecoinvent]	Area	6,06E-04	sqm	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent]	Area	4,88E-04	•	(No statement)
Transformation, to industrial area, benthos [Hemerobie		,	- 1	(
ecoinvent]	Area	1,64E-06	sqm	(No statement)
Transformation, to industrial area, built up [Hemerobie				
ecoinvent]	Area	1,34E-04	sqm	(No statement)
Transformation, to industrial area, vegetation [Hemerobie	A			
ecoinvent] Transformation to minoral extraction site [Homorphic	Area	9,44E-05	sqm	(No statement)
Transformation, to mineral extraction site [Hemerobie	Aroo	1 645 00	cam	(No statement)
ecoinvent] Transformation, to pasture and meadow [Hemorobia	Area	1,64E-02 7,72E-06	•	(No statement) (No statement)
Transformation, to pasture and meadow [Hemerobie	Area	1,120-00	Sym	(INU STATETHETIL)

Flow - Inputs ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, to permanent crop, fruit, intensive				
[Hemerobie ecoinvent]	Area	1,18E-03	sqm	(No statement)
Transformation, to sea and ocean [Hemerobie ecoinvent]	Area	4,39E-08	sqm	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie			-	
ecoinvent]	Area	1,74E-04	sqm	(No statement)
Transformation, to traffic area, rail embankment [Hemerobie ecoinvent]	Area	4,72E-06	sam	(No statement)
Transformation, to traffic area, rail network [Hemerobie	/ lica	4,722 00	oqm	(No statement)
ecoinvent]	Area	5,19E-06	sqm	(No statement)
Transformation, to traffic area, road embankment				
[Hemerobie ecoinvent]	Area	1,22E-03	sqm	(No statement)
Transformation, to traffic area, road network [Hemerobie ecoinvent]	Area	6,13E-04	sam	(No statement)
Transformation, to unknown [Hemerobie ecoinvent]	Area	2,78E-05	•	(No statement)
Transformation, to urban, discontinuously built	/ lica	2,702 00	oqm	(No statement)
[Hemerobie ecoinvent]	Area	2,16E-05	sqm	(No statement)
Transformation, to water bodies, artificial [Hemerobie				
ecoinvent]	Area	1,88E-03	sqm	(No statement)
Transformation, to water courses, artificial [Hemerobie ecoinvent]	Area	1,19E-04	cam	(No statement)
Ulexite [Non renewable resources]	Mass	8,52E-07	•	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-1,09E-08	•	Literature
Uranium free ore [Uranium (resource)]	Mass	6,67E-17	•	Literature
Uranium natural [Uranium (resource)]	Mass	1,62E-04	•	(Literature)
Waste (solid) [Waste for disposal]	Mass	0,00E+00	kg	(No statement)
Waste for recovery (unspecified) [Waste for recovery]	Mass	1,02E-01	kg	(No statement)
Water (feed water) [Water]	Mass	4,65E-03	kg	(Literature)
Water (ground water) [Water]	Mass	8,18E+01	kġ	(Estimated)
Water (lake water) [Water]	Mass	5,01E-01	kg	(No statement)
Water (river water) [Water]	Mass	6,93E+01	kg	(No statement)
Water (sea water) [Water]	Mass	1,28E+01	kg	(Literature)
Water (surface water) [Water]	Mass	6,52E+01	kg	(Calculated)
Water [Water]	Mass	6,53E+02	kg	(Measured)
Water for industrial use [Operating materials]	Mass	1,97E+00	-	(Calculated)
Water, salt, sole [in water]	Volume	7,83E-03		(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	7,77E+01 4,79E-07		(No statement)
Vermiculite [Non renewable resources] Volume occupied, final repository for low-active	Mass	4,792-07	ĸġ	(No statement)
radioactive waste [Hemerobie ecoinvent]	Volume	2,98E-07	m3	(No statement)
Volume occupied, final repository for radioactive waste		,		(,
[Hemerobie ecoinvent]	Volume	7,44E-08	m3	(No statement)
	Cubic			
Volume occupied, reservoir [Hemerobie ecoinvent]	meter years	1,06E-01	m32	(No statement)
Volume occupied, inderground deposit [Hemerobie	years	1,002-01	mba	(NO Statement)
ecoinvent]	Volume	7,72E-07	m3	(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	-1,25E-02	kg	Literature
Wood [Renewable energy resources]	Mass	2,46E-03	kg	(Estimated)
Wood, hard, standing [biotic]	Volume	7,44E-03	m3	(No statement)
Wood, soft, standing [biotic]	Volume	8,45E-04	m3	(No statement)
Zinc - copper ore (4.07%-2.59%) [Non renewable	Ma		L.c.	
resources] Zinc - lead - copper ore (12%-3%-2%) [Non renewable	Mass	1,25E-01	кд	(Estimated)
resources]	Mass	9,31E-02	ka	Calculated
Zinc - lead ore (4.21%-4.96%) [Non renewable	Mass	1,48E-10	•	Estimated
		,	3	

Appendix 2.5	
LCI Data - Web based newspaper with print-out, European scenario	

Flow - Inputs resources]	Quantity	Amount	Unit	Origin of data
Zinc [Non renewable elements]	Mass	1,73E-03	kg	(No statement)
Zinc ore (sulphide) [Non renewable resources]	Mass	1,02E-11	kg	Calculated
	Madd	1,022 11	Ng	Calculated
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water]	Mass	2,65E-09	kg	(No statement)
Acenaphthene [Hydrocarbons to sea water]	Mass	1,29E-09	kg	(No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	1,66E-10	kg	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	8,05E-11	kg	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	1,91E-11	kġ	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	7,26E-06	kg	(Literature)
Acetic acid [Group NMVOC to air]	Mass	3,55E-05	kg	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	5,25E-07	kġ	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air]	Mass	5,95E-06	kġ	(Literature)
Acid (calculated as H+) [Inorganic emissions to fresh		,	0	(, ,
water]	Mass	5,70E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	5,60E-08	kg	(No statement)
Acrolein [Group NMVOC to air]	Mass	1,05E-08	kg	(No statement)
Acrylonitrile [Hydrocarbons to fresh water]	Mass	1,04E-05	kg	(Calculated)
Adsorbable organic halogen compounds (AOX)				
[Analytical measures to fresh water]	Mass	4,21E-04	kg	(Measured)
Adsorbable organic halogen compounds (AOX)				
[Analytical measures to sea water]	Mass	7,61E-08	•	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	3,11E-06	•	(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	4,16E-01	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	1,98E-07	kg	(Literature)
Alkane (unspecified) [Group NMVOC to air]	Mass	2,41E-04	•	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	5,54E-05	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	2,69E-05	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	1,88E-04	•	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	5,12E-06	•	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	2,48E-06		(No statement)
Aluminum [Fresh water]	Mass	4,01E-02	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	1,62E-06	•	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	1,08E-04	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	2,96E-04	kg	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	4,32E-05	-	(No statement)
Aluminum [Particles to air]	Mass	5,85E-04	•	(No statement)
Aluminum scrap [Waste for recovery]	Mass	1,12E-06	kg	Measured
Americium (Am241) [Radioactive emissions to fresh	A			
water]	Activity	1,99E-02	•	Calculated
Ammonia [Inorganic emissions to air]	Mass	3,22E-03	•	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	4,49E-06	•	(Measured)
Ammonium / ammonia [Fresh water]	Mass	5,99E-04	kg	(No statement)
Ammonium / ammonia [Inorganic emissions to fresh	Mass	1,95E-03	ka	(Mossured)
water]		1,90E-05	•	(Measured) (No statement)
Ammonium / ammonia [Inorganic emissions to sea water]			•	· ,
Ammonium [Inorganic emissions to air]	Mass	2,59E-06	•	Measured
Ammonium carbonate [high population density]	Mass	4,78E-09	•	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	3,22E-10	•	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	2,25E-04	•	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity	1,41E-04	•	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	6,89E-02	•	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	5,83E-06	РЧ	(No statement)

	• • • •	•		.
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	5,84E-02	•	(Literature)
Antimony [Fresh water]	Mass	1,41E-04	-	(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	1,86E-12	•	(No statement)
Antimony [Heavy metals to air]	Mass	1,04E-06	kg	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	7,63E-05	kg	(No statement)
Argon (Ar41) [Radioactive emissions to air]	Activity	9,49E+01	Bq	(Literature)
Aromatic hydrocarbons (unspecified) [Group NMVOC to air]	Mass	1,43E-05	ka	(Literature)
Aromatic hydrocarbons (unspecified) [Hydrocarbons to	101833	1,432-03	ĸġ	(Literature)
fresh water]	Mass	2,24E-04	ka	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to		, -	5	
sea water]	Mass	1,14E-04	kg	(No statement)
Arsenic [Fresh water]	Mass	4,82E-06	kg	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	3,10E-10	kg	(No statement)
Arsenic [Heavy metals to air]	Mass	4,59E-06	kg	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	3,71E-05	kg	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	3,48E-07	kg	Measured
Arsenic [Heavy metals to sea water]	Mass	1,73E-07	kg	(No statement)
Arsenic trioxide [Heavy metals to air]	Mass	6,97E-12	kg	Measured
Ash [Stockpile goods]	Mass	4,91E-06	kg	Calculated
Atrazine [Pesticides to agricultural soil]	Mass	5,53E-11	kg	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	3,79E-04	Bq	(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	9,87E-04	Bq	(No statement)
Barium [Fresh water]	Mass	3,40E-04	kg	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	6,08E-09	kg	(No statement)
Barium [Inorganic emissions to air]	Mass	7,08E-06	kg	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	3,77E-04	kg	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	1,48E-04	kg	(No statement)
Barium [Inorganic emissions to sea water]	Mass	1,81E-04	kg	(No statement)
Barytes [ocean]	Mass	2,46E-03	kg	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	8,08E-10	kg	(Literature)
Bentazone [Pesticides to agricultural soil]	Mass	2,85E-08	•	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	4,74E-09	-	(No statement)
Benzene [Group NMVOC to air]	Mass	6,72E-04	kg	(Literature)
Benzene [Hydrocarbons to fresh water]	Mass	3,98E-05	0	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	1,71E-05	kg	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	3,90E-07	kg	(Literature)
Beryllium [Fresh water]	Mass	2,53E-06	•	(No statement)
Beryllium [Inorganic emissions to air]	Mass	4,70E-08	-	(Literature)
Beryllium [Inorganic emissions to fresh water]	Mass	1,30E-08	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to			1	
fresh water] Biological average demand (BOD) [Applytical mappures to	Mass	1,34E-01	kg	(Measured)
Biological oxygen demand (BOD) [Analytical measures to sea water]	Mass	2,25E-02	ka	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh	111855	2,232-02	ĸġ	(NO Statement)
water]	Mass	2,79E-02	ka	(No statement)
Blast furnace slag [Waste for recovery]	Mass	8,09E-09	•	Calculated
Boiler ash (unspecified) [Waste for recovery]	Mass	-4,20E-05	•	Calculated
Boron [Fresh water]	Mass	1,90E-04	•	(No statement)
Boron [Inorganic emissions to air]	Mass	7,10E-05	•	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	2,09E-05	•	(Literature)
Boron [Inorganic emissions to sea water]	Mass	1,69E-06	•	(No statement)
Boron compounds (unspecified) [Inorganic emissions to		,	5	,
air]	Mass	9,49E-05	kg	(Calculated)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Bromate [Inorganic emissions to fresh water]	Mass	2,02E-05	kg	(No statement)
Bromine [Fresh water]	Mass	2,02E-05 5,54E-05	kg	(No statement)
Bromine [Inorganic emissions to air]	Mass	0,54E-05 1,67E-05	•	(Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	5,59E-04	kg	(No statement)
Bromine [Inorganic emissions to sea water]	Mass	1,45E-04	kg	(No statement)
Butadiene [Group NMVOC to air]	Mass	2,08E-12	•	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	1,98E-06	•	(Calculated)
Butane [Group NMVOC to air]	Mass	6,48E-04	kg	(Literature)
Butene [Group NMVOC to air]	Mass	1,34E-05	•	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	2,13E-08	•	(No statement)
Cadmium [Fresh water]	Mass	6,31E-06	•	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	3,55E-08	-	(No statement)
Cadmium [Heavy metals to air]	Mass	1,49E-06	•	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	6,44E-05	kg	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	1,72E-07	kg	Measured
Cadmium [Heavy metals to sea water]	Mass	6,81E-08	kg	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	4,21E-07	-	(Literature)
Calcium [Fresh water]	Mass	1,11E-01	kg	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	1,70E-02	•	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	7,03E-03	kg	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	1,13E-07	kg	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	2,97E+02	-	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	1,03E+00	Bq	(Estimated)
Carbon (unspecified) [Organic emissions to agricultural	/ totivity	1,002100	БЧ	(Estimated)
soil]	Mass	1,61E-04	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial		·	U	· · · ·
soil]	Mass	8,89E-04	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	6,16E+00	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	4,21E+01	kg	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	6,22E-05	kg	(No statement)
Carbon monoxide (biotic) [Air]	Mass	2,90E-03	kg	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	1,33E-01	kg	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated			1	(N = = + = + = = = = +)
organic emissions to air]	Mass	1,98E-08	•	(No statement)
Carbonate [Inorganic emissions to fresh water]	Mass	2,28E-05	-	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	-	•	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	3,95E-04		(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	1,20E-04	•	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	5,55E-03	•	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	1,38E+00	•	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	7,00E-05	•	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	1,24E-02	•	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	9,55E+00	•	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	4,77E+01	•	(No statement)
Cesium [Heavy metals to fresh water]	Mass	4,27E-07	•	(No statement)
Cesium [Heavy metals to sea water] CH: disposal, plastic, consumer electronics, 15.3% water,	Mass	2,07E-07	ку	(No statement)
to municipal incineration [municipal incineration]	Mass	4,71E-04	ka	(Calculated)
Chemical oxygen demand (COD) [Analytical measures to	Made	1,712 01	Ng	(Calculatou)
fresh water]	Mass	2,16E-01	kg	(Literature)
Chemical oxygen demand (COD) [Analytical measures to			•	. /
sea water]	Mass	2,27E-02	kg	Estimated
Chemical oxygen demand, CSB (Ecoinvent) [Fresh	Mass		l.e.	
water]	Mass	1,12E-01	kg	(No statement)

		_		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Chlorate [Inorganic emissions to fresh water]	Mass	2,25E-04	0	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	7,44E-06	•	(Measured)
Chloride [Fresh water]	Mass	6,50E-03	kg	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	3,70E-01	kg	(Literature)
Chloride [Inorganic emissions to sea water]	Mass	1,04E-01	kg	(No statement)
Chlorinated hydrocarbons (unspecified) [Halogenated	Mass	8,30E-08	kg	(Estimated)
organic emissions to fresh water] Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	8,30E-08 1,82E-05		(Estimated) (Literature)
Chlorine (Inorganic emissions to agricultural soil]	Mass	8,71E-08	kg kg	(No statement)
Chlorine [Inorganic emissions to agricultural soli]	Mass	2,16E-05	•	(No statement) (Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	2,10E-03 1,96E-02	•	(No statement)
Chloromethane (methyl chloride) [Halogenated organic	111233	1,302-02	ĸġ	(NO Statement)
emissions to air]	Mass	3,69E-09	kg	Estimated
Chloromethane (methyl chloride) [Halogenated organic				
emissions to fresh water]	Mass	3,19E-07	kg	(Literature)
Chlorothalonil [Pesticides to agricultural soil] Chlorous dissolvent [Halogenated organic emissions to	Mass	1,03E-04	kg	(No statement)
fresh water]	Mass	8,97E-08	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to				
sea water]	Mass	1,16E-14	•	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	5,89E-06	•	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water] Chromium (unspecified) [Heavy metals to agricultural	Activity	9,55E-02	Bq	(No statement)
soil]	Mass	8,62E-07	kg	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	9,18E-06	kg	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	1,24E-07	kg	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	2,70E-06	kg	(No statement)
Chromium +III [Heavy metals to fresh water]	Mass	2,99E-08	kg	(Literature)
Chromium +VI [Fresh water]	Mass	8,21E-05	kg	(No statement)
Chromium +VI [Heavy metals to air]	Mass	1,73E-07	kg	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	3,88E-05	kg	(No statement)
Chromium +VI [Heavy metals to industrial soil]	Mass	3,31E-06	kg	(No statement)
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity	2,22E-03	Bq	(No statement)
Cobalt (Co58) [Radioactive emissions to air]	Activity	3,70E-04	Bq	(Literature)
Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	6,31E-01	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to air]	Activity	4,16E-03	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to fresh water]	Activity	4,84E+00	Bq	(Literature)
Cobalt [Fresh water]	Mass	3,41E-05	kg	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	1,01E-09	kg	(No statement)
Cobalt [Heavy metals to air]	Mass	1,47E-06	kg	(Literature)
Cobalt [Heavy metals to fresh water]	Mass	2,90E-07	kg	(No statement)
Cobalt [Heavy metals to sea water]	Mass	1,44E-09	kg	(No statement)
Cooling water [Waste for recovery]	Mass	3,39E+01	kg	(Measured)
Copper [Fresh water]	Mass	6,25E-04	kg	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	2,57E-06	kg	(No statement)
Copper [Heavy metals to air]	Mass	1,77E-05	kg	(Literature)
Copper [Heavy metals to fresh water]	Mass	1,40E-04	kg	(Literature)
Copper [Heavy metals to industrial soil]	Mass	4,93E-06	kg	Measured
Copper [Heavy metals to sea water]	Mass	2,17E-07	kg	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	7,03E-06	kg	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh	M.		1.	
water] Curium (Cm alpha) [Padioactive emissions to fresh	Mass	1,69E-05	кд	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh water]	Activity	2,63E-02	Ba	Calculated
	Activity	2,000-02	54	Jaioulatou

Flow Outputs	0	A	11	Oninin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Cyanide (unspecified) [Inorganic emissions to air]	Mass	-1,33E-06	0	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	3,16E-05	•	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	7,33E-07	•	(No statement)
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	3,73E-08	•	(No statement)
Cypermethrin [Pesticides to agricultural soil]	Mass	5,45E-09	•	(No statement)
Detergent (unspecified) [Other emissions to fresh water]	Mass	1,61E-10	kg	(Literature)
Dichloroethane (ethylene dichloride) [Halogenated organic emissions to air]	Mass	-2,52E-06	ka	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated	111222	-2,322-00	ĸġ	(NO Statement)
organic emissions to fresh water]	Mass	-6,36E-06	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated		-,	5	(
organic emissions to air]	Mass	5,79E-06	kg	Calculated
Dichloromethane (methylene chloride) [Halogenated				
organic emissions to fresh water]	Mass	7,50E-06	kg	(No statement)
Dichloropropane [Halogenated organic emissions to fresh				
water]	Mass	0,00E+00	kg	Estimated
Dichromate [river]	Mass	8,77E-08	kg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC	Maaa		l a	Maggurad
to air] Different pollutents [Other emissions to earieultural eail]	Mass	6,49E-11	kg	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	1,87E-05	•	(No statement)
Different pollutants [Other emissions to industrial soil]	Mass	2,19E-03	•	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	2,79E-05	0	(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	9,61E-02	•	(No statement)
Dust (> PM10) [Particles to air]	Mass	2,76E-02	•	(No statement)
Dust (PM2,5 - PM10) [Particles to air]	Mass	1,28E-02	•	(No statement)
Dust (PM2.5) [Particles to air]	Mass	1,96E-02	•	(No statement)
Dust (unspecified) [Particles to air]	Mass	2,85E-03	•	(Literature)
Ethane [Group NMVOC to air]	Mass	7,59E-04	•	(Literature)
Ethanol [Group NMVOC to air]	Mass	9,45E-06	•	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	2,19E-04	•	(Literature)
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	1,48E-06	0	(No statement)
Ethine (acetylene) [Group NMVOC to air]	Mass	3,15E-05	•	(No statement)
Ethyl benzene [Group NMVOC to air]	Mass	2,78E-05	•	(Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	1,05E-05	0	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	4,97E-06	-	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	1,28E-07	•	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	8,51E-08	•	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	-1,53E-06	•	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	-3,70E-06	-	(No statement)
Exhaust [Other emissions to air]	Mass	1,07E+01	kg	(Calculated)
Fatty acids (calculated as total carbon) [Hydrocarbons to	Maaa	1 575 02	ka	(No statement)
fresh water] Fatty acids (calculated as total carbon) [Hydrocarbons to	Mass	1,57E-03	ку	(No statement)
sea water]	Mass	1,17E-03	ka	(No statement)
Fenpicionil [Pesticides to agricultural soil]	Mass	4,05E-06	•	(No statement)
Filter dust (heavy fuel oil power plant) [Waste for	Mass	4,002 00	Ng	
recovery]	Mass	2,67E-08	ka	Calculated
Fluoride (unspecified) [Inorganic emissions to air]	Mass	4,44E-07	•	(Literature)
Fluoride [Fresh water]	Mass	1,63E-04	•	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	1,77E-04	•	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	1,71E-05	•	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	2,73E-05	•	(No statement)
Fluorides [Inorganic emissions to air]	Mass	3,49E-10	•	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	2,31E-06	•	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	2,51E 00	-	(Measured)
		2,022 00		

Flow Outputs	O	A	11	Oninin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data Calculated
Fly ash (unspecified) [Waste for recovery] Formaldehyde (methanal) [Group NMVOC to air]	Mass Mass	-2,14E-04 3,64E-05	-	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	-6,25E-06	•	Literature
Glutaraldehyde [Hydrocarbons to sea water]	Mass	3,04E-07	0	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	3,04E-07 4,42E-07	•	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	1,36E-07	-	(No statement)
Graphites [Particles to air]	Mass	0,00E+00	kg	Estimated
Gypsum (FDI) [Waste for recovery]	Mass	9,11E-04	•	(Measured)
Gypsum [Waste for recovery]	Mass	6,55E-05	•	(Calculated)
Halogenated hydrocarbons (unspecified) [Halogenated	Mass	0,002 00	Ng	(Calculated)
organic emissions to air]	Mass	-1,25E-12	kg	Literature
Halon (1211) [Halogenated organic emissions to air]	Mass	7,03E-08	kg	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	3,63E-07	kg	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	4,19E-02	-	(Literature)
Heat from natural gas [Flows]	Energy	3,18E-11	мJ	(No statement)
Heat from oil [Flows]	Energy	2,86E-10		(No statement)
Heat from waste [Flows]	Energy	2,72E-10		(No statement)
Heavy metals to water (unspecified) [Heavy metals to				· · · · ·
fresh water]	Mass	1,21E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	3,74E-05	kg	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	1,34E-04	kg	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated			1	
organic emissions to air]	Mass	6,10E-09	kg	(No statement)
Hexaflourosilicates [Air]	Mass	2,54E-07	•	(No statement)
Hexaflourosilicates [Sweet-]	Mass	4,57E-07	•	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	3,09E-04	0	(Literature)
Highly radioactive waste [Radioactive waste]	Mass	5,71E-06	kg	(Calculated)
Highly-active fission product solution [Radioactive waste]	Mass	4,24E-08	kg	(Estimated)
Housing (E-Paper) [Flows] Hydrocarbons (unspecified) [Hydrocarbons to fresh	Mass	2,76E-03	кд	Calculated
water]	Mass	1,27E-05	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	4,68E-05	kg	(No statement)
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	2,96E-05	•	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic	made	2,002 00	Ng	
emissions to air]	Mass	1,80E-07	kg	(No statement)
Hydrocarbons, halogenated [Halogenated organic			-	
emissions to air]	Mass	5,30E-08	kg	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	1,55E+03	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	4,03E+04	•	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	9,90E+04	Bq	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	3,31E-03	kg	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	5,79E-10	kg	Measured
Hydrogen chloride [Inorganic emissions to air]	Mass	1,28E-03	•	(Literature)
Hydrogen chloride [Inorganic emissions to fresh water]	Mass	1,28E-12	kg	Estimated
Hydrogen cyanide (prussic acid) [Inorganic emissions to			1	
air] Hydrogen fluoride (hydrofluoric acid) [Inorganic	Mass	3,89E-08	кg	(Calculated)
emissions to fresh water]	Mass	1,87E-09	ka	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	2,23E-04	•	(Literature)
Hydrogen peroxide [Sweet-]	Mass	3,28E-05	•	(No statement)
Hydrogen sulphide [Fresh water]	Mass	2,72E-04	•	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	1,24E-04	•	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	1,71E-07	•	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	6,12E-06	•	Estimated
		_,. 00		

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Hypochlorite [Inorganic emissions to fresh water]	Mass	3,48E-06		(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	3,90E-06	kg	(No statement)
lliad Module (E-Paper) [Flows]	Mass	1,79E-08	•	(Literature)
Incineration good [Waste for disposal]	Mass	9,48E-05	kg	Literature
Industrial waste for municipal disposal [Consumer waste]	Mass	9,79E-03	•	(Literature)
inert chemical waste [Consumer waste]	Mass	1,94E-04	•	(Literature)
Inert gases [Radioactive emissions to air]	Activity	2,46E+06	•	(No statement)
Inorganic salts and acids (unspecified) [Inorganic	,	_,	- 1	(,
emissions to fresh water]	Mass	3,66E-05	kg	Literature
lodide [Fresh water]	Mass	1,46E-10	kg	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	4,30E-05	kg	(No statement)
lodide [Inorganic emissions to sea water]	Mass	2,07E-05	kg	(No statement)
lodine (I129) [Radioactive emissions to air]	Activity	2,99E-01	Bq	Calculated
lodine (I129) [Radioactive emissions to fresh water]	Activity	2,94E+00	Bq	(Estimated)
lodine (I131) [Radioactive emissions to air]	Activity	1,53E+01	Bq	(Literature)
lodine (I131) [Radioactive emissions to fresh water]	Activity	1,30E-02	Bq	(Literature)
lodine (I133) [Radioactive emissions to air]	Activity	4,54E-04	Bq	(No statement)
lodine (I133) [Radioactive emissions to fresh water]	Activity	6,19E-04	Bq	(No statement)
lodine [Inorganic emissions to air]	Mass	3,31E-06	kg	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	1,70E-04	Bq	(No statement)
Iron [Fresh water]	Mass	1,02E-02	kg	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	9,96E-06	kg	(No statement)
Iron [Heavy metals to air]	Mass	1,06E-04	kg	(Literature)
Iron [Heavy metals to fresh water]	Mass	5,26E-03	kg	(Literature)
Iron [Heavy metals to industrial soil]	Mass	8,56E-04	kg	(No statement)
Iron [Heavy metals to sea water]	Mass	1,11E-05	kg	(No statement)
Isocyanide acid [Air]	Mass	1,11E-06	kg	(No statement)
Jacket and body material [Radioactive waste]	Mass	5,98E-09	kg	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	7,61E+05	Bq	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	8,63E+00	Bq	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	2,68E+00	Bq	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	2,75E+00	Bq	(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	7,79E-01	Bq	(No statement)
Lanthanides [Heavy metals to air]	Mass	9,50E-10	kg	(Estimated)
Lanthanum (La140) [Radioactive emissions to fresh	•		_	
water]	Activity	1,05E-03	•	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	3,24E-05	•	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	1,68E+00	•	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	4,87E-01		(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	1,58E+00	•	(No statement)
Lead [Fresh water]	Mass	1,58E-04	0	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	3,32E-07	0	(No statement)
Lead [Heavy metals to air]	Mass	2,65E-05	-	(Literature)
Lead [Heavy metals to fresh water]	Mass	4,26E-04	•	(Literature)
Lead [Heavy metals to industrial soil]	Mass	2,32E-06	•	Measured
Lead [Heavy metals to sea water]	Mass	1,62E-06	0	(No statement)
Li-Ion Cell [Other parts]	Mass	3,22E-10	-	(Literature)
Linuron [Pesticides to agricultural soil]	Mass	4,33E-07	•	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	9,43E-07	•	(Estimated)
Liquid waste [Consumer waste]	Mass	7,34E+03	•	(Calculated)
Lithiumerz (R.O.M) [Non renewable resources]	Mass	5,34E-06	-	(Literature)
Magnesium [Fresh water]	Mass	1,79E-02	0	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	3,39E-03	кд	(Literature)

Elow Outpute	Quantity	Amount	Unit	Origin of data
Flow - Outputs Magnesium [Inorganic emissions to sea water]	Quantity Mass	Amount 1,14E-03	Unit	Origin of data (No statement)
Magnesium chloride [Inorganic emissions to sea water] Magnesium chloride [Inorganic emissions to fresh water]	Mass	5,10E-10	0	(No statement)
Magnesium chloride [morganic emissions to resh water] Mancozeb [Pesticides to agricultural soil]	Mass	1,34E-04	•	(No statement)
Manganese (Mn54) [Radioactive emissions to air]	Activity	3,02E-04	-	(No statement)
Manganese (Mn54) [Radioactive emissions to fresh	Activity	3,02E-00	БЧ	(NO Statement)
water]	Activity	7,09E-01	Bq	(Literature)
Manganese [Fresh water]	Mass	4,60E-03	kg.	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	5,74E-07	•	(No statement)
Manganese [Heavy metals to air]	Mass	9,34E-06	•	(Calculated)
Manganese [Heavy metals to fresh water]	Mass	1,74E-04	•	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	1,18E-05	kg	(No statement)
Manganese [Heavy metals to sea water]	Mass	9,15E-06	•	(No statement)
Medium and low radioactive liquid waste [Radioactive		·	0	· · · · ·
waste]	Mass	5,91E-08	kg	(Estimated)
Medium and low radioactive wastes [Radioactive waste]	Mass	6,79E-06	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	1,61E-10	kg	(Literature)
Mercury [Fresh water]	Mass	4,01E-07	kg	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	2,37E-08	kg	(No statement)
Mercury [Heavy metals to air]	Mass	1,40E-06	kg	(Literature)
Mercury [Heavy metals to fresh water]	Mass	1,49E-06	kg	(Measured)
Mercury [Heavy metals to industrial soil]	Mass	9,31E-09	kg	Measured
Mercury [Heavy metals to sea water]	Mass	4,74E-09	kg	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	1,16E-03	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh				
water]	Mass	1,17E-05	kg	(Calculated)
Metaldehyde [Organic emissions to agricultural soil]	Mass	4,72E-08	kg	(No statement)
Metals (unspecified) [Inorganic emissions to fresh water]	Mass	4,59E-16	-	Literature
Metals (unspecified) [Particles to air]	Mass	2,98E-08	•	(Literature)
Metals (unspecified) [Particles to fresh water]	Mass	9,86E-07	kg	(Literature)
Methacrylate [Group NMVOC to air]	Mass	5,10E-08	kg	Calculated
Methane (biotic) [Air]	Mass	5,10E-02	•	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	4,32E-02	kg	(Literature)
Methanol [Group NMVOC to air]	Mass	1,89E-05	kg	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	1,30E-05	kg	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	1,08E-06	-	(No statement)
Methanol [Organic intermediate products]	Mass	2,74E-10	•	Literature
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	1,40E-06	kg	Calculated
Methyl tert-butylether [Group NMVOC to air]	Mass	7,46E-08	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	1,21E-09	•	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	1,34E-06	0	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	3,13E-06	0	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	4,70E-06	kg	(No statement)
Mineral waste [Consumer waste]	Mass	2,46E-07	kg	(Estimated)
Molybdenum (Mo99) [Radioactive emissions to fresh	•	0 00 - 0 (_	
water]	Activity	3,62E-04	•	(No statement)
Molybdenum [Fresh water]	Mass	4,05E-06	•	(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	4,08E-10	•	(No statement)
Molybdenum [Heavy metals to air]	Mass	6,92E-07	•	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	8,11E-06	-	(Literature)
Molybdenum [Heavy metals to sea water]	Mass	4,24E-08	•	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	5,79E-05	•	(No statement)
Municipal waste [Consumer waste]	Mass	2,22E-04	•	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	8,35E-08	•	(No statement)
Neutral salts [Inorganic emissions to fresh water]	Mass	-3,52E-08	кд	Calculated

	Quantity	Amount	110:4	Origin of data
Flow - Outputs	Quantity Mass		Unit	Origin of data
Nickel [Fresh water]	Mass	1,87E-04 6,09E-07	-	(No statement) (No statement)
Nickel [Heavy metals to agricultural soil] Nickel [Heavy metals to air]	Mass	1,34E-04	-	(No statement) (Literature)
Nickel [Heavy metals to fresh water]	Mass	2,55E-05	•	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	2,55E-05 1,08E-06	•	(No statement)
Nickel [Heavy metals to sea water]	Mass	1,08E-00	•	(No statement)
	Activity	3,96E-03	-	· · · ·
Niobium (Nb95) [Radioactive emissions to air] Nitrate [Fresh water]	Mass	3,90E-03 4,71E-04	•	(No statement) (No statement)
	Mass	2,08E-08	•	· · · ·
Nitrate [Inorganic emissions to air] Nitrate [Inorganic emissions to fresh water]	Mass	2,08E-08 1,97E-02	•	(No statement) (Literature)
Nitrate [Inorganic emissions to sea water]	Mass	6,58E-05	•	(No statement)
Nitrite [Fresh water]	Mass	0,58E-05 3,25E-05	•	(No statement)
	Mass	4,08E-05	•	(No statement)
Nitrite [Inorganic emissions to fresh water] Nitrite [Inorganic emissions to sea water]	Mass	4,08E-05 6,45E-07	•	(No statement)
Nitrogen [Inorganic emissions to sea water]	Mass	1,14E-03	•	(No statement) (Literature)
Nitrogen [Inorganic emissions to resh water]	Mass	9,54E-07	•	(No statement)
Nitrogen organic bounded [Fresh water]	Mass	9,54E-07 9,79E-04	•	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh	111855	9,792-04	ĸġ	(NO Statement)
water]	Mass	5,86E-05	ka	Literature
Nitrogen organic bounded [Inorganic emissions to sea	Made	0,002 00	Ng	Entoraturo
water]	Mass	5,82E-05	kg	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	4,26E-01	kg	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	1,55E-03	kg	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	4,68E-02	kg	(Literature)
non used primary energy from water power [Other	Energy		Ū	, , , , , , , , , , , , , , , , , , ,
emissions to fresh water]	ren.	3,64E-01	MJ	(Calculated)
non used primary energy from wind power [Other	Energy			
emissions to air]	ren.	2,18E-02		(Measured)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	3,63E-02	•	(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	6,70E-03	•	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	4,43E-02	•	(No statement)
Oil (unspecified) [Organic emissions to industrial soil]	Mass	2,10E-04	kg	Measured
Orbencarb [Pesticides to agricultural soil]	Mass	2,54E-05	kg	(No statement)
Organic chlorine compounds (unspecified) [Organic emissions to fresh water]	Mass	1 61 5 10	ka	(Litoratura)
Organic chlorine compounds [Organic emissions to air	111855	1,61E-10	ĸġ	(Literature)
(group VOC)]	Mass	1,61E-10	ka	(Literature)
Organic compounds (dissolved) [Organic emissions to	Made	1,012 10	Ng	(Entertation)
fresh water]	Mass	4,14E-08	kg	Calculated
Organic compounds (unspecified) [Organic emissions to			-	
fresh water]	Mass	3,66E-15	•	Literature
Organic waste [Consumer waste]	Mass	1,11E-09	•	Literature
Overburden [Stockpile goods]	Mass	1,28E+00	•	(Literature)
Ozone [Inorganic emissions to air]	Mass	7,61E-05	kg	Literature
Pentachlorobenzene [Halogenated organic emissions to				
air] Bentachlaranhanal (DCD) (Helegenated argania	Mass	1,82E-09	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic emissions to air]	Mass	9,21E-08	ka	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	9,21E-08 8,22E-04	•	(No statement) (Literature)
	Number of	0,220-04	ĸġ	(Literature)
Personal computer [Flows]	pieces	3,21E-16	DCS.	(No statement)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	7,59E-06	•	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	4,03E-05	•	(Estimated)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	2,62E-05	•	(No statement)
Phosphate [Fresh water]	Mass	1,63E-03	•	(No statement)
		.,		

	•	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Phosphate [Inorganic emissions to fresh water]	Mass	6,70E-05	kg	(Measured)
Phosphate [Inorganic emissions to sea water]	Mass	2,66E-05	kg	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	2,67E-07	kg ka	(No statement)
Phosphorus [Inorganic emissions to air] Phosphorus [Inorganic emissions to fresh water]	Mass Mass	1,37E-05 3,83E-05	kg kg	(No statement) (No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	3,83E-05 1,48E-05	. 0	(No statement)
Phosphorus [Inorganic emissions to industrial soli] Phosphorus [Inorganic emissions to sea water]	Mass	1,48E-05 1,65E-06	kg kg	(No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	2,70E-09	kg	(No statement)
Plastic (unspecified) [Waste for recovery]	Mass	6,30E-05	kg	(Literature)
Platinum [Heavy metals to air]	Mass	4,69E-13	•	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	2,66E-04	•	(Estimated)
Plutonium (Pu alpha) [Radioactive emissions to fresh				、
water] Blutanium (Bu228) [Badiaastiva amiasiana ta air]	Activity	8,54E-02		(Estimated)
Plutonium (Pu238) [Radioactive emissions to air]	Activity Mass	3,49E-08 1,17E-08	Bq	(No statement) (Calculated)
Plutonium as residual product [Radioactive waste]	Activity		kg Ba	· ,
Polonium (Po210) [Radioactive emissions to air] Polonium (Po210) [Radioactive emissions to fresh water]	Activity	2,99E+00 4,87E-01	Bq Bg	(No statement) (No statement)
Polonium (Po210) [Radioactive emissions to resh water]	Activity	4,87E-01 2,41E+00	Bq Ba	· ,
Polychlorinated biphenyls (PCB unspecified)	,		Bq	(No statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	9,47E-09	kg	(No statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	2,21E-11	kg	(Literature)
[Halogenated organic emissions to fresh water] Polycyclic aromatic hydrocarbons (PAH) [Group PAH to	Mass	6,15E-21	kg	Estimated
air] Polycyclic aromatic hydrocarbons (PAH, unspec.)	Mass	1,35E-05	kg	(Literature)
[Hydrocarbons to fresh water] Polycyclic aromatic hydrocarbons (PAH, unspec.)	Mass	3,67E-06	kg	(Literature)
[Hydrocarbons to sea water]	Mass	1,64E-06	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	1,56E-04	kg	Calculated
Potassium (K40) [Radioactive emissions to air]	Activity	3,84E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	6,10E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	1,91E-01	Bq	(No statement)
Potassium [Fresh water]	Mass	1,50E-02	kg	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	3,45E-03	0	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	8,73E-04	0	(No statement)
Propane [Group NMVOC to air]	Mass	8,33E-04	-	(Literature)
Propanol (iso-propanol; isopropanol) [Group NMVOC to		·	0	(, , , , , , , , , , , , , , , , , , ,
air]	Mass	2,89E-05	kg	Estimated
Propene (propylene) [Group NMVOC to air]	Mass	6,60E-05	•	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	1,33E-05	-	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	4,74E-09	•	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	9,21E-07	•	(Literature)
Propylene oxide [Group NMVOC to air]	Mass	3,80E-06	•	(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	9,15E-06	-	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air] Protactinium (Pa234m) [Radioactive emissions to fresh	Activity	3,53E-02	Bq	(No statement)
water] R 11 (trichlorofluoromethane) [Halogenated organic	Activity	6,53E-01	Bq	(No statement)
emissions to air] R 113 (trichlorofluoroethane) [Halogenated organic	Mass	1,21E-07	kg	(Estimated)
emissions to air] R 114 (dichlorotetrafluoroethane) [Halogenated organic	Mass	0,00E+00	kg	(No statement)
emissions to air]	Mass	1,85E-07	kg	(Estimated)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
R 116 (hexafluoroethane) [Halogenated organic emissions to air] R 12 (diablesodifluoromethane) [Halogenated organic	Mass	2,51E-07	kg	(Calculated)
R 12 (dichlorodifluoromethane) [Halogenated organic emissions to air]	Mass	2,76E-08	kg	(Estimated)
R 124 (chlorotetrafluoroethane) [Halogenated organic emissions to air]	Mass	0,00E+00	kg	(No statement)
R 13 (chlorotrifluoromethane) [Halogenated organic emissions to air]	Mass	1,64E-08	kg	(Estimated)
R 134a (tetrafluoroethane) [Halogenated organic emissions to air]	Mass	2,41E-05	kg	(No statement)
R 21 (Dichlorofluoromethane) [Halogenated organic emissions to air] R 22 (chlorodifluoromethane) [Halogenated organic	Mass	5,44E-15	kg	(No statement)
R 22 (chlorodifluoromethane) [Halogenated organic emissions to air] R 23 (trifluoromethane) [Halogenated organic emissions	Mass	3,58E-07	kg	(Estimated)
to air] Radioactive emissions (general) [Radioactive emissions	Mass	1,73E-12	kg	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	5,93E-02	Bq	Literature
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	1,02E+01	Bq	(No statement)
to fresh water]	Activity	2,50E+02	Bq	(No statement)
Radioactive tailings [Radioactive waste]	Mass	7,40E-04	kg	(Calculated)
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	2,13E+01	Bq	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	1,04E+01	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	1,57E+00	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	7,72E+02	Bq	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	1,83E+01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	3,98E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	4,27E+01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	2,07E+01	Bq	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	2,76E-02	Bq	(No statement)
Radon (Rn222) [Air]	Activity	4,57E+06	Bq	(No statement)
Radon (Rn222) [Radioactive emissions to air] Red mud (wet) (3% NaOH) [Hazardous waste for	Activity	1,20E+05	Bq	(Literature)
disposal]	Mass	7,69E-04	0	Measured
Residues for incineration [Waste for disposal]	Mass	9,91E-07	0	(No statement)
Rolling tinder [Waste for recovery]	Mass	5,10E-04	•	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	6,36E-06	•	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air] Ruthenium (Ru103) [Radioactive emissions to fresh	Activity	7,87E-08	•	(No statement)
water] Ruthenium (Ru106) [Radioactive emissions to fresh	Activity	7,65E-05		(No statement)
water]	Activity	1,99E-02	•	Calculated
Scandium [Fresh water]	Mass	1,40E-06	•	(No statement)
Scandium [Inorganic emissions to air]	Mass	9,43E-09	•	(Estimated)
Scandium [Inorganic emissions to fresh water]	Mass	3,35E-07	•	(No statement)
Selenium [Fresh water]	Mass	2,84E-06	•	(No statement)
Selenium [Heavy metals to air]	Mass	3,84E-06	•	(Literature)
Selenium [Heavy metals to fresh water]	Mass	1,51E-06	•	(Literature)
Selenium [Heavy metals to sea water] Sewage sludge (waste water processing) [Hazardous	Mass	6,35E-08	0	(No statement)
waste]	Mass	2,28E-04	-	Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	3,05E-09	•	(No statement)
Silicon dioxide (silica) [Particles to air]	Mass	0,00E+00	•	Estimated
Silicon dioxide (silica) [Particles to fresh water]	Mass	0,00E+00	кg	Estimated

	Quantity	Amount	Unit	Origin of data
Flow - Outputs Silver (Ag110m) [Radioactive emissions to air]	Quantity Activity	Amount 7,80E-07	Unit Bq	Origin of data (No statement)
Silver (Ag110m) [Radioactive emissions to firesh water]	Activity	4,87E-01	Bq	(Literature)
Silver [Fresh water]	Mass	1,16E-07	•	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	4,06E-09	kg	(No statement)
Silver [Heavy metals to air]	Mass	5,21E-12	•	(No statement)
Silver [Heavy metals to fresh water]	Mass	4,01E-07	kg	(Literature)
Silver [Heavy metals to sea water]	Mass	1,24E-07	kg	(No statement)
Slag (Iron plate production) [Waste for recovery]	Mass	5,15E-03	kg	(Measured)
Slag (Mo-containing) [Waste for recovery]	Mass	2,86E-08	•	Estimated
Slag [Hazardous waste]	Mass	5,70E-04	kg	(Literature)
Slag [Waste for recovery]	Mass	9,31E-04	0	(Literature)
Sludge [Hazardous waste]	Mass	9,82E-03	•	(Calculated)
Sludge from water works (6% dry matter-content) [Waste		-,	3	(,
for disposal]	Mass	1,45E-08	kg	(No statement)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	2,74E-03	Bq	(No statement)
Sodium [Fresh water]	Mass	5,64E-03	kg	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	1,62E-01	kg	(Literature)
Sodium [Inorganic emissions to sea water]	Mass	6,34E-02	kg	(No statement)
Sodium chlorate [high population density]	Mass	1,44E-06	kg	(No statement)
Sodium chloride (rock salt) [Inorganic intermediate		_		
products]	Mass	1,86E-05	kg	Calculated
Sodium dichromate [high population density]	Mass	1,54E-07	kg	(No statement)
Sodium formate [high population density]	Mass	-7,65E-07	kg	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	-1,84E-06	kg	(No statement)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	5,45E-08	kg	(Estimated)
Solder paste waste [Hazardous waste for recovery]	Mass	2,35E-05	kg	Estimated
Solids (dissolved) [Analytical measures to fresh water]	Mass	1,34E-02	kg	(Literature)
Solids (suspended) [Fresh water]	Mass	1,14E-01	kg	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	1,00E-02		(Estimated)
Solids (suspended) [Particles to sea water]	Mass	8,90E-03	kg	(No statement)
Spoil [Stockpile goods]	Mass	1,70E-10	kg	Calculated
Steam [Inorganic emissions to air]	Mass	2,43E+00	kg	(Estimated)
Steel works slag [Waste for recovery]	Mass	2,66E-03	•	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	8,24E-03		(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	4,17E+02	-	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	5,30E+00	Bq	(No statement)
Strontium [Fresh water]	Mass	2,15E-04	•	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	2,22E-08	•	(No statement)
Strontium [Heavy metals to fresh water]	Mass	2,57E-03	0	(Literature)
Strontium [Heavy metals to industrial soil]	Mass	2,96E-06	-	(No statement)
Strontium [Heavy metals to sea water]	Mass	1,25E-03	•	(No statement)
Strontium [Inorganic emissions to air]	Mass	3,21E-06	. •	(Estimated)
Styrene [Group NMVOC to air]	Mass	2,75E-07	. •	Literature
Sulphate [Fresh water]	Mass	4,53E-02	kg	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	3,35E-02	-	(Measured)
Sulphate [Inorganic emissions to sea water]	Mass	2,41E-03	kg	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	1,11E-06	kg	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	4,58E-07	kg	(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	1,94E-05	kg	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	1,25E-06	•	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	1,42E-04		(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass	1,78E-04	kg ka	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	3,14E-06	kg	(No statement)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Sulphur dioxide [Inorganic emissions to air]	Mass	3,49E-01	kg	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass Mass	1,35E-06 8,54E-08	•	(Literature)
Sulphuric acid [Inorganic emissions to air] Tailings [Stockpile goods]	Mass	8,54E-08 3,64E-01	•	(Calculated) (Literature)
Tebutam [Pesticides to agricultural soil]	Mass	3,04E-01 1,98E-07	kg ka	(No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	11/1855	1,900-07	kg	(NO Statement)
water]	Activity	8,37E-03	Bq	(No statement)
Teflubenzuron [Pesticides to agricultural soil]	Mass	3,13E-07		(No statement)
Tellurium (Te123m) [Radioactive emissions to fresh		-,	3	(
water]	Activity	6,76E-03	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water]	Activity	2,10E-05	Bq	(No statement)
Tetrafluoromethane [Halogenated organic emissions to		0.075.00	1	
air]	Mass	2,27E-06	•	(Measured)
Thallium [Fresh water]	Mass	2,55E-06	•	(No statement)
Thallium [Heavy metals to air]	Mass	1,44E-08	•	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	5,42E-08	•	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	1,12E-01	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	8,53E+01 4,14E+01	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity		Bq	(No statement) (No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	1,09E+03 8,91E+01	•	· /
Thorium (Th230) [Radioactive emissions to fresh water] Thorium (Th232) [Radioactive emissions to air]	Activity Activity	0,91E+01 1,24E-01	Bq Bq	(No statement) (No statement)
Thorium (Th232) [Radioactive emissions to all] Thorium (Th232) [Radioactive emissions to fresh water]	Activity	1,24E-01 1,14E-01	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	3,53E-02		(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	6,53E-02	Bq	(No statement)
Tin [Fresh water]	Mass	2,68E-05	kg	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	1,29E-09	kg	(No statement)
Tin [Heavy metals to air]	Mass	4,50E-07	-	(Calculated)
Tin [Heavy metals to fresh water]	Mass	3,87E-08	-	(Literature)
Titanium [Heavy metals to agricultural soil]	Mass	3,75E-08	-	(No statement)
Titanium [Heavy metals to air]	Mass	3,73E-06	•	(Estimated)
Titanium [Heavy metals to fresh water]	Mass	1,28E-06	•	(Literature)
Titanium [Heavy metals to sea water]	Mass	1,04E-08	kg	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	3,24E-04	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	5,01E-05	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	3,01E-05	kg	(No statement)
Toner waste [STFI-PF import]	Mass	1,06E-03	kg	Literature
Top Cover (E-Paper) [Flows]	Mass	1,66E+00	kg	(Calculated)
Total dissolved organic bounded carbon [Analytical				<i></i> .
measures to fresh water]	Mass	4,16E-02	kg	(Literature)
Total dissolved organic bounded carbon [Analytical measures to sea water]	Mass	7,43E-03	ka	(No statement)
Total organic bounded carbon [Analytical measures to	111855	7,432-03	ĸġ	(NO Statement)
fresh water]	Mass	6,68E-02	ka	(Measured)
Total organic bounded carbon [Analytical measures to		-,		(
sea water]	Mass	7,43E-03	kg	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	9,61E-02	kg	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	6,93E-04	kg	(Calculated)
Tributyltinoxide [Pesticides to sea water]	Mass	2,19E-05	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic		0 00 - 00		
emissions to air]	Mass	2,88E-09	кġ	(No statement)
Trichloromethane (chloroform) [Halogenated organic emissions to fresh water]	Mass	5,44E-15	ka	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	8,85E-07	•	(No statement)
Tungsten [Fresh water]	Mass	1,10E-06	-	(No statement)
		.,		

	•	•		.
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Tungsten [Heavy metals to fresh water]	Mass	6,73E-07	0	(No statement)
Uranium (total) [Radioactive emissions to air]	Activity	2,01E+00		(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	4,62E-01	•	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	7,84E-01		(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	2,23E-02		(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	1,29E+00		(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	1,10E+00		(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	2,21E+00		(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	8,10E-01	•	(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	4,37E+01		(Literature)
Uranium depleted [Radioactive waste]	Mass	1,35E-05	•	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	-4,05E-10		(Calculated)
Used air [Other emissions to air]	Mass	8,89E-01	kg	(Measured)
Used oil [Hazardous waste for recovery]	Mass	1,20E-12	•	(Literature)
Vanadium [Fresh water]	Mass	6,12E-05	•	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	1,07E-09	kg	(No statement)
Vanadium [Heavy metals to air]	Mass	3,99E-05	0	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	2,19E-06	•	(Literature)
Vanadium [Heavy metals to sea water]	Mass	1,27E-07	•	(No statement)
Waste (unspecified) [Consumer waste]	Mass	1,26E-03	•	(Calculated)
Waste heat [Fresh water]	Energy	1,44E+01	MJ	(No statement)
Waste heat [Other emissions to air]	Energy	6,61E+02	MJ	(Measured)
Waste heat [Other emissions to fresh water]	Energy	1,54E+01	MJ	(Measured)
Waste paper [Waste for recovery]	Mass	1,15E-06	0	Measured
Waste radioactive [Radioactive waste]	Mass	1,14E-05	•	(Literature)
Waste water [Other emissions to fresh water]	Mass	4,35E+03	kg	(Literature)
Waste water processing residue [Hazardous waste for		~ ~ ~ ~ ~ ~		
recovery]	Mass	3,80E-02	•	Literature
Water (desalinated; deionized) [Operating materials]	Mass	9,84E-06	0	Calculated
Wave solder dross [Hazardous waste for recovery]	Mass	9,22E-05	kg	Estimated
Vinyl chloride (VCM; chloroethene) [Halogenated organic emissions to air]	Mass	2 405 07	ka	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic	Mass	2,49E-07	kg	Calculated
emissions to fresh water]	Mass	5,28E-09	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group	Mass	0,202 00	Ng	(No statement)
VOC)]	Mass	1,07E-04	kg	(Literature)
VOC [Organic emissions to fresh water]	Mass	1,51E-04	•	(No statement)
VOC [Organic emissions to sea water]	Mass	7,25E-05	kġ	(No statement)
Volatile fission products (inert gases;iodine;C14)		,	0	· · · ·
[Radioactive waste]	Mass	4,36E-10	kg	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	1,34E+01	Bq	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	5,43E+02	Bq	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	2,78E+00	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	2,15E+02	Bq	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	1,10E+02	Bq	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	2,15E+00	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	2,05E+01	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	3,77E-04	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
fresh water]	Mass	5,19E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to		o (== ==		
sea water]	Mass	2,45E-05	kg	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group NMVOC to air]	Mass	5,09E-06	ka	(No statement)
	111922	J,U9E-00	ĸу	(No statement)

Flow - Outputs Zinc (Zn65) [Radioactive emissions to air] Zinc (Zn65) [Radioactive emissions to fresh water] Zinc [Fresh water]	Quantity Activity Activity Mass Mass	Amount 1,51E-05 3,72E-02 9,03E-04 2,22E-05	Bq kg	Origin of data (No statement) (No statement) (No statement)
Zinc [Heavy metals to agricultural soil] Zinc [Heavy metals to air] Zinc [Heavy metals to fresh water] Zinc [Heavy metals to industrial soil] Zinc [Heavy metals to sea water] Zinc sulphate [Inorganic emissions to air]	Mass Mass Mass Mass Mass Mass	2,22E-05 5,91E-05 2,32E-04 1,16E-04 1,33E-04 1,22E-08	kg kg kg kg	(No statement) (Literature) (Literature) Measured (No statement) Measured
Zirconium (Zr) [Air] Zirconium (Zr95) [Radioactive emissions to air] Zirconium (Zr95) [Radioactive emissions to fresh water]	Mass Mass Activity Activity	1,91E-08 1,91E-09 1,47E-05 4,30E-04	kg Bq	(No statement) (No statement) (No statement)

In the tables below the LCI data for the studied system "Web based newspaper 30 minutes reading, European scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Air [Operating materials]	Mass	1,07E-16	kg	Estimated
Air [Renewable resources]	Mass	3,64E+01	kg	(Calculated)
Aluminum [Non renewable elements]	Mass	3,76E-03	kg	(No statement)
Antimonite [Non renewable resources]	Mass	6,77E-11	kg	(No statement)
Barium sulphate [Non renewable resources]	Mass	4,91E-03	kg	(No statement)
Basalt [Non renewable resources]	Mass	3,46E-04	kg	(No statement)
Bauxite [Non renewable resources]	Mass	3,16E-02	kg	Calculated
Bentonite [Non renewable resources]	Mass	2,21E-03	-	(Literature)
Borax [Non renewable resources]	Mass	1,34E-07	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	2,34E-11	kg	Literature
Carbon dioxide [Renewable resources]	Mass	7,41E-01	kg	Calculated
Catalyst [Operating materials]	Mass	9,83E-07	kg	Calculated
Chromium [Non renewable elements]	Mass	6,69E-04	kg	(No statement)
Chrysotile [Non renewable resources]	Mass	9,34E-08	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	8,89E-09	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	1,14E-08	kg	Calculated
Clay [Non renewable resources]	Mass	2,25E-02	kg	(No statement)
Cobalt [Non renewable elements]	Mass	1,27E-09	kg	(No statement)
Colemanite ore [Non renewable resources]	Mass	5,65E-04	kg	Calculated
Cooling water [Operating materials]	Mass	1,73E+01	kg	(Measured)
Copper [Non renewable elements]	Mass	2,05E-03	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	7,67E+00	kg	Measured
Copper ore (0.3%) [Non renewable resources]	Mass	3,12E-08	kg	Estimated
Crude oil [Crude oil (resource)]	Mass	6,58E-01	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	9,63E-03	kg	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	3,71E-03	kg	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	2,25E-05	kg	Literature
Crude oil Australia [Crude oil (resource)]	Mass	8,62E-04	kg	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	4,87E-04	kg	Literature
Crude oil Cameroon [Crude oil (resource)]	Mass	1,51E-03	kg	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	1,28E-02	kg	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	1,26E-04	kg	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	7,72E-05		(Calculated)
Crude oil China [Crude oil (resource)]	Mass	6,54E-02	-	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	4,06E-02	kg	(Literature)
Crude oil Colombia [Crude oil (resource)]	Mass	4,95E-06	-	(Literature)
Crude oil Denmark [Crude oil (resource)]	Mass	1,49E-04	-	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	4,28E-03		(Estimated)
Crude oil France [Crude oil (resource)]	Mass	1,20E-04	kg	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	-3,93E-06	-	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	2,01E-04	-	(Estimated)
Crude oil Germany [Crude oil (resource)]	Mass	4,13E-03	-	(Literature)
Crude oil Indonesia [Crude oil (resource)]	Mass	2,46E-04	-	(Estimated)
Crude oil Iran [Crude oil (resource)]	Mass	1,95E-02	кд	(Estimated)

	0	A	11	Oninin of data
Flow - Inputs	Quantity	Amount	Unit	Origin of data
Crude oil Italy [Crude oil (resource)]	Mass Mass	4,39E-03 1,82E-03	•	(Literature) (Estimated)
Crude oil Kuwait [Crude oil (resource)] Crude oil Libya [Crude oil (resource)]	Mass	3,85E-02	•	(Literature)
Crude oil Mexico [Crude oil (resource)]	Mass	3,83⊑-02 1,41E-03	•	(Literature)
Crude oil Middle East [Crude oil (resource)]	Mass	3,33E-04	•	(Calculated)
Crude oil Netherlands [Crude oil (resource)]	Mass	3,33⊑-04 4,07E-04	•	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	4,07E-04 3,00E-05	kg	(Estimated)
Crude oil Nigeria [Crude oil (resource)]	Mass	9,93E-03	0	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	2,40E-04	•	(Calculated)
Crude oil Norway [Crude oil (resource)]	Mass	3,32E-02	•	(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	3,45E-03	0	(Estimated)
Crude oil Qatar [Crude oil (resource)]	Mass	9,99E-05	•	(Estimated)
Crude oil Saudi Arabia [Crude oil (resource)]	Mass	2,90E-02	•	(Estimated)
Crude oil Tunisia [Crude oil (resource)]	Mass	1,99E-04	•	(Literature)
Crude oil United Arab Emirates [Crude oil (resource)]	Mass	1,28E-04	•	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]	Mass	3,20E-02	•	(Literature)
Crude oil USA [Crude oil (resource)]	Mass	1,40E-04	0	(Literature)
Crude oil Venezuela [Crude oil (resource)]	Mass	8,53E-03	•	(Literature)
Diatomite [Non renewable resources]	Mass	6,52E-10	•	(No statement)
Dolomite [Non renewable resources]	Mass	2,19E-04	•	(Literature)
	Energy	2,102 01	Ng	(Entertation)
Energy, calorific value, in organic substance [biotic]	ren.	8,15E+00	MJ	(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	8,41E-11	kg	(No statement)
Fluorine [Non renewable elements]	Mass	6,73E-06	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable				
resources]	Mass	6,65E-04	•	Calculated
Granite [Non renewable resources]	Mass	2,53E-07	-	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	6,39E-07	•	(No statement)
Hard coal [Hard coal (resource)]	Mass	3,71E+00	-	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	1,69E-02	0	(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	1,16E-03	-	(Calculated)
Hard coal Brazil [Hard coal (resource)]	Mass	1,07E-04	0	Estimated
Hard coal Canada [Hard coal (resource)]	Mass	6,86E-03	-	(Calculated)
Hard coal China [Hard coal (resource)]	Mass	1,21E+00	•	(Calculated)
Hard coal CIS [Hard coal (resource)]	Mass	7,38E-03	•	(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	1,49E-02	•	(Measured)
Hard coal Czech Republic [Hard coal (resource)]	Mass	7,82E-03	•	(Measured)
Hard coal France [Hard coal (resource)] Hard coal Germany [Hard coal (resource)]	Mass	1,41E-02 2,27E-01	•	(Calculated)
Hard coal Indonesia [Hard coal (resource)]	Mass Mass	6,27E-01	•	(Calculated) (Measured)
Hard coal Japan [Hard coal (resource)]	Mass	0,27E-03 1,12E-05	-	(Calculated)
Hard coal Poland [Hard coal (resource)]	Mass	3,00E-02	-	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	2,10E-02	-	Estimated
Hard coal South Africa [Hard coal (resource)]	Mass	1,38E-01	kg	(Measured)
Hard coal Spain [Hard coal (resource)]	Mass	2,79E-02	0	(Calculated)
Hard coal United Kingdom [Hard coal (resource)]	Mass	3,61E-03	-	(Calculated)
Hard coal USA [Hard coal (resource)]	Mass	7,08E-02	-	(Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	1,56E-02	-	(Measured)
Heavy spar (barytes) [Non renewable resources]	Mass	3,79E-03		(Literature)
Inert rock [Non renewable resources]	Mass	1,02E+01	kg	(Literature)
Iron [Non renewable elements]	Mass	3,80E-02	0	(Estimated)
Iron ore (65%) [Non renewable resources]	Mass	3,83E-04	-	(Estimated)
Iron ore [Non renewable resources]	Mass	3,03E-04 4,38E-01	•	(Calculated)
		1,002 01		(Saloalatoa)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Kaolin ore [Non renewable resources]	Mass	6,57E-03		Measured
Kaolinite (24% in ore as mined) [Non renewable		-,		
resources]	Mass	3,97E-05	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable				
resources]	Mass	2,39E-07		(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	2,80E-02	kg	Calculated
Lead [Non renewable elements]	Mass	1,49E-03	•	(No statement)
Lead ore [Non renewable resources]	Mass	5,28E-04		Estimated
Lignite [Lignite (resource)]	Mass	4,73E+00	kg	(Estimated)
Lignite Australia [Lignite (resource)]	Mass	1,09E-03		Literature
Lignite Australia [Lignite (resource)]	Mass	1,10E-04	•	Literature
Lignite Austria [Lignite (resource)]	Mass	1,44E-06		(Estimated)
Lignite France [Lignite (resource)]	Mass	1,68E-06		Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	1,24E-04		Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	1,53E-02		(Calculated)
Lignite Germany [Lignite (resource)]	Mass	5,84E-01	kg	(Literature)
Lignite Greece [Lignite (resource)]	Mass	2,64E-01	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	5,31E-02		(Literature)
Lignite USA [Lignite (resource)]	Mass	1,56E-04	kg	Literature
Limestone (calcium carbonate) [Non renewable resources]	Mass	2,91E-01	kg	(Literature)
Magnesit (Magnesium carbonate) [Non renewable	IVIASS	2,912-01	ĸġ	(Literature)
resources]	Mass	4,46E-04	kg	(No statement)
Magnesium [Non renewable elements]	Mass	3,92E-08	0	(No statement)
Manganese [Non renewable elements]	Mass	8,21E-05	•	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	2,28E-03	•	Calculated
Molybdenite (Mo 0,24%) [Non renewable resources]	Mass	7,05E-05	•	Estimated
Molybdenum [Non renewable elements]	Mass	1,15E-04	kg	(No statement)
Natural Aggregate [Non renewable resources]	Mass	5,30E-01	kg	Calculated
Natural gas [Natural gas (resource)]	Mass	1,50E+00	kg	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	1,64E-02	kg	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	3,01E-04	kg	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	7,38E-07	kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	3,43E-04	kg	(Estimated)
Natural gas Brazil [Natural gas (resource)]	Mass	1,22E-04	kg	(Estimated)
Natural gas Brunei [Natural gas (resource)]	Mass	1,27E-05	kg	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	1,22E-04	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	3,23E-04	kg	(Literature)
Natural gas China [Natural gas (resource)]	Mass	3,71E-03	kg	(Calculated)
Natural gas CIS [Natural gas (resource)]	Mass	2,08E-01	kg	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	1,88E-07	kg	(Literature)
Natural gas Denmark [Natural gas (resource)]	Mass	5,61E-03	kg	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	3,47E-04	kg	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	5,21E-04	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	1,67E-05	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	1,11E-01	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	6,23E-05	kg	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	7,27E-04	kg	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	8,89E-03	•	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	3,63E-06	•	Estimated
Natural gas Kuwait [Natural gas (resource)]	Mass	6,81E-05	•	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	3,72E-03	•	(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	1,80E-05	•	Estimated
Natural gas Mexico [Natural gas (resource)]	Mass	4,64E-05	kg	(Literature)

	Quantity	Amount	l Init	Origin of data
Flow - Inputs Natural gas Netherlands [Natural gas (resource)]	Quantity Mass	Amount 1,88E-01	Unit kg	Origin of data (Estimated)
Natural gas New Zealand [Natural gas (resource)]	Mass	6,63E-07	•	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	8,05E-04	•	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	8,86E-02	•	(Estimated)
Natural gas Oman [Natural gas (resource)]	Mass	1,29E-04	•	(Estimated)
Natural gas Qatar [Natural gas (resource)]	Mass	3,73E-06	•	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	1,08E-03	kg	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	1,59E-04	kg	(Estimated)
Natural gas Tunisia [Natural gas (resource)]	Mass	1,61E-05	kg	(Literature)
Natural gas United Arab Emirates [Natural gas				/ -
(resource)]	Mass	1,39E-05	kg	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	4,43E-03	kg	(Literature)
Natural gas USA [Natural gas (resource)]	Mass	4,25E-04	•	(Estimated)
Natural gas Venezuela [Natural gas (resource)] Nickel [Non renewable elements]	Mass Mass	5,02E-04 1,84E-03	•	(Literature) (No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	2,14E-03	•	Measured
Nitrogen [Renewable resources]	Mass	1,38E-06	0	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime		0	(No statement)
Occupation, construction site [Hemerobie econvent]	Areatime		-	(No statement)
Occupation, dump site [Hemerobie ecoinvent]	Areatime		-	(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime		-	(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent]	Areatime		-	(No statement)
Occupation, forest, intensive, normal [Hemerobie				
ecoinvent]	Areatime		-	(No statement)
Occupation, industrial area [Hemerobie ecoinvent]	Areatime	1,34E-02	m2*yr	(No statement)
Occupation, industrial area, benthos [Hemerobie ecoinvent]	Areatime	8 77E-06	m2*vr	(No statement)
Occupation, industrial area, built up [Hemerobie	Aleatime	0,772-00	IIIZ yi	(NO Statement)
ecoinvent]	Areatime	9,44E-04	m2*yr	(No statement)
Occupation, industrial area, vegetation [Hemerobie			-	
ecoinvent]	Areatime	7,57E-04	m2*yr	(No statement)
Occupation, mineral extraction site [Hemerobie	Areatime	1 625 02	m2*\/r	(No statement)
ecoinvent] Occupation, permanent crop, fruit, intensive [Hemerobie	Aleaume	1,02E-02	ша уг	(NO Statement)
ecoinvent]	Areatime	2,84E-05	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie			-	
ecoinvent]	Areatime	1,04E-04	m2*yr	(No statement)
Occupation, traffic area, rail embankment [Hemerobie				(No statement)
ecoinvent] Occupation, traffic area, rail network [Hemerobie	Areatime	0,02E-04	m∠ yr	(No statement)
ecoinvent]	Areatime	7,32E-04	m2*yr	(No statement)
Occupation, traffic area, road embankment [Hemerobie		,	,	(
ecoinvent]	Areatime	3,41E-03	m2*yr	(No statement)
Occupation, traffic area, road network [Hemerobie	A	0 0 4 - 00	0*	
ecoinvent] Occupation, urban, discontinuously built [Hemerobie	Areatime	2,34E-03	m2^yr	(No statement)
ecoinvent]	Areatime	3 71E-07	m2*vr	(No statement)
Occupation, water bodies, artificial [Hemerobie	, a catalité	0,112 01).	
ecoinvent]	Areatime	4,56E-02	m2*yr	(No statement)
Occupation, water courses, artificial [Hemerobie				
ecoinvent]	Areatime	1,79E-02	-	· · ·
Olivine [Non renewable resources]	Mass	7,19E-09	-	(No statement)
Palladium [Non renewable elements]	Mass	2,57E-09	•	(No statement)
Peat [Renewable resources] Phosphorus [Non renewable elements]	Mass Mass	5,02E-02 2,71E-05	•	(No statement) (No statement)
Phosphorus [Non renewable elements] Phosphorus minerals [Non renewable resources]	Mass	2,71E-05 6,13E-07	•	Literature
	111133	0,132-07	Ng	

	Quantity	Amount	l Init	Origin of data
Flow - Inputs	Quantity Mass	Amount 5,19E-02	Unit	Origin of data (Literature)
Pit gas [Natural gas (resource)] Platinum [Non renewable elements]	Mass	5,19E-02 4,24E-10	•	· · · ·
			•	(No statement)
Potassium chloride [Non renewable resources]	Mass	2,16E-05 4,92E-01	U U	Calculated Calculated
Precious metal ore (R.O.M) [Non renewable resources] Primary energy from hydro power (BUWAL) [Renewable	Mass Energy	4,92E-01	kg	Calculated
energy resources]	ren.	-2,81E-04	MJ	Literature
Primary energy from hydro power [Renewable energy resources]	Energy ren.	3,95E+01	MJ	(Literature)
Primary energy from solar energy [Renewable energy	Energy	3,352+01	1013	(Literature)
resources]	ren.	9,47E-02	MJ	Literature
Primary energy from wind power [Renewable energy	Energy	0,0_		
resources]	ren.	4,54E+00	MJ	Calculated
Process and cooling water [Operating materials]	Mass	8,62E-09	kg	Literature
Process water [Operating materials]	Mass	5,38E+01	kg	(Measured)
Quartz sand (silica sand; silicon dioxide) [Non renewable			-	
resources]	Mass	1,37E-02	•	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	-4,63E-07	•	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	-3,99E-07	•	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	-6,52E-07	kg	Literature
Refractory [Minerals]	Mass	4,26E-12	•	Measured
Renewable fuels [Renewable energy resources]	Mass	-4,89E-06	kg	Calculated
Rhenium [Non renewable elements]	Mass	1,96E-11	kg	(No statement)
Rhodium [Non renewable elements]	Mass	7,12E-11	kg	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	2,81E-11	kg	(No statement)
sand [Non renewable resources]	Mass	2,21E-05	kg	(No statement)
Silver [Non renewable elements]	Mass	1,90E-08	kg	(No statement)
Slate [Non renewable resources]	Mass	4,60E-08	kg	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	1,77E-01	kg	(Literature)
Sodium sulphate [Non renewable resources]	Mass	7,48E-05	kg	Literature
Soil [Non renewable resources]	Mass	1,77E-02	kg	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass	2,79E-02	kg	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	6,57E-16	•	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	1,46E-07	kg	(Literature)
Sulphur [Non renewable elements]	Mass	1,07E-05	0	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	1,06E-05	•	(No statement)
Talc [Non renewable resources]	Mass	4,58E-04	0	Calculated
Tin [Non renewable elements]	Mass	5,03E-07		(No statement)
Tin ore [Non renewable resources]	Mass	2,13E-03	0	Estimated
Titanium dioxide [Non renewable resources]	Mass	5,10E-04	0	(No statement)
Titanium ore [Non renewable resources]	Mass	6,76E-06	•	(No statement)
Transformation, from arable [Hemerobie ecoinvent] Transformation, from arable, non-irrigated [Hemerobie	Area	1,43E-05	sqm	(No statement)
ecoinvent]	Area	3,29E-04	sam	(No statement)
Transformation, from arable, non-irrigated, fallow	Alca	5,250-04	Sqiii	(NO Statement)
[Hemerobie ecoinvent]	Area	2,42E-07	sam	(No statement)
Transformation, from dump site, inert material landfill		_, •	• 1	()
[Hemerobie ecoinvent]	Area	1,28E-05	sqm	(No statement)
Transformation, from dump site, residual material landfill				· · · ·
[Hemerobie ecoinvent]	Area	7,18E-06	sqm	(No statement)
Transformation, from dump site, sanitary landfill				
[Hemerobie ecoinvent]	Area	4,93E-07	sqm	(No statement)
Transformation, from dump site, slag compartment	Aree		0.000	(No ototomant)
[Hemerobie ecoinvent]	Area	2,58E-07	•	(No statement)
Transformation, from forest [Hemerobie ecoinvent] Transformation, from forest, extensive [Hemerobie	Area	1,11E-03 2,43E-03	•	(No statement) (No statement)
המהפוטווומנוטה, הטור וטופפו, פגנפוופועפ (חפווופוטטופ	Area	∠,43⊑-03	SYIII	(ויזט זומופווופווו)

Flow - Inputs ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, from industrial area [Hemerobie				
ecoinvent]	Area	3,78E-05	sqm	(No statement)
Transformation, from industrial area, benthos [Hemerobie ecoinvent]	e Area	4,31E-08	sqm	(No statement)
Transformation, from industrial area, built up [Hemerobie ecoinvent]	Area	6,65E-09	sam	(No statement)
Transformation, from industrial area, vegetation [Hemerobie ecoinvent]	Area	1,13E-08	•	(No statement)
Transformation, from mineral extraction site [Hemerobie		,	•	х , , , , , , , , , , , , , , , , , , ,
ecoinvent] Transformation, from pasture and meadow [Hemerobie	Area	2,51E-04	sqm	(No statement)
ecoinvent] Transformation, from pasture and meadow, intensive	Area	1,58E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	2,65E-07	sqm	(No statement)
Transformation, from sea and ocean [Hemerobie ecoinvent]	Area	8,83E-04	sqm	(No statement)
Transformation, from shrub land, sclerophyllous	A			
[Hemerobie ecoinvent]	Area	1,25E-04	•	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	1,24E-03	•	(No statement)
Transformation, to arable [Hemerobie ecoinvent] Transformation, to arable, non-irrigated [Hemerobie	Area	3,00E-04	sqm	(No statement)
ecoinvent] Transformation, to arable, non-irrigated, fallow	Area	3,29E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	3,44E-07	sam	(No statement)
Transformation, to dump site [Hemerobie ecoinvent] Transformation, to dump site, benthos [Hemerobie	Area	1,84E-04	•	(No statement)
ecoinvent]	Area	8,83E-04	sqm	(No statement)
Transformation, to dump site, inert material landfill [Hemerobie ecoinvent]	Area	1,28E-05	sqm	(No statement)
Transformation, to dump site, residual material landfill [Hemerobie ecoinvent]	Area	7,18E-06	sqm	(No statement)
Transformation, to dump site, sanitary landfill [Hemerobie ecoinvent]	e Area	4,93E-07	•	(No statement)
Transformation, to dump site, slag compartment	Alea		•	х , , , , , , , , , , , , , , , , , , ,
[Hemerobie ecoinvent]	Area	2,58E-07	•	(No statement)
Transformation, to forest [Hemerobie ecoinvent] Transformation, to forest, intensive [Hemerobie	Area	5,62E-05	sqm	(No statement)
ecoinvent] Transformation, to forest, intensive, normal [Hemerobie	Area	4,30E-06	sqm	(No statement)
ecoinvent]	Area	2,40E-03	sqm	(No statement)
Transformation, to heterogeneous, agricultural	A			
[Hemerobie ecoinvent]	Area	5,07E-05	•	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent] Transformation, to industrial area, benthos [Hemerobie	Area	2,54E-04	sqm	(No statement)
ecoinvent] Transformation, to industrial area, built up [Hemerobie	Area	3,25E-07	sqm	(No statement)
ecoinvent]	Area	3,07E-05	sqm	(No statement)
Transformation, to industrial area, vegetation [Hemerobie ecoinvent]	Area	2,16E-05	sqm	(No statement)
Transformation, to mineral extraction site [Hemerobie ecoinvent]	Area	1,40E-03	sqm	(No statement)
Transformation, to pasture and meadow [Hemerobie ecoinvent]	Area	5,46E-06	sam	(No statement)
Transformation, to permanent crop, fruit, intensive		0,102 00	~ 1'''	, to statementy
[Hemerobie ecoinvent]	Area	4,79E-07	sqm	(No statement)
Transformation, to sea and ocean [Hemerobie ecoinvent]		4,31E-08	•	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie		2,07E-05	•	(No statement)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
ecoinvent]				
Transformation, to traffic area, rail embankment [Hemerobie ecoinvent] Transformation, to traffic area, rail network [Hemerobie	Area	1,54E-06	sqm	(No statement)
ecoinvent]	Area	1,69E-06	sqm	(No statement)
Transformation, to traffic area, road embankment [Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	2,38E-05	sqm	(No statement)
ecoinvent]	Area	3,51E-05	sam	(No statement)
Transformation, to unknown [Hemerobie ecoinvent]	Area	3,32E-05	•	(No statement)
Transformation, to urban, discontinuously built	Alca	5,52E-05	Sqiii	
[Hemerobie ecoinvent] Transformation, to water bodies, artificial [Hemerobie	Area	7,40E-09	sqm	(No statement)
ecoinvent] Transformation, to water courses, artificial [Hemerobie	Area	3,30E-04	sqm	(No statement)
ecoinvent]	Area	2,17E-04	sam	(No statement)
Ulexite [Non renewable resources]	Mass	2,16E-06	•	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-1,29E-08	•	Literature
Uranium free ore [Uranium (resource)]	Mass	1,97E-16	0	Literature
Uranium natural [Uranium (resource)]	Mass	3,37E-04	•	(Literature)
Waste for recovery (unspecified) [Waste for recovery]	Mass	2,99E-01	-	(No statement)
Water (feed water) [Water]	Mass	1,27E-02	•	(Literature)
Water (ground water) [Water]	Mass	3,74E+01	•	(Estimated)
Water (lake water) [Water]	Mass	2,22E-01		(No statement)
Water (river water) [Water]	Mass	1,23E+02	-	(No statement)
Water (sea water) [Water]	Mass	1,89E+01	•	(Literature)
Water (surface water) [Water]	Mass	1,88E+02	•	(Literature)
Water [Water]	Mass	6,68E+02	•	(Literature)
Water for industrial use [Operating materials]	Mass	5,80E+00	•	(Calculated)
Water, salt, sole [in water]	Volume	5,07E-04	•	(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	1,78E+02		(No statement)
Vermiculite [Non renewable resources] Volume occupied, final repository for low-active	Mass	2,12E-07		(No statement)
radioactive waste [Hemerobie ecoinvent] Volume occupied, final repository for radioactive waste	Volume	5,90E-07	m3	(No statement)
[Hemerobie ecoinvent]	Volume Cubic	1,49E-07	m3	(No statement)
	meter			
Volume occupied, reservoir [Hemerobie ecoinvent] Volume occupied, underground deposit [Hemerobie	years	5,99E-01		(No statement)
ecoinvent]	Volume	2,91E-07	m3	(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	-9,13E-03	kg	Literature
Wood [Renewable energy resources]	Mass	7,18E-03	kg	(Estimated)
Wood, hard, standing [biotic]	Volume	2,45E-04	m3	(No statement)
Wood, soft, standing [biotic] Zinc - copper ore (4.07%-2.59%) [Non renewable	Volume	5,48E-04		(No statement)
resources] Zinc - lead - copper ore (12%-3%-2%) [Non renewable	Mass	3,67E-01	kg	(Estimated)
resources] Zinc - lead ore (4.21%-4.96%) [Non renewable	Mass	2,74E-01	kg	Calculated
resources]	Mass	4,36E-10	kg	Estimated
Zinc [Non renewable elements]	Mass	5,92E-05	•	(No statement)
Zinc ore (sulphide) [Non renewable resources]	Mass	3,02E-11	kg	Calculated

Flaur Outrasta	0	A	11	Onigin of data
Flow - Outputs	Quantity Mass	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water]	Mass	1,69E-10 8,45E-11		(No statement) (No statement)
Acenaphthene [Hydrocarbons to sea water] Acenaphthylene [Hydrocarbons to fresh water]	Mass	8,45E-11 1,06E-11	kg kg	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	5,29E-12	kg	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	3,29E-12 4,56E-11	kg	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	4,30E-11 7,74E-06	kg	(Literature)
Acetic acid [Group NMVOC to air]	Mass	7,74E-00 3,77E-05	kg	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	3,72E-07	kg	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air]	Mass	1,01E-05	kg	(Literature)
Acid (calculated as H+) [Inorganic emissions to fresh	WI033	1,012-00	Ng	(Eliciature)
water]	Mass	4,51E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	5,35E-10	kg	(No statement)
Acrolein [Group NMVOC to air]	Mass	2,94E-09	kg	(No statement)
Acrylonitrile [Hydrocarbons to fresh water]	Mass	3,05E-05	kg	(Calculated)
Adsorbable organic halogen compounds (AOX)				<i></i>
[Analytical measures to fresh water]	Mass	1,25E-04	kg	(Measured)
Adsorbable organic halogen compounds (AOX) [Analytical measures to sea water]	Mass	6,93E-09	kg	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	6,50E-06	•	(No statement)
Aktinide (general) [Radioactive emissions to all]	Activity	8,37E-01	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	3,17E-07	•	(Literature)
Alkane (unspecified) [Group NMVOC to air]	Mass	1,16E-04	kg	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	1,10E-04 3,53E-06	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	1,77E-06	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	7,91E-05	kg	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	3,26E-07	0	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	1,63E-07	•	(No statement)
Aluminum [Fresh water]	Mass	1,30E-02	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	1,83E-05	kg	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	1,47E-04	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	2,38E-05	kg	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	1,02E-05	kg	(No statement)
Aluminum [Particles to air]	Mass	5,17E-04	kg	(No statement)
Aluminum scrap [Waste for recovery]	Mass	3,31E-06	0	Measured
Americium (Am241) [Radioactive emissions to fresh		-,	5	
water]	Activity	5,74E-02		Calculated
Ammonia [Inorganic emissions to air]	Mass	3,73E-04	kg	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	1,39E-06	kg	(Measured)
Ammonium / ammonia [Fresh water]	Mass	1,42E-06	kg	(No statement)
Ammonium / ammonia [Inorganic emissions to fresh	M		1	(1):(()
water]	Mass	1,67E-04	-	(Literature)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	9,83E-07	•	(No statement)
Ammonium [Inorganic emissions to air]	Mass	7,65E-06	•	Measured
Ammonium carbonate [high population density]	Mass	8,63E-09	•	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	8,62E-10	•	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	1,96E-04	•	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity Activity	4,13E-04 1,38E-01		(Literature) (Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	1,36E-01 5,07E-06	•	· · ·
Antimony (Sb125) [Radioactive emissions to air]	•			(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water] Antimony [Fresh water]	Activity Mass	1,31E-01 3,96E-04	•	(Literature) (No statement)
Antimony [Fresh water] Antimony [Heavy metals to agricultural soil]	Mass	3,96E-04 7,87E-13	•	(No statement)
Antimony [Heavy metals to agricultural soli] Antimony [Heavy metals to air]	Mass	2,19E-06	•	(No statement) (Calculated)
Antimony [Heavy metals to fresh water]	Mass	2,19E-00 2,15E-04	•	(No statement)
Antimony [neavy metals to nesh water]	111033	2,132-04	кy	(ואט סומופווופווו)

Flow - Outputs Argon (Ar41) [Radioactive emissions to air]	Quantity Activity	Amount 2,29E+02	Unit Bq	Origin of data (Literature)
Aromatic hydrocarbons (unspecified) [Group NMVOC to air] Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Mass	1,17E-06	kg	(Calculated)
fresh water] Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Mass	1,43E-05	kg	Literature
sea water]	Mass	8,05E-06	kg	(No statement)
Arsenic [Fresh water]	Mass	7,60E-07	kg	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	5,36E-09	kg	(No statement)
Arsenic [Heavy metals to air]	Mass	3,23E-06	kg	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	1,15E-05	kg	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	6,86E-07	kg	Measured
Arsenic [Heavy metals to sea water]	Mass	1,94E-08	kg	(No statement)
Arsenic trioxide [Heavy metals to air]	Mass	2,05E-11	kg	Measured
Ash [Stockpile goods]	Mass	-4,35E-05	kg	Calculated
Atrazine [Pesticides to agricultural soil]	Mass	2,46E-11	kg	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	3,30E-04	•	(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	8,57E-04	•	(No statement)
Barium [Fresh water]	Mass	2,43E-04	kg	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	3,66E-10	•	(No statement)
Barium [Inorganic emissions to air]	Mass	1,13E-05	•	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	2,80E-05	•	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	1,19E-05	•	(No statement)
Barium [Inorganic emissions to sea water]	Mass	1,19E-05	•	(No statement)
Barytes [ocean]	Mass	5,50E-04	•	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	1,23E-10	•	(No statement)
Bentazone [Pesticides to agricultural soil]	Mass	2,72E-10	•	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	1,01E-10	•	(No statement)
Benzene [Group NMVOC to air]	Mass	9,75E-05	•	(Literature)
Benzene [Hydrocarbons to fresh water]	Mass	3,37E-06	•	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	1,12E-06	•	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	4,53E-07		(Literature)
Beryllium [Fresh water]	Mass	1,81E-06	kg	(No statement)
Beryllium [Inorganic emissions to air]	Mass	7,41E-08	•	(Literature)
Beryllium [Inorganic emissions to fresh water] Biological oxygen demand (BOD) [Analytical measures to	Mass	7,64E-09	Ū	(Literature)
Biological oxygen demand (BOD) [Analytical measures to	Mass	8,34E-03	U U	(Literature)
sea water] Biological oxygen demand, BSB5 (Ecoinvent) [Fresh	Mass	2,06E-03	U U	(No statement)
water]	Mass	1,07E-03	0	(No statement)
Boiler ash (unspecified) [Waste for recovery]	Mass	-2,18E-04	•	Calculated
Boron [Fresh water]	Mass	3,12E-04	•	(No statement)
Boron [Inorganic emissions to air]	Mass	1,66E-07	•	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	1,28E-05	0	(Literature)
Boron [Inorganic emissions to sea water] Boron compounds (unspecified) [Inorganic emissions to	Mass	1,12E-07	U	(No statement)
air]	Mass	1,82E-04	•	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	5,04E-07	•	(No statement)
Bromine [Fresh water]	Mass	1,53E-04	•	(No statement)
Bromine [Inorganic emissions to air]	Mass	3,70E-05	•	(Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	7,43E-04 9,52E-06	•	(No statement)
Bromine [Inorganic emissions to sea water] Butadiene [Group NMVOC to air]	Mass Mass	9,52E-06 1,65E-13	•	(No statement) (No statement)

	Quantity	A	11	Origin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Butane (n-butane) [Group NMVOC to air]	Mass	3,95E-06	•	(Measured)
Butane [Group NMVOC to air] Butene [Group NMVOC to air]	Mass Mass	1,08E-04 8,50E-07	•	(Literature) (No statement)
Butene [Hydrocarbons to fresh water]	Mass	1,32E-09	•	(No statement)
	Mass	1,32E-09 8,69E-07	•	(No statement)
Cadmium [Fresh water]			U U	· /
Cadmium [Heavy metals to agricultural soil]	Mass	1,09E-08	•	(No statement)
Cadmium [Heavy metals to air]	Mass	7,27E-07	U U	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	1,91E-06	U U	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	1,10E-07	U U	Measured
Cadmium [Heavy metals to sea water]	Mass	4,86E-09	•	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	1,13E-06	0	(Literature)
Calcium [Fresh water]	Mass	4,77E-02	U U	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	7,14E-03	•	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	4,42E-04	•	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	1,09E-10	•	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	6,20E+02	•	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	2,97E+00	Вd	(Estimated)
Carbon (unspecified) [Organic emissions to agricultural soil]	Mass	4,79E-05	ka	(No statement)
Carbon (unspecified) [Organic emissions to industrial	111222	4,792-03	ĸġ	(NO Statement)
soil]	Mass	7,15E-05	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	7,08E-01	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	2,36E+01	kg	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	1,43E-05	0	(No statement)
Carbon monoxide (biotic) [Air]	Mass	2,01E-04	•	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	1,48E-02	•	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated	made	1,102 02	Ng	(Litorataro)
organic emissions to air]	Mass	4,05E-09	kg	(No statement)
Carbonate [Inorganic emissions to fresh water]	Mass	3,86E-05	kg	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	7,99E-05	Bq	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	3,43E-04		(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	1,04E-04	Bq	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	1,60E-02	Bq	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	3,97E+00	Bq	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	6,08E-05	Bq	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	3,58E-02		(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	2,73E+01	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	9,59E+01	Bq	(No statement)
Cesium [Heavy metals to fresh water]	Mass	2,71E-08	kg.	(No statement)
Cesium [Heavy metals to sea water]	Mass	1,36E-08	-	(No statement)
Chemical oxygen demand (COD) [Analytical measures to			-	
fresh water]	Mass	5,04E-02	kg	(Literature)
Chemical oxygen demand (COD) [Analytical measures to				
sea water]	Mass	2,07E-03	kg	Estimated
Chemical oxygen demand, CSB (Ecoinvent) [Fresh	Maga	2.255.02	1.0	(No statement)
water]	Mass	3,25E-03	0	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	4,33E-06	0	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	1,41E-05	0	(Measured)
Chloride [Fresh water]	Mass	9,43E-05	•	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	1,34E-01	•	(Literature)
Chloride [Inorganic emissions to sea water] Chlorinated hydrocarbons (unspecified) [Halogenated	Mass	6,82E-03	ку	(No statement)
organic emissions to fresh water]	Mass	2,44E-07	kg	(Estimated)
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	2,44E-07 4,93E-05	•	(Literature)
	1111133	− ,55 ∟ -05	NY	

	•	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Chlorine [Inorganic emissions to agricultural soil]	Mass	2,38E-06	•	(No statement)
Chlorine [Inorganic emissions to air]	Mass	1,70E-06	0	(Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	1,49E-04	kg	(No statement)
Chloromethane (methyl chloride) [Halogenated organic emissions to air]	Mass	1,09E-08	ka	Estimated
Chloromethane (methyl chloride) [Halogenated organic	IVIA33	1,092-00	ĸġ	LSIIIIaleu
emissions to fresh water]	Mass	4,74E-07	kg	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	1,30E-08	•	(No statement)
Chlorous dissolvent [Halogenated organic emissions to		.,	3	()
fresh water]	Mass	1,46E-08	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to				
sea water]	Mass	1,29E-15	•	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	5,12E-06	•	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	1,33E-01	Bq	(No statement)
Chromium (unspecified) [Heavy metals to agricultural	N4		1	
soil]	Mass	1,59E-07	-	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	3,92E-06	•	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	1,36E-07	•	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	1,22E-07	•	(No statement)
Chromium +III [Heavy metals to fresh water]	Mass	8,63E-08	0	(Literature)
Chromium +VI [Fresh water]	Mass	9,50E-06	•	(No statement)
Chromium +VI [Heavy metals to air]	Mass	8,17E-08	•	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	6,83E-06	•	(No statement)
Chromium +VI [Heavy metals to industrial soil]	Mass	6,97E-06	•	(No statement)
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity	1,93E-03	•	(No statement)
Cobalt (Co58) [Radioactive emissions to air]	Activity	1,07E-03	•	(Literature)
Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	1,08E+00	•	(Literature)
Cobalt (Co60) [Radioactive emissions to air]	Activity	1,21E-02	•	(Literature)
Cobalt (Co60) [Radioactive emissions to fresh water]	Activity	1,33E+01	•	(Literature)
Cobalt [Fresh water]	Mass	2,42E-05	•	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	1,49E-08	•	(No statement)
Cobalt [Heavy metals to air]	Mass	1,49E-06	•	(Literature)
Cobalt [Heavy metals to fresh water]	Mass	5,80E-08	•	(No statement)
Cobalt [Heavy metals to sea water]	Mass	2,89E-09	•	(No statement)
Copper [Fresh water]	Mass	3,45E-04	•	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	1,79E-07	0	(No statement)
Copper [Heavy metals to air]	Mass	1,31E-05		(Literature)
Copper [Heavy metals to fresh water]	Mass	5,79E-06	•	(Literature)
Copper [Heavy metals to industrial soil]	Mass	6,88E-06	•	Measured
Copper [Heavy metals to sea water]	Mass	3,66E-08	0	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	1,55E-07	kg	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh water]	Mass	3,72E-07	ka	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh	IVIASS	3,72L-07	ĸġ	(NO Statement)
water]	Activity	7,61E-02	Ba	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	1,73E-06	•	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	3,43E-06	-	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	4,83E-08	•	(No statement)
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	3,42E-09	-	(No statement)
Cypermethrin [Pesticides to agricultural soil]	Mass	2,74E-12	•	(No statement)
Detergent (unspecified) [Other emissions to fresh water]	Mass	4,31E-10	•	(Literature)
Dichloroethane (ethylene dichloride) [Halogenated		.,012.10		(
organic emissions to air]	Mass	3,81E-08	kg	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated			C	
organic emissions to fresh water]	Mass	2,73E-08	kg	(No statement)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Dichloromethane (methylene chloride) [Halogenated organic emissions to air] Dichloromethane (methylene chloride) [Halogenated	Mass	1,71E-05	kg	Calculated
organic emissions to fresh water] Dichloropropane [Halogenated organic emissions to fresh	Mass	6,03E-07	kg	(No statement)
water]	Mass	0,00E+00	kg	Estimated
Dichromate [river] Diethyl amine (ethylene ethane amine) [Group NMVOC	Mass	1,82E-07	kg	(No statement)
to air]	Mass	1,91E-10	kg	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	3,53E-04	kg	(No statement)
Different pollutants [Other emissions to industrial soil]	Mass	1,74E-04	kg	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	3,54E-09	kg	(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	1,39E-03	•	(No statement)
Dust (> PM10) [Particles to air]	Mass	1,10E-02	kg	(No statement)
Dust (PM2,5 - PM10) [Particles to air]	Mass	9,10E-04	kg	(No statement)
Dust (PM2.5) [Particles to air]	Mass	4,02E-03	kg	(No statement)
Dust (unspecified) [Particles to air]	Mass	6,59E-03	kg	(Literature)
Ethane [Group NMVOC to air]	Mass	8,10E-04	kg	(Literature)
Ethanol [Group NMVOC to air]	Mass	1,52E-05	kg	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	4,14E-06	kg	(Literature)
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	1,37E-07	kg	(No statement)
Ethine (acetylene) [Group NMVOC to air]	Mass	1,69E-07	kg	(No statement)
Ethyl benzene [Group NMVOC to air]	Mass	3,97E-05	kg	(Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	9,08E-07	kg	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	3,26E-07	kg	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	1,82E-09	kg	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	5,98E-11	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	2,93E-12	kg	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	7,11E-12	kg	(No statement)
Exhaust [Other emissions to air] Fatty acids (calculated as total carbon) [Hydrocarbons to	Mass	2,89E+01	-	(Calculated)
fresh water]	Mass	9,99E-05	kg	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to	Masa		1	(No statement)
sea water]	Mass	8,09E-05	kg	(No statement)
Fenpicionil [Pesticides to agricultural soil]	Mass	5,31E-10	kg	(No statement)
Fluoride (unspecified) [Inorganic emissions to air]	Mass	1,28E-06	0	(Literature)
Fluoride [Fresh water]	Mass	3,88E-05	•	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	4,14E-04	-	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	5,91E-06	•	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	1,59E-06	-	(No statement)
Fluorides [Inorganic emissions to air]	Mass	1,03E-09	-	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	4,12E-07	-	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	7,40E-06	•	(Measured)
Fly ash (unspecified) [Waste for recovery]	Mass	-8,48E-04	0	Calculated
Formaldehyde (methanal) [Group NMVOC to air]	Mass	4,94E-05	•	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	5,41E-08	•	Literature
Glutaraldehyde [Hydrocarbons to sea water]	Mass	6,79E-08	•	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	1,56E-09	-	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	4,46E-08	-	(No statement)
Graphites [Particles to air]	Mass	0,00E+00	•	Estimated
Gypsum (FDI) [Waste for recovery]	Mass	2,81E-03	•	(Measured)
Gypsum [Waste for recovery]	Mass	1,73E-04	kg	(Estimated)
Halogenated hydrocarbons (unspecified) [Halogenated organic emissions to air]	Mass	-1,07E-12	kg	Literature

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Halon (1211) [Halogenated organic emissions to air]	Mass	5,49E-08	•	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	4,25E-08	kg	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	1,23E-01	kg	(Literature)
Heat from natural gas [Flows]	Energy	1,56E-11	MJ	(No statement)
Heat from oil [Flows]	Energy	1,40E-10		(No statement)
Heat from waste [Flows]	Energy	1,67E-10	MJ	(No statement)
Heavy metals to water (unspecified) [Heavy metals to fresh water]	Mass	2,96E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	2,90L-07 1,30E-05	0	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	1,30E-03 8,49E-06	0	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated	111222	0,49∟-00	ĸġ	(NO Statement)
organic emissions to air]	Mass	4,26E-10	kg	(No statement)
Hexaflourosilicates [Air]	Mass	5,40E-08	•	(No statement)
Hexaflourosilicates [Sweet-]	Mass	9,71E-08	•	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	6,88E-05	•	(Literature)
Highly radioactive waste [Radioactive waste]	Mass	1,65E-05	•	(Calculated)
Highly-active fission product solution [Radioactive waste]	Mass	1,22E-07	•	(Estimated)
Housing (E-Paper) [Flows]	Mass	7,39E-06	•	(No statement)
Hydrocarbons (unspecified) [Hydrocarbons to fresh		.,		(110 0101011)
water]	Mass	1,05E-05	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	1,03E-05	kg	(No statement)
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	7,94E-06	kg	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic				
emissions to air]	Mass	2,68E-08	kg	(No statement)
Hydrocarbons, halogenated [Halogenated organic			1	
emissions to air]	Mass	5,97E-09	•	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	3,26E+03	•	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	1,08E+05	•	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	1,99E+05	•	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	9,66E-05	•	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	1,70E-09	•	Measured
Hydrogen chloride [Inorganic emissions to air] Hydrogen chloride [Inorganic emissions to fresh water]	Mass	1,64E-03	kg ka	(Literature) Estimated
Hydrogen cyanide (prussic acid) [Inorganic emissions to	Mass	3,78E-12	kg	Estimated
air]	Mass	1,15E-07	kg	(Calculated)
Hydrogen fluoride (hydrofluoric acid) [Inorganic	made	1,102 01	ng	(Calculator)
emissions to fresh water]	Mass	5,51E-09	kg	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	4,23E-04	kg	(Literature)
Hydrogen peroxide [Sweet-]	Mass	2,04E-09	kg	(No statement)
Hydrogen sulphide [Fresh water]	Mass	6,07E-06	kg	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	2,17E-04	kg	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	1,59E-07	kg	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	1,78E-05	kg	Estimated
Hypochlorite [Inorganic emissions to fresh water]	Mass	6,69E-06	kg	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	7,53E-06	kg	(No statement)
Iliad Module (E-Paper) [Flows]	Mass	1,45E-11	kg	(No statement)
Incineration good [Waste for disposal]	Mass	2,79E-04	kg	Literature
Industrial waste for municipal disposal [Consumer waste]	Mass	2,88E-02	kg	(Literature)
inert chemical waste [Consumer waste]	Mass	4,78E-04	kg	(Literature)
Inert gases [Radioactive emissions to air]	Activity	4,95E+06	Bq	(No statement)
Inorganic salts and acids (unspecified) [Inorganic				
emissions to fresh water]	Mass	-1,14E-07	•	Literature
lodide [Fresh water]	Mass	5,87E-12	•	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	3,32E-06	kg	(No statement)

Flow Outputs	0	A	11	Oninin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data
lodide [Inorganic emissions to sea water]	Mass	1,36E-06	•	(No statement)
Iodine (I129) [Radioactive emissions to air]	Activity	6,40E-01 8,51E+00	Bq	
lodine (I129) [Radioactive emissions to fresh water] lodine (I131) [Radioactive emissions to air]	Activity Activity	2,62E+01	•	(Estimated) (Literature)
lodine (1131) [Radioactive emissions to all]	Activity	2,02L+01 2,56E-02	•	(Literature)
lodine (1133) [Radioactive emissions to hesh water]	Activity	2,30L-02 3,94E-04	•	(No statement)
lodine (1133) [Radioactive emissions to all]	Activity	5,38E-04	•	(No statement)
lodine [Inorganic emissions to air]	Mass	5,30E-04 6,02E-06	•	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	1,48E-04	•	(No statement)
Iron [Fresh water]	Mass	8,36E-03	kg	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	4,30E-05	kg	(No statement)
Iron [Heavy metals to air]	Mass	5,62E-06	kg	(Literature)
Iron [Heavy metals to fresh water]	Mass	9,30E-03	kg	(Literature)
Iron [Heavy metals to industrial soil]	Mass	1,33E-04	0	(No statement)
Iron [Heavy metals to sea water]	Mass	7,39E-07	kg	(No statement)
Isocyanide acid [Air]	Mass	2,17E-06	kg	(No statement)
Jacket and body material [Radioactive waste]	Mass	1,60E-08	kg	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	2,20E+06	-	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	1,17E+01	•	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	3,57E+00	•	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	3,36E+00	•	(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	7,57E-01	Bq	(No statement)
Lanthanides [Heavy metals to air]	Mass	2,75E-09		(Estimated)
Lanthanum (La140) [Radioactive emissions to fresh	Mass	2,702 00	Ng	(Estimated)
water]	Activity	9,13E-04	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	2,82E-05	•	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	2,30E+00	•	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	1,13E+00	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	5,33E-02	Bq	(No statement)
Lead [Fresh water]	Mass	1,01E-05	kg	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	6,38E-08	kg	(No statement)
Lead [Heavy metals to air]	Mass	1,34E-05	kg	(Literature)
Lead [Heavy metals to fresh water]	Mass	1,78E-05	kg	(Literature)
Lead [Heavy metals to industrial soil]	Mass	4,85E-06	kg	Measured
Lead [Heavy metals to sea water]	Mass	1,41E-07	kg	(No statement)
Linuron [Pesticides to agricultural soil]	Mass	4,14E-09	kg	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	2,71E-06	kg	(Estimated)
Liquid waste [Consumer waste]	Mass	2,16E+04	kg	(Calculated)
Magnesium [Fresh water]	Mass	7,14E-03	kg	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	4,72E-04	kg	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	7,49E-05	kg	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	1,50E-09	kg	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	1,69E-08	kg	(No statement)
Manganese (Mn54) [Radioactive emissions to air]	Activity	2,62E-06	Bq	(No statement)
Manganese (Mn54) [Radioactive emissions to fresh		· -	_	
water]	Activity	2,01E+00		(Literature)
Manganese [Fresh water]	Mass	1,29E-04		(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	1,49E-05	kg	(No statement)
Manganese [Heavy metals to air]	Mass	3,70E-06		(Calculated)
Manganese [Heavy metals to fresh water]	Mass	2,38E-05		(Literature)
Manganese [Heavy metals to industrial soil]	Mass	9,54E-07		(No statement)
Manganese [Heavy metals to sea water]	Mass	6,00E-07	kg	(No statement)
Medium and low radioactive liquid waste [Radioactive	Mass	1,70E-07	kg	(Estimated)

Flow - Outputs waste]	Quantity	Amount	Unit	Origin of data
Medium and low radioactive wastes [Radioactive waste]	Mass	1,96E-05	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	4,31E-10	kg	(Literature)
Mercury [Fresh water]	Mass	4,41E-08	kg	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	3,52E-10		(No statement)
Mercury [Heavy metals to air]	Mass	6,64E-07	kg	(Literature)
Mercury [Heavy metals to fresh water]	Mass	6,99E-08	kg	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	2,74E-08	kg	Measured
Mercury [Heavy metals to sea water]	Mass	9,81E-10	kg	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	5,24E-04	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh				
water]	Mass	2,77E-05	kg	(Calculated)
Metaldehyde [Organic emissions to agricultural soil]	Mass	2,38E-11	kg	(No statement)
Metals (unspecified) [Inorganic emissions to fresh water]	Mass	1,35E-15	•	Literature
Metals (unspecified) [Particles to air]	Mass	-3,03E-08		(Estimated)
Metals (unspecified) [Particles to fresh water]	Mass	1,10E-06	kg	(Literature)
Methacrylate [Group NMVOC to air]	Mass	1,50E-07		Calculated
Methane (biotic) [Air]	Mass	8,06E-05	kg	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	4,60E-02		(Literature)
Methanol [Group NMVOC to air]	Mass	1,61E-05	kg	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	3,78E-05	•	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	9,07E-07		(No statement)
Methanol [Organic intermediate products]	Mass	8,06E-10	kg	Literature
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	4,13E-06		Calculated
Methyl tert-butylether [Group NMVOC to air]	Mass	2,68E-09	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	4,15E-11	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	8,84E-08	kg	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	2,99E-08	kg	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	5,96E-10	kg	(No statement)
Mineral waste [Consumer waste] Molybdenum (Mo99) [Radioactive emissions to fresh water]	Mass Activity	7,23E-07 3,15E-04	Ū	(Estimated) (No statement)
Molybdenum [Fresh water]	Mass	2,27E-07	•	(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	3,67E-09	•	(No statement)
Molybdenum [Heavy metals to air]	Mass	3,01E-07	•	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	1,39E-05	•	(Estimated)
Molybdenum [Heavy metals to sea water]	Mass	2,79E-09	•	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	4,07E-08	-	(No statement)
Municipal waste [Consumer waste]	Mass	6,53E-04	•	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	4,21E-11	kg	(No statement)
Neutral salts [Inorganic emissions to fresh water]	Mass	-5,49E-07	0	Calculated
Nickel [Fresh water]	Mass	1,21E-04	0	(No statement)
Nickel [Heavy metals to agricultural soil]	Mass	4,71E-08	•	(No statement)
Nickel [Heavy metals to air]	Mass	1,51E-05	•	(Literature)
Nickel [Heavy metals to fresh water]	Mass	2,82E-06	•	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	2,91E-09	kg	(No statement)
Nickel [Heavy metals to sea water]	Mass	1,05E-08	kg	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	1,23E-02	Bq	(No statement)
Nitrate [Fresh water]	Mass	6,18E-05	•	(No statement)
Nitrate [Inorganic emissions to air]	Mass	2,36E-08	kg	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	4,33E-04	kg	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass	6,48E-05	kg	(No statement)
Nitrite [Fresh water]	Mass	7,72E-08	kg	(No statement)

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	Ourontitur	A	11	Origin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Nitrite [Inorganic emissions to fresh water]	Mass Mass	3,28E-06 1,30E-06	•	(No statement) (No statement)
Nitrite [Inorganic emissions to sea water] Nitrogen [Inorganic emissions to fresh water]	Mass	1,68E-04	0	(Estimated)
Nitrogen [Inorganic emissions to resh water]	Mass	2,24E-07	•	(No statement)
Nitrogen organic bounded [Fresh water]	Mass	2,24E-07 2,31E-06	0	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh	10035	2,512-00	ĸġ	
water]	Mass	6,11E-06	ka	Literature
Nitrogen organic bounded [Inorganic emissions to sea		,	0	
water]	Mass	4,79E-06	kg	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	5,41E-02	kg	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	9,05E-04	kg	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	5,83E-03	kg	(Literature)
non used primary energy from water power [Other	Energy	4.075.00		
emissions to fresh water]	ren.	1,07E+00	MJ	(Calculated)
non used primary energy from wind power [Other emissions to air]	Energy ren.	6,23E-02	мт	(Measured)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	2,38E-03		(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	2,30E-03 6,43E-04	•	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	2,90E-03	•	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	2,90E-03 1,40E-05	•	Measured
Orbencarb [Pesticides to agricultural soil]	Mass	3,21E-09	•	
Organic chlorine compounds (unspecified) [Organic	Mass	3,210-09	kg	(No statement)
emissions to fresh water]	Mass	4,31E-10	ka	(Literature)
Organic chlorine compounds [Organic emissions to air	made	1,012 10	Ng	(Entertation)
(group VOC)]	Mass	4,31E-10	kg	(Literature)
Organic compounds (dissolved) [Organic emissions to			•	
fresh water]	Mass	1,22E-07	kg	Calculated
Organic compounds (unspecified) [Organic emissions to		4 005 44		
fresh water]	Mass	1,08E-14	•	Literature
Organic waste [Consumer waste]	Mass	3,28E-09	•	Literature
Overburden [Stockpile goods]	Mass	3,54E+00	•	(Calculated)
Ozone [Inorganic emissions to air]	Mass	1,75E-04	кg	(No statement)
Pentachlorobenzene [Halogenated organic emissions to air]	Mass	3,29E-10	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic	101833	5,292-10	ĸġ	(NO Statement)
emissions to air]	Mass	1,81E-07	kg	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	1,58E-04	-	(Literature)
	Number of		0	(, ,
Personal computer [Flows]	pieces	1,31E-16	pcs.	(No statement)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	9,05E-08	kg	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	4,04E-06	kg	(Estimated)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	1,74E-06	kg	(No statement)
Phosphate [Fresh water]	Mass	2,32E-04	kg	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	2,03E-05	kg	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	8,99E-07	kg	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	7,28E-06	kg	(No statement)
Phosphorus [Inorganic emissions to air]	Mass	1,78E-06	kg	(No statement)
Phosphorus [Inorganic emissions to fresh water]	Mass	6,49E-07	kg	(No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	1,19E-06	kg	(No statement)
Phosphorus [Inorganic emissions to sea water]	Mass	1,33E-07	kg	(No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	2,58E-11	kg	(No statement)
Plastic (unspecified) [Waste for recovery]	Mass	1,86E-04	kg	(Literature)
Platinum [Heavy metals to air]	Mass	1,89E-13	kg	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	7,78E-04	Bq	(Estimated)
Plutonium (Pu alpha) [Radioactive emissions to fresh	Activity	2,47E-01	Bq	(Estimated)

Flow - Outputs water]	Quantity	Amount	Unit	Origin of data
Plutonium (Pu238) [Radioactive emissions to air]	Activity	7,03E-08	Bq	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	3,38E-08	kg	(Calculated)
Polonium (Po210) [Radioactive emissions to air]	Activity	4,02E+00	Βq	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	1,13E+00	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to sea water]	Activity	8,13E-02	•	(No statement)
Polychlorinated biphenyls (PCB unspecified)			•	(, , , , , , , , , , , , , , , , , , ,
[Halogenated organic emissions to air]	Mass	5,39E-10	kg	(No statement)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)			_	
[Halogenated organic emissions to air]	Mass	1,14E-11	kg	(Literature)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD) [Halogenated organic emissions to fresh water]	Mass	1,81E-20	ka	Estimated
Polycyclic aromatic hydrocarbons (PAH) [Group PAH to	11/1855	1,012-20	kg	LSIIIIaleu
air]	Mass	1,19E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)		,	5	(
[Hydrocarbons to fresh water]	Mass	1,78E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)				
[Hydrocarbons to sea water]	Mass	1,08E-07	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	7,16E-06	kg	(No statement)
Potassium (K40) [Radioactive emissions to air]	Activity	4,88E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	1,42E+00	•	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	6,44E-03		(No statement)
Potassium [Fresh water]	Mass	1,28E-03	kg	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	1,12E-03	kg	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	5,77E-05	kg	(No statement)
Propane [Group NMVOC to air] Propanol (iso-propanol; isopropanol) [Group NMVOC to	Mass	3,70E-04	kg	(Literature)
air]	Mass	8,51E-05	kg	Estimated
Propene (propylene) [Group NMVOC to air]	Mass	7,07E-06	kg	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	1,50E-07	•	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	1,01E-10	kg	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	9,36E-07	0	(Literature)
Propylene oxide [Group NMVOC to air]	Mass	5,03E-09	kg	(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	1,21E-08	0	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air]	Activity	7,01E-02	•	(No statement)
Protactinium (Pa234m) [Radioactive emissions to fresh	,		•	()
water]	Activity	1,30E+00	Bq	(No statement)
R 11 (trichlorofluoromethane) [Halogenated organic		0 505 07		
emissions to air]	Mass	3,58E-07	kg	(Estimated)
R 113 (trichlorofluoroethane) [Halogenated organic emissions to air]	Mass	0,00E+00	ka	(No statement)
R 114 (dichlorotetrafluoroethane) [Halogenated organic	INICOS	0,002100	ĸġ	
emissions to air]	Mass	4,87E-07	kg	(Estimated)
R 116 (hexafluoroethane) [Halogenated organic		,	5	(,
emissions to air]	Mass	1,40E-07	kg	Calculated
R 12 (dichlorodifluoromethane) [Halogenated organic				(—
emissions to air]	Mass	7,72E-08	kg	(Estimated)
R 124 (chlorotetrafluoroethane) [Halogenated organic emissions to air]	Mass	0,00E+00	ka	(No statement)
R 13 (chlorotrifluoromethane) [Halogenated organic	IVIA55	0,002+00	ĸġ	(NO Statement)
emissions to air]	Mass	4,83E-08	ka	(Estimated)
R 134a (tetrafluoroethane) [Halogenated organic		,	5	(,
emissions to air]	Mass	9,39E-08	kg	(No statement)
R 21 (Dichlorofluoromethane) [Halogenated organic		- - -		
emissions to air]	Mass	7,64E-15	•	(No statement)
R 22 (chlorodifluoromethane) [Halogenated organic	Mass	4,48E-07	кд	(Estimated)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
emissions to air]				
R 23 (trifluoromethane) [Halogenated organic emissions to air]	Mass	2,43E-12	kg	(No statement)
Radioactive emissions (general) [Radioactive emissions to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	1,26E-01	Bq	Literature
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	1,05E+00	Bq	(No statement)
to fresh water]	Activity	5,02E+02	Bq	(No statement)
Radioactive tailings [Radioactive waste]	Mass	1,98E-03	•	(Calculated)
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	1,36E+00	•	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	6,80E-01	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	2,85E+00	•	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	1,77E+03	•	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	1,15E+00	•	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	1,96E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	2,71E+00	•	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	1,36E+00	•	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	3,16E-04	•	(No statement)
Radon (Rn222) [Air]	Activity	9,09E+06	•	(No statement)
Radon (Rn222) [Radioactive emissions to air]	Activity	2,48E+05	•	(Literature)
Red mud (wet) (3% NaOH) [Hazardous waste for	,,	_,	- 1	()
disposal]	Mass	2,27E-03	kg	Measured
Residues for incineration [Waste for disposal]	Mass	2,92E-06	kg	(No statement)
Rolling tinder [Waste for recovery]	Mass	1,50E-03	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	4,58E-07	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air]	Activity	6,84E-08	Bq	(No statement)
Ruthenium (Ru103) [Radioactive emissions to fresh water]	Activity	6,64E-05	Bq	(No statement)
Ruthenium (Ru106) [Radioactive emissions to fresh				
water]	Activity	5,74E-02	Bq	Calculated
Scandium [Fresh water]	Mass	2,43E-06	kg	(No statement)
Scandium [Inorganic emissions to air]	Mass	1,78E-09	kg	(Estimated)
Scandium [Inorganic emissions to fresh water]	Mass	5,84E-07	•	(No statement)
Selenium [Fresh water]	Mass	1,76E-06	•	(No statement)
Selenium [Heavy metals to air]	Mass	3,09E-06	0	(Literature)
Selenium [Heavy metals to fresh water]	Mass	1,77E-06	0	(Literature)
Selenium [Heavy metals to sea water]	Mass	4,18E-09	kg	(No statement)
Sewage sludge (waste water processing) [Hazardous waste]	Mass	6,50E-04	ka	Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	0,30⊑-04 1,41E-10	•	(No statement)
Silicon dioxide (silica) [Particles to air]	Mass	0,00E+00	•	Estimated
Silicon dioxide (silica) [Particles to fresh water]	Mass	0,00E+00	•	Estimated
Silver (Ag110m) [Radioactive emissions to air]	Activity	6,78E-07	•	(No statement)
Silver (Ag110m) [Radioactive emissions to an] Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	0,70E-07 7,31E-01	•	(Literature)
Silver [Fresh water]	Mass	1,51E-09	-	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	3,32E-11		(No statement)
Silver [Heavy metals to air]	Mass	7,53E-12	0	(No statement)
Silver [Heavy metals to fresh water]	Mass	3,51E-08	-	(Literature)
Silver [Heavy metals to sea water]	Mass	8,16E-09	-	(No statement)
Slog (Iron plate production) [Waste for recovery]	Mass	1,52E-09	•	(Measured)
Slag (Mo-containing) [Waste for recovery]	Mass	8,42E-02	•	Estimated
Slag [Hazardous waste]	Mass	0,42E-08 1,53E-03	•	(Literature)
Slag [Waste for recovery]	Mass	2,74E-03	•	(Literature)
City [Waste for recovery]	1111233	2,140-00	Ng	

Flow - Outputs Sludge [Hazardous waste]	Quantity Mass	Amount 1,01E-02	Unit kg	Origin of data (Calculated)
Sludge from water works (6% dry matter-content) [Waste			_	
for disposal]	Mass	4,26E-08	kg	(No statement)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	2,38E-03	Bq	(No statement)
Sodium [Fresh water]	Mass	1,06E-03	•	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	4,86E-02		(Literature)
Sodium [Inorganic emissions to sea water]	Mass	4,16E-03	kg	(No statement)
Sodium chlorate [high population density]	Mass	7,82E-09	kg	(No statement)
Sodium chloride (rock salt) [Inorganic intermediate	Maga		ka	Coloulated
products]	Mass Mass	5,49E-05	kg ka	Calculated (No statement)
Sodium dichromate [high population density]		4,90E-08	kg ka	· /
Sodium formate [high population density]	Mass	8,62E-11	kg ka	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass Mass	2,07E-10 1,53E-07	kg ka	(No statement) (Estimated)
Sodium hypochlorite [Inorganic emissions to fresh water] Solder paste waste [Hazardous waste for recovery]	Mass	6,94E-05	kg ka	Estimated
			kg ka	
Solids (dissolved) [Analytical measures to fresh water]	Mass	1,81E-02	kg ka	(Literature)
Solids (suspended) [Fresh water]	Mass	9,03E-02	kg ka	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	5,24E-03	kg ka	(Estimated)
Solids (suspended) [Particles to sea water] Spoil [Stockpile goods]	Mass	1,95E-03	kg ka	(No statement)
	Mass	5,00E-10	kg ka	Calculated
Steam [Inorganic emissions to air]	Mass	6,49E+00	kg ka	(Estimated)
Steel works slag [Waste for recovery]	Mass	7,85E-03	kg Pa	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	1,42E-02	Bq D~	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	7,15E+02	Bq D~	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	1,07E+01	Bq	(No statement)
Strontium [Fresh water]	Mass	1,96E-04	kg ka	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	1,29E-09	kg ka	(No statement)
Strontium [Heavy metals to fresh water] Strontium [Heavy metals to industrial soil]	Mass Mass	1,86E-04 2,38E-07	kg ka	(Literature) (No statement)
	Mass	2,38L-07 8,18E-05	kg ka	(No statement)
Strontium [Heavy metals to sea water] Strontium [Inorganic emissions to air]	Mass	1,88E-06	kg ka	(Estimated)
Stronium [morganic emissions to air]	Mass	2,30E-09		(No statement)
Suppate [Fresh water]	Mass	2,30E-09 4,14E-02	kg ka	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	4,14Ľ-02 5,31E-02	kg kg	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	1,36E-04	kg	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	1,09E-04	0	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	1,34E-07		(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	3,80E-05	kg	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	9,85E-06	-	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	7,46E-06	0	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass	1,43E-05	•	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	7,37E-07	kg	(No statement)
Sulphur dioxide [Inorganic emissions to air]	Mass	1,23E-01	kg	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass	3,33E-06	-	(Literature)
Sulphuric acid [Inorganic emissions to air]	Mass	2,52E-07	kg	(Calculated)
Tailings [Stockpile goods]	Mass	1,02E+00	kg	(Literature)
Tebutam [Pesticides to agricultural soil]	Mass	9,97E-11	kg	(No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	Made	0,072 11	Ng	
water]	Activity	7,31E-03	Bq	(No statement)
Teflubenzuron [Pesticides to agricultural soil]	Mass	3,97E-11	kg	(No statement)
Tellurium (Te123m) [Radioactive emissions to fresh		-	÷	. ,
water]	Activity	1,55E-02	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water]	Activity	1,82E-05	•	(No statement)
Tetrafluoromethane [Halogenated organic emissions to	Mass	1,33E-06	kg	Measured

Flow - Outputs air]	Quantity	Amount	Unit	Origin of data
Thallium [Fresh water]	Mass	1,95E-07	kg	(No statement)
Thallium [Heavy metals to air]	Mass	9,22E-09	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	7,38E-08	kg	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	9,64E-02	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	5,43E+00	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	2,72E+00	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	6,94E+01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	1,77E+02	•	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	1,50E-01	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	2,64E-01	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	7,02E-02	•	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	1,30E+00	Bq	(No statement)
Tin [Fresh water]	Mass	2,11E-05		(No statement)
Tin [Heavy metals to agricultural soil]	Mass	3,88E-09	kg	(No statement)
Tin [Heavy metals to air]	Mass	7,34E-07	kg	(Calculated)
Tin [Heavy metals to fresh water]	Mass	8,66E-08	kg	(Literature)
Titanium [Heavy metals to agricultural soil]	Mass	1,02E-06	kg	(No statement)
Titanium [Heavy metals to air]	Mass	8,02E-07	kg	(Estimated)
Titanium [Heavy metals to fresh water]	Mass	2,55E-06	kg	(Literature)
Titanium [Heavy metals to sea water]	Mass	2,45E-09	kg	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	3,76E-05	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	4,42E-06	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	1,93E-06	kg	(No statement)
Top Cover (E-Paper) [Flows]	Mass	3,86E-01	kg	(No statement)
Total dissolved organic bounded carbon [Analytical		0,002 01	g	(
measures to fresh water]	Mass	2,52E-03	kg	(Estimated)
Total dissolved organic bounded carbon [Analytical			-	
measures to sea water]	Mass	6,50E-04	kg	(No statement)
Total organic bounded carbon [Analytical measures to		4.405.00		(1)
fresh water]	Mass	4,10E-03	kg	(Measured)
Total organic bounded carbon [Analytical measures to sea water]	Mass	6,50E-04	kg	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	1,39E-03	kg	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	2,04E-03	kg	(Calculated)
Tributyltinoxide [Pesticides to sea water]	Mass	2,04E-03	0	(No statement)
Trichloromethane (chloroform) [Halogenated organic	10033	2,2407	ĸġ	
emissions to air]	Mass	5,36E-09	ka	(No statement)
Trichloromethane (chloroform) [Halogenated organic		-,	5	(
emissions to fresh water]	Mass	7,64E-15	kg	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	7,36E-07	kg	(No statement)
Tungsten [Fresh water]	Mass	1,97E-06	kg	(No statement)
Tungsten [Heavy metals to fresh water]	Mass	1,21E-06	kg	(No statement)
Uranium (total) [Radioactive emissions to air]	Activity	3,94E+00	Bq	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	9,55E-01	Bq	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	1,56E+00	Bq	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	4,63E-02	Bq	(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	2,57E+00	Bq	(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	2,30E+00	Bq	(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	4,48E+00	Bq	(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	2,73E-02		(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	9,25E+01	Bq	(Literature)
Uranium depleted [Radioactive waste]	Mass	3,90E-05	kg	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	1,72E-09	-	(Calculated)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Used air [Other emissions to air]	Mass	2,27E+00	•	(Measured)
Used oil [Hazardous waste for recovery]	Mass	3,53E-12		(Literature)
Vanadium [Fresh water]	Mass	3,47E-05	kg	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	2,93E-08	kg	(No statement)
Vanadium [Heavy metals to air]	Mass	2,81E-05	kg	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	3,92E-06	kg	(Literature)
Vanadium [Heavy metals to sea water]	Mass	8,34E-09	kg	(No statement)
Waste (unspecified) [Consumer waste]	Mass	3,71E-03	kg	(Calculated)
Waste heat [Fresh water]	Energy	2,73E-02		(No statement)
Waste heat [Other emissions to air]	Energy	2,81E+02		(Measured)
Waste heat [Other emissions to fresh water]	Energy	1,81E+01		(Measured)
Waste paper [Waste for recovery]	Mass	3,40E-06		Measured
Waste radioactive [Radioactive waste]	Mass	3,29E-05	kg	(Literature)
Waste water [Other emissions to fresh water] Waste water processing residue [Hazardous waste for	Mass	1,28E+04	kg	(Literature)
recovery]	Mass	1,12E-01	kg	Literature
Wave solder dross [Hazardous waste for recovery]	Mass	2,72E-04	kg	Estimated
Vinyl chloride (VCM; chloroethene) [Halogenated organic	Mass	2,720 04	Ng	Estimated
emissions to air]	Mass	3,18E-07	kg	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic		-,	5	
emissions to fresh water]	Mass	1,05E-09	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group				
VOC)]	Mass	3,16E-04	kg	(Literature)
VOC [Organic emissions to fresh water]	Mass	1,28E-05	kg	(No statement)
VOC [Organic emissions to sea water]	Mass	4,76E-06	kg	(No statement)
Volatile fission products (inert gases;iodine;C14)				
[Radioactive waste]	Mass	1,26E-09	kg	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	1,85E+01	Bq	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	8,93E+02	•	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	6,10E+00	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	3,47E+02	•	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	1,52E+02	•	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	2,11E+00	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	2,64E+01	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	2,58E-04	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to fresh water]	Mass	1,28E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to	Mass	1,202-00	ĸġ	(Enclature)
sea water]	Mass	1,61E-06	ka	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group		,	5	(
NMVOC to air]	Mass	6,68E-07	kg	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	1,31E-05	-	(No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	3,23E-02	Bq	(No statement)
Zinc [Fresh water]	Mass	4,25E-05	kg	(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	3,17E-06	kg	(No statement)
Zinc [Heavy metals to air]	Mass	2,72E-05		(Literature)
Zinc [Heavy metals to fresh water]	Mass	1,53E-05	kg	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	7,18E-06		Measured
Zinc [Heavy metals to sea water]	Mass	2,73E-05		(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	3,59E-08	•	Measured
Zirconium (Zr) [Air]	Mass	1,18E-10		(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	1,28E-05		(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	3,74E-04	•	(No statement)
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Appendix 2.7 LCI Data - Web based newspaper 30 minutes reading, Swedish scenario

In the tables below the LCI data for the studied system "Web based newspaper 30 minutes reading, Swedish scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Air [Operating materials]	Mass	1,07E-16	kg	Estimated
Air [Renewable resources]	Mass	3,67E+01	kg	(Calculated)
Aluminum [Non renewable elements]	Mass	3,28E-03	kg	(No statement)
Antimonite [Non renewable resources]	Mass	4,40E-11	kg	(No statement)
Barium sulphate [Non renewable resources]	Mass	1,42E-03	kg	(No statement)
Basalt [Non renewable resources]	Mass	2,47E-04	kg	(No statement)
Bauxite [Non renewable resources]	Mass	3,16E-02	-	Calculated
Bentonite [Non renewable resources]	Mass	1,36E-03		(Literature)
Borax [Non renewable resources]	Mass	1,11E-07	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	2,34E-11	kg	Literature
Carbon dioxide [Renewable resources]	Mass	3,12E+00	kg	Calculated
Catalyst [Operating materials]	Mass	9,83E-07	kg	Calculated
Chromium [Non renewable elements]	Mass	6,40E-04	kg	(No statement)
Chrysotile [Non renewable resources]	Mass	5,34E-08	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	5,77E-09	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	1,14E-08	kg	Calculated
Clay [Non renewable resources]	Mass	3,62E-02	kg	(No statement)
Cobalt [Non renewable elements]	Mass	9,72E-10	kg	(No statement)
Colemanite ore [Non renewable resources]	Mass	5,67E-04	kg	Calculated
Cooling water [Operating materials]	Mass	1,73E+01	kg	(Measured)
Copper [Non renewable elements]	Mass	1,95E-03	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	7,67E+00	kg	Measured
Copper ore (0.3%) [Non renewable resources]	Mass	3,12E-08	kg	Estimated
Crude oil [Crude oil (resource)]	Mass	2,19E-01	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	9,58E-03	kg	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	3,69E-03	kg	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	2,25E-05	kg	Literature
Crude oil Australia [Crude oil (resource)]	Mass	8,62E-04	kg	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	4,87E-04	kg	Literature
Crude oil Cameroon [Crude oil (resource)]	Mass	1,50E-03	-	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	1,28E-02	kg	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	1,30E-04	kg	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	7,96E-05	-	(Calculated)
Crude oil China [Crude oil (resource)]	Mass	6,54E-02	-	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	4,04E-02	•	(Literature)
Crude oil Colombia [Crude oil (resource)]	Mass	4,95E-06	•	(Literature)
Crude oil Denmark [Crude oil (resource)]	Mass	1,49E-04	•	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	4,28E-03		(Estimated)
Crude oil France [Crude oil (resource)]	Mass	1,20E-04	-	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	-1,67E-05	-	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	2,01E-04	kg	(Estimated)
Crude oil Germany [Crude oil (resource)]	Mass	4,10E-03	kg	(Literature)
Crude oil Indonesia [Crude oil (resource)]	Mass	2,46E-04		(Estimated)
Crude oil Iran [Crude oil (resource)]	Mass	1,94E-02	kg	(Estimated)

Flow - InputsCuantityAmountUnitOrigin of dateCrude oil (taby [Crude oil (resource)]Mass4,38E-03 kg(Literature)Crude oil (hexio (Crude oil (resource)]Mass1,81E-03 kg(Estimated)Crude oil Mexico [Crude oil (resource)]Mass3,42E-04 kg(Claterature)Crude oil Mexico [Crude oil (resource)]Mass3,42E-04 kg(Claterature)Crude oil Mexico [Crude oil (resource)]Mass3,42E-04 kg(Claterature)Crude oil Meriantado [Crude oil (resource)]Mass3,00E-05 kg(Estimated)Crude oil Norway [Crude oil (resource)]Mass3,48E-03 kg(Estimated)Crude oil Norway [Crude oil (resource)]Mass3,48E-03 kg(Estimated)Crude oil Catar [Crude oil (resource)]Mass3,48E-03 kg(Estimated)Crude oil Catar [Crude oil (resource)]Mass1,98E-04 kg(Literature)Crude oil Catar [Crude oil (resource)]Mass1,98E-04 kg(Literature)Crude oil United Arab Enricas [Crude oil (resource)]Mass1,48E-04 kg <t< th=""><th></th><th>Quantity</th><th>Amount</th><th>Unit</th><th>Origin of data</th></t<>		Quantity	Amount	Unit	Origin of data
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Crude oil Libya [Crude oil (resource)] Mass 3.83E-02 Kg (Literature) Crude oil Middle East [Crude oil (resource)] Mass 1.41E-03 Kg (Calculated) Crude oil Netherlands [Crude oil (resource)] Mass 3.42E-04 Kg (Calculated) Crude oil New Zealand [Crude oil (resource)] Mass 3.00E-05 Kg (Estimated) Crude oil North Africa [Crude oil (resource)] Mass 3.36E-02 Kg (Estimated) Crude oil North Africa [Crude oil (resource)] Mass 3.36E-02 Kg (Estimated) Crude oil Crude oil (resource)] Mass 3.36E-02 Kg (Estimated) Crude oil Crude oil (resource)] Mass 1.98E-04 Kg (Estimated) Crude oil United Arab Ernitates [Crude oil (resource)] Mass 1.28E-04 Kg (Literature) Crude oil United Arab Ernitates [Crude oil (resource)] Mass 3.18E-02 Kg (Literature) Crude oil United Kingdom [Crude oil (resource)] Mass 3.14E-04 Kg (Literature) Crude oil Venezuela [Crude oil (resource)] Mass 3.14E-04 Kg (Literature) C				-	,
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Crude oil Nigeria [Crude oil (resource)] Mass 9,88E-03 kg (Estimated) Crude oil North Africa [Crude oil (resource)] Mass 3,30E-02 kg (Literature) Crude oil Oman [Crude oil (resource)] Mass 3,30E-02 kg (Literature) Crude oil Qatar [Crude oil (resource)] Mass 9,99E-05 kg (Estimated) Crude oil Qatar [Crude oil (resource)] Mass 1,99E-04 kg (Literature) Crude oil United Arab Emirates [Crude oil (resource)] Mass 1,28E-04 kg (Literature) Crude oil United Kingdom [Crude oil (resource)] Mass 1,28E-04 kg (Literature) Crude oil United Kingdom [Crude oil (resource)] Mass 1,28E-04 kg (Literature) Diatomite [Non renewable resources] Mass 4,24E-10 kg (No statement) Dolomite [Non renewable resources] Mass 3,06E-04 kg (No statement) Floorine [Non renewable resources] Mass 2,97E-07 kg (No statement) Floorine [Non renewable resource] Mass 1,57E+00 kg (Calculated) Granite [Non renewable resourc					· · · ·
Crude oil North Africa [Crude oil (resource)]Mass2,48E-04Kg(Calculated)Crude oil Oman [Crude oil (resource)]Mass3,30E-02Kg(Estimated)Crude oil Oman [Crude oil (resource)]Mass3,98E-05Kg(Estimated)Crude oil Crude oil (resource)]Mass2,89E-02Kg(Estimated)Crude oil United Arab Emirates [Crude oil (resource)]Mass1,98E-04Kg(Literature)Crude oil United Kingdom [Crude oil (resource)]Mass1,28E-04Kg(Literature)Crude oil United Kingdom [Crude oil (resource)]Mass1,40E-04Kg(Literature)Crude oil United Kingdom [Crude oil (resource)]Mass1,40E-04Kg(Literature)Crude oil Venezuela [Crude oil (resource)]Mass1,33E-04Kg(Literature)Diatomite [Non renewable resources]Mass1,34E-03Kg(Literature)Diatomite [Non renewable resources]Mass3,00E-06Kg(No statement)Fluorine [Non renewable elements]Mass3,00E-06Kg(No statement)Fluorine [Non renewable resources]Mass2,97E-07Kg(No statement)Fluoraper (Non renewable resources]Mass1,51E+00Kg(Calculated)Hard coal (resource)]Mass1,51E+00Kg(Calculated)Hard coal [resource)]Mass1,71E+00Kg(Calculated)Hard coal (resource)]Mass1,71E+00Kg(Calculated)Hard coal (resource)]Mass1,7					· ,
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Diatomite [Non renewable resources]Mass4,24E-10kg(No statement)Dolomite [Non renewable resources]Mass1,93E-04kg(Literature)Energyren.3,46E+01MJ(No statement)Fluorine [Non renewable elements]Mass5,41E-11kg(No statement)Fluorine [Non renewable elements]Mass3,00E-06kg(No statement)Fluorspar (calcium fluoride; fluorite) [Non renewableMass2,90E-04kgCalculatedGranite [Non renewable resources]Mass2,97E-07kg(No statement)Gypsum (natural gypsum) [Non renewable resources]Mass1,51E+00kg(Literature)Hard coal Australia [Hard coal (resource)]Mass1,70E-02kg(Calculated)Hard coal Belgium [Hard coal (resource)]Mass1,07E-04kgCalculated)Hard coal China [Hard coal (resource)]Mass1,07E-02kg(Calculated)Hard coal Coal (resource)]Mass1,21E+00kg(Calculated)Hard coal China [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Colombia [Hard coal (resource)]Mass1,21E+03kg(Calculated)Hard coal Colombia [Hard coal (resource	Crude oil USA [Crude oil (resource)]	Mass	1,40E-04	kg	(Literature)
Dolomite [Non renewable resources]Mass Energy1,93E-04kg(Literature)Energy, calorific value, in organic substance [biotic] Feldspar (aluminum silicates) [Non renewable resources]Mass3,46E+01MJ(No statement)Fluorine [Non renewable elements] resources]Mass5,41E-11kg(No statement)Fluorspar (calcium fluoride; fluorite) [Non renewable resources]Mass4,90E-04kgCalculatedGynsum (natural gynsum) [Non renewable resources]Mass2,65E-07kg(No statement)Hard coal [Hard coal (resource)]Mass1,51E+00kg(Literature)Hard coal Beigium [Hard coal (resource)]Mass1,70E-02kg(Calculated)Hard coal Beigium [Hard coal (resource)]Mass1,70E-04kgEstimatedHard coal Canada [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Canada [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Canada [Hard coal (resource)]Mass1,41E-03kg(Calculated)Hard coal Canada [Hard coal (resource)]Mass1,41E-03kg(Calculated)Hard coal Canada [Hard coal (resource)]Mass1,41E-03kg(Calculated)Hard coal Cal Cale (resource)]Mass1,41E-02kg(Calculated)Hard coal Cal (resource)]Mass1,41E-02kg(Calculated)Hard coal Cal (resource)]Mass1,41E-02kg(Calculated)Hard coal Cal (resource)]Mass	Crude oil Venezuela [Crude oil (resource)]	Mass	8,49E-03	kg	(Literature)
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Energy, calorific value, in organic substance [biotic]ren.3,46E+01MJ(No statement)Feldspar (aluminum silicates) [Non renewable resources]Mass5,41E+11kg(No statement)Fluorine [Non renewable elements]Mass3,00E-06kg(No statement)Fluorspar (calcium fluoride; fluorite) [Non renewableMass4,90E-04kgCalculatedGranite [Non renewable resources]Mass2,67E-07kg(No statement)Gypsum (natural gypsum) [Non renewable resources]Mass1,51E+00kg(Literature)Hard coal [Hard coal (resource)]Mass1,70E-02kg(Calculated)Hard coal Belgium [Hard coal (resource)]Mass1,70E-02kg(Calculated)Hard coal Canada [Hard coal (resource)]Mass1,71E+00kg(Calculated)Hard coal Canada [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Colombia [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Colombia [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Cach Republic [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Germany [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Cal nesource)]Mass1,21E+00kg(Calculated)Hard coal Cach Republic [Hard coal (resource)]Mass1,21E+00kg(Calculated)Hard coal Germany [Hard coal (resource)]Mass1,21E+02	Dolomite [Non renewable resources]		1,93E-04	kg	(Literature)
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Heavy spar (barytes) [Non renewable resources]Mass3,80E-03kg(Literature)Inert rock [Non renewable resources]Mass1,02E+01kg(Literature)Iron [Non renewable elements]Mass2,54E-02kg(Estimated)Iron ore (65%) [Non renewable resources]Mass3,92E-04kg(Estimated)				-	· ,
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Iron ore (65%) [Non renewable resources] Mass 3,92E-04 kg (Estimated)				0	
				•	· ·
Iron ore [Non renewable resources] Mass 4,38E-01 kg (Calculated)					· ·
	Iron ore [Non renewable resources]	Mass	4,38E-01	kg	(Calculated)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Kaolin ore [Non renewable resources]	Mass	6,57E-03		Measured
Kaolinite (24% in ore as mined) [Non renewable		-,		
resources]	Mass	1,81E-05	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable				
resources]	Mass	1,36E-07	kg	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	2,80E-02	kg	Calculated
Lead [Non renewable elements]	Mass	1,68E-03	•	(No statement)
Lead ore [Non renewable resources]	Mass	5,28E-04	•	Estimated
Lignite [Lignite (resource)]	Mass	4,63E-02	•	(Estimated)
Lignite Australia [Lignite (resource)]	Mass	1,10E-04	•	Literature
Lignite Australia [Lignite (resource)]	Mass	1,09E-03	•	Literature
Lignite Austria [Lignite (resource)]	Mass	1,44E-06	•	(Estimated)
Lignite France [Lignite (resource)]	Mass	1,68E-06	•	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	1,24E-04	•	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	1,56E-02	U U	(Calculated)
Lignite Germany [Lignite (resource)]	Mass	5,84E-01	kg	(Literature)
Lignite Greece [Lignite (resource)]	Mass	2,64E-01	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	5,31E-02	•	(Literature)
Lignite USA [Lignite (resource)]	Mass	1,56E-04	kg	Literature
Limestone (calcium carbonate) [Non renewable resources]	Mass	2,29E-01	kg	(Literature)
Magnesit (Magnesium carbonate) [Non renewable	111222	2,292-01	ĸġ	(Literature)
resources]	Mass	2,93E-04	kg	(No statement)
Magnesium [Non renewable elements]	Mass	3,76E-08	•	(No statement)
Manganese [Non renewable elements]	Mass	9,22E-05	•	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	2,28E-03	•	Calculated
Molybdenite (Mo 0,24%) [Non renewable resources]	Mass	7,05E-05	•	Estimated
Molybdenum [Non renewable elements]	Mass	1,25E-04	kg	(No statement)
Natural Aggregate [Non renewable resources]	Mass	8,66E-01	kg	Calculated
Natural gas [Natural gas (resource)]	Mass	4,45E-01	kg	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	1,64E-02	-	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	2,99E-04	kg	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	7,38E-07	kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	3,43E-04	kg	(Estimated)
Natural gas Brazil [Natural gas (resource)]	Mass	1,22E-04	kg	(Estimated)
Natural gas Brunei [Natural gas (resource)]	Mass	1,27E-05	kg	Estimated
Natural gas Cameroon [Natural gas (resource)]	Mass	1,22E-04	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	3,23E-04	kg	(Literature)
Natural gas China [Natural gas (resource)]	Mass	3,71E-03	kg	(Calculated)
Natural gas CIS [Natural gas (resource)]	Mass	2,11E-01	kg	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	1,88E-07	kg	(Literature)
Natural gas Denmark [Natural gas (resource)]	Mass	5,68E-03	kg	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	3,47E-04	kg	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	5,22E-04	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	1,67E-05	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	1,12E-01	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	6,23E-05	•	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	7,27E-04	kg	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	8,89E-03	•	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	3,63E-06	•	Estimated
Natural gas Kuwait [Natural gas (resource)]	Mass	6,77E-05	•	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	3,71E-03	•	(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	1,80E-05	•	Estimated
Natural gas Mexico [Natural gas (resource)]	Mass	4,64E-05	kg	(Literature)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Natural gas Netherlands [Natural gas (resource)]	Mass	1,90E-01		(Estimated)
Natural gas New Zealand [Natural gas (resource)]	Mass	6,63E-07	-	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	8,01E-04	•	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	8,95E-02	•	(Estimated)
Natural gas Oman [Natural gas (resource)]	Mass	1,29E-04	-	(Estimated)
Natural gas Qatar [Natural gas (resource)]	Mass	3,73E-06	•	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	1,08E-03	•	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	1,59E-04	kg	(Estimated)
Natural gas Tunisia [Natural gas (resource)]	Mass	1,61E-05	kg	(Literature)
Natural gas United Arab Emirates [Natural gas				
(resource)]	Mass	1,39E-05	•	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	4,47E-03	•	(Literature)
Natural gas USA [Natural gas (resource)]	Mass	4,25E-04	•	(Estimated)
Natural gas Venezuela [Natural gas (resource)]	Mass	4,99E-04	•	(Literature)
Nickel [Non renewable elements]	Mass	1,71E-03	•	(No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	2,14E-02	•	Measured
Nitrogen [Renewable resources]	Mass	1,38E-06	•	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime			(No statement) (No statement)
Occupation, construction site [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, dump site [Hemerobie ecoinvent] Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime Areatime		-	(No statement)
Occupation, dump site, benthos [Hemeroble econvent]	Areatime	,		(No statement)
Occupation, forest, intensive intension le econvention Occupation, forest, intensive, normal [Hemerobie	Aleaume	3,30L-04	IIIZ YI	(NO Statement)
ecoinvent]	Areatime	6,20E-01	m2*vr	(No statement)
Occupation, industrial area [Hemerobie ecoinvent]	Areatime		-	(No statement)
Occupation, industrial area, benthos [Hemerobie				· · · · ·
ecoinvent]	Areatime	2,04E-06	m2*yr	(No statement)
Occupation, industrial area, built up [Hemerobie	A		0*	
ecoinvent]	Areatime	8,13E-04	m2^yr	(No statement)
Occupation, industrial area, vegetation [Hemerobie ecoinvent]	Areatime	7 34F-04	m2*vr	(No statement)
Occupation, mineral extraction site [Hemerobie	/ licaline	7,040 04	iiiz yi	
ecoinvent]	Areatime	6,61E-03	m2*yr	(No statement)
Occupation, permanent crop, fruit, intensive [Hemerobie				
ecoinvent]	Areatime	1,10E-05	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie	A			(NIA atatamant)
ecoinvent] Occupation, traffic area, rail embankment [Hemerobie	Areatime	1,67E-04	m∠∵yr	(No statement)
ecoinvent]	Areatime	2 54E-04	m2*vr	(No statement)
Occupation, traffic area, rail network [Hemerobie	/	_,0 0 .).	(
ecoinvent]	Areatime	2,81E-04	m2*yr	(No statement)
Occupation, traffic area, road embankment [Hemerobie				
ecoinvent]	Areatime	6,22E-03	m2*yr	(No statement)
Occupation, traffic area, road network [Hemerobie	Areatime	1 925 02		(Ne statement)
ecoinvent] Occupation, urban, discontinuously built [Hemerobie	Areaume	1,022-03	mz yr	(No statement)
ecoinvent]	Areatime	5.44E-07	m2*vr	(No statement)
Occupation, water bodies, artificial [Hemerobie	/	0,= 0.).	(
ecoinvent]	Areatime	1,44E-01	m2*yr	(No statement)
Occupation, water courses, artificial [Hemerobie				
ecoinvent]	Areatime	3,02E-02	•	· ,
Olivine [Non renewable resources]	Mass	7,22E-09	•	(No statement)
Palladium [Non renewable elements]	Mass	8,02E-10	•	(No statement)
Peat [Renewable resources]	Mass	4,19E-01	•	(No statement)
Phosphorus [Non renewable elements]	Mass	1,21E-05	•	(No statement)
Phosphorus minerals [Non renewable resources]	Mass	6,13E-07	кд	Literature

	Quantity	Amount	l loit	Origin of data
Flow - Inputs	Quantity Mass	Amount 3,38E-02	Unit	Origin of data (Literature)
Pit gas [Natural gas (resource)]			•	· · · ·
Platinum [Non renewable elements]	Mass	1,49E-09	•	(No statement)
Potassium chloride [Non renewable resources]	Mass	2,16E-05		Calculated
Precious metal ore (R.O.M) [Non renewable resources] Primary energy from hydro power (BUWAL) [Renewable	Mass Energy	4,92E-01	kg	Calculated
energy resources]	ren.	-1,19E-03	MJ	Literature
Primary energy from hydro power [Renewable energy	Energy	4 405 .00		(1:::::::::::::::::::::::::::::::::::::
resources]	ren.	1,12E+02	MJ	(Literature)
Primary energy from solar energy [Renewable energy resources]	Energy ren.	4,95E-02	МТ	Literature
Primary energy from wind power [Renewable energy	Energy	4,950-02	1013	Literature
resources]	ren.	6,93E+00	MJ	Calculated
Process and cooling water [Operating materials]	Mass	8,62E-09	kg	Literature
Process water [Operating materials]	Mass	5,38E+01	kġ	(Measured)
Quartz sand (silica sand; silicon dioxide) [Non renewable		·	U	· · · ·
resources]	Mass	1,37E-02	kg	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	-1,96E-06	kg	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	-1,69E-06	kg	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	-2,77E-06	kg	Literature
Refractory [Minerals]	Mass	4,26E-12	kg	Measured
Renewable fuels [Renewable energy resources]	Mass	-1,45E-06	kg	Calculated
Rhenium [Non renewable elements]	Mass	7,04E-12	kg	(No statement)
Rhodium [Non renewable elements]	Mass	2,22E-11	kg	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	2,38E-11	kg	(No statement)
sand [Non renewable resources]	Mass	3,37E-05	kg	(No statement)
Silver [Non renewable elements]	Mass	2,02E-10	kg	(No statement)
Slate [Non renewable resources]	Mass	4,02E-08	kg	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	1,75E-01	•	(Literature)
Sodium sulphate [Non renewable resources]	Mass	5,64E-05	•	Literature
Soil [Non renewable resources]	Mass	1,77E-02	•	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass	2,79E-02	•	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	3,68E-16	•	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	1,46E-07	0	(Literature)
Sulphur [Non renewable elements]	Mass	1,58E-05	-	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	1,06E-05	•	(No statement)
Talc [Non renewable resources]	Mass	4,56E-04	•	Calculated
Tin [Non renewable elements]	Mass	1,42E-06		(No statement)
Tin ore [Non renewable resources]	Mass	2,13E-03	0	Estimated
Titanium dioxide [Non renewable resources]	Mass	1,77E-04	•	(No statement)
Titanium ore [Non renewable resources]	Mass	6,76E-06	•	(No statement)
Transformation, from arable [Hemerobie ecoinvent] Transformation, from arable, non-irrigated [Hemerobie	Area	1,41E-05	sqm	(No statement)
ecoinvent]	Area	5,17E-04	sam	(No statement)
Transformation, from arable, non-irrigated, fallow	/ lica	0,17 - 04	oqiii	
[Hemerobie ecoinvent]	Area	2,11E-07	sqm	(No statement)
Transformation, from dump site, inert material landfill			•	· · · · · · · · · · · · · · · · · · ·
[Hemerobie ecoinvent]	Area	3,01E-05	sqm	(No statement)
Transformation, from dump site, residual material landfill				
[Hemerobie ecoinvent]	Area	2,12E-06	sqm	(No statement)
Transformation, from dump site, sanitary landfill	A			
[Hemerobie ecoinvent] Transformation from dump site, slag compartment	Area	9,32E-07	sqm	(No statement)
Transformation, from dump site, slag compartment [Hemerobie ecoinvent]	Area	3,72E-07	sam	(No statement)
Transformation, from forest [Hemerobie ecoinvent]	Area	3,43E-04	•	(No statement)
Transformation, from forest, extensive [Hemerobie	Area	4,71E-03	•	(No statement)
	,	1,7 12 00	5900	

Flow - Inputs ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, from industrial area [Hemerobie				
ecoinvent]	Area	2,08E-05	sqm	(No statement)
Transformation, from industrial area, benthos [Hemerobie ecoinvent]	Area	2,56E-08	sqm	(No statement)
Transformation, from industrial area, built up [Hemerobie ecoinvent]	Area	2,91E-09	sqm	(No statement)
Transformation, from industrial area, vegetation [Hemerobie ecoinvent]	Area	4,96E-09	sam	(No statement)
Transformation, from mineral extraction site [Hemerobie			•	
ecoinvent] Transformation, from pasture and meadow [Hemerobie	Area	1,06E-04	•	(No statement)
ecoinvent] Transformation, from pasture and meadow, intensive	Area	2,56E-04	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, from sea and ocean [Hemerobie	Area	4,16E-07	sqm	(No statement)
ecoinvent]	Area	1,97E-04	sqm	(No statement)
Transformation, from shrub land, sclerophyllous [Hemerobie ecoinvent]	Area	2 185 04	cam	(No statement)
		2,18E-04	•	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	1,52E-03	•	(No statement)
Transformation, to arable [Hemerobie ecoinvent] Transformation, to arable, non-irrigated [Hemerobie	Area	5,87E-05	•	(No statement)
ecoinvent] Transformation, to arable, non-irrigated, fallow	Area	5,17E-04	sqm	(No statement)
[Hemerobie ecoinvent]	Area	3,60E-07	sqm	(No statement)
Transformation, to dump site [Hemerobie ecoinvent] Transformation, to dump site, benthos [Hemerobie	Area	7,78E-05	sqm	(No statement)
ecoinvent]	Area	1,96E-04	sqm	(No statement)
Transformation, to dump site, inert material landfill [Hemerobie ecoinvent]	Area	3,01E-05	sqm	(No statement)
Transformation, to dump site, residual material landfill [Hemerobie ecoinvent]	Area	2,12E-06	sqm	(No statement)
Transformation, to dump site, sanitary landfill [Hemerobie ecoinvent]	Area	9,32E-07	sam	(No statement)
Transformation, to dump site, slag compartment	1.00	0,022 01	94.11	
[Hemerobie ecoinvent]	Area	3,72E-07	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent] Transformation, to forest, intensive [Hemerobie	Area	9,64E-05	sqm	(No statement)
ecoinvent]	Area	2,39E-06	sqm	(No statement)
Transformation, to forest, intensive, normal [Hemerobie ecoinvent]	Area	4,66E-03	sqm	(No statement)
Transformation, to heterogeneous, agricultural [Hemerobie ecoinvent]	Area	1,76E-05	sam	(No statement)
			•	
Transformation, to industrial area [Hemerobie ecoinvent] Transformation, to industrial area, benthos [Hemerobie	Area	1,17E-04	•	(No statement)
ecoinvent] Transformation, to industrial area, built up [Hemerobie	Area	1,37E-07	sqm	(No statement)
ecoinvent] Transformation, to industrial area, vegetation [Hemerobie	Area	3,56E-05	sqm	(No statement)
ecoinvent]	Area	1,97E-05	sqm	(No statement)
Transformation, to mineral extraction site [Hemerobie ecoinvent]	Area	6,10E-04	sqm	(No statement)
Transformation, to pasture and meadow [Hemerobie ecoinvent]	Area	1,57E-06	sam	(No statement)
Transformation, to permanent crop, fruit, intensive			•	. ,
[Hemerobie ecoinvent]	Area	1,86E-07	•	(No statement)
Transformation, to sea and ocean [Hemerobie ecoinvent]	Area	2,56E-08	sqm	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie	Area	3,35E-05	sqm	(No statement)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
ecoinvent] Transformation, to traffic area, rail embankment				
[Hemerobie ecoinvent] Transformation, to traffic area, rail network [Hemerobie	Area	5,90E-07	sqm	(No statement)
ecoinvent] Transformation, to traffic area, road embankment	Area	6,49E-07	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	4,63E-05	sqm	(No statement)
ecoinvent]	Area	3,45E-05	sam	(No statement)
Transformation, to unknown [Hemerobie ecoinvent] Transformation, to urban, discontinuously built	Area	2,02E-05	•	(No statement)
[Hemerobie ecoinvent] Transformation, to water bodies, artificial [Hemerobie	Area	1,08E-08	sqm	(No statement)
ecoinvent] Transformation, to water courses, artificial [Hemerobie	Area	9,86E-04	sqm	(No statement)
ecoinvent]	Area	3,72E-04	sqm	(No statement)
Ulexite [Non renewable resources]	Mass	3,31E-06	kg	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-5,46E-08	kg	Literature
Uranium free ore [Uranium (resource)]	Mass	1,97E-16	kg	Literature
Uranium natural [Uranium (resource)]	Mass	2,22E-04	kg	(Literature)
Waste (unspecified) [Consumer waste]	Mass	9,96E-04	kg	(No statement)
Waste for recovery (unspecified) [Waste for recovery]	Mass	2,96E-01	kg	(No statement)
Water (feed water) [Water]	Mass	1,27E-02	kg	(Literature)
Water (ground water) [Water]	Mass	1,88E+01	kg	(Estimated)
Water (lake water) [Water]	Mass	1,24E-01	kg	(No statement)
Water (river water) [Water]	Mass	6,53E+01	kg	(No statement)
Water (sea water) [Water]	Mass	1,04E+01	kg	(Literature)
Water (surface water) [Water]	Mass	1,88E+02	kg	(Literature)
Water [Water]	Mass	2,39E+02	kg	(Literature)
Water for industrial use [Operating materials]	Mass	5,80E+00	kg	(Calculated)
Water, salt, sole [in water]	Volume	1,57E-04	m3	(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	3,29E+02	m3	(No statement)
Vermiculite [Non renewable resources] Volume occupied, final repository for low-active	Mass	1,19E-07	kg	(No statement)
radioactive waste [Hemerobie ecoinvent] Volume occupied, final repository for radioactive waste	Volume	3,45E-07		(No statement)
[Hemerobie ecoinvent]	Volume Cubic	8,82E-08	m3	(No statement)
Volume occupied, reservoir [Hemerobie ecoinvent] Volume occupied, underground deposit [Hemerobie	meter years	2,50E+00	m3a	(No statement)
ecoinvent]	Volume	1,07E-07	m3	(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	-3,87E-02		Literature
Wood [Renewable energy resources]	Mass	7,18E-03	•	(Estimated)
Wood, hard, standing [biotic]	Volume	9,52E-04	•	(No statement)
Wood, soft, standing [biotic]	Volume	2,45E-03		(No statement)
Zinc - copper ore (4.07%-2.59%) [Non renewable resources]	Mass	3,67E-01	kg	(Estimated)
Zinc - lead - copper ore (12%-3%-2%) [Non renewable resources] Zinc - lead ore (4.21%-4.96%) [Non renewable	Mass	2,74E-01	kg	Calculated
resources]	Mass	4,36E-10	ka	Estimated
Zinc [Non renewable elements]	Mass	4,91E-05	-	(No statement)
Zinc [Non renewable elements] Zinc ore (sulphide) [Non renewable resources]	Mass	4,91L-03 3,02E-11	•	Calculated
	111133	0,020-11	Ng	

Flow Outputs	Q	A	11	Origin of data
Flow - Outputs	Quantity Mass	Amount	Unit	Origin of data
Acenaphthene [Hydrocarbons to fresh water] Acenaphthene [Hydrocarbons to sea water]	Mass	5,29E-11 2,54E-11	kg ka	(No statement) (No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	2,34L-11 3,31E-12	kg kg	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	1,59E-12	kg	(No statement)
Acentaphthylene [Group NMVOC to air]	Mass	1,30E-11	kg	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	4,65E-06	kg	(Literature)
Acetic acid [Group NMVOC to air]	Mass	4,03E-00 1,54E-05	kg	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	2,85E-08	kg	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air]	Mass	4,19E-06	kg	(Literature)
Acid (calculated as H+) [Inorganic emissions to fresh	Wass	4,132-00	ĸġ	(Ellerature)
water]	Mass	4,50E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	1,05E-09	kg	(No statement)
Acrolein [Group NMVOC to air]	Mass	8,14E-10	kg	(No statement)
Acrylonitrile [Hydrocarbons to fresh water]	Mass	3,05E-05	kg	(Calculated)
Adsorbable organic halogen compounds (AOX)				
[Analytical measures to fresh water]	Mass	1,25E-04	kg	(Measured)
Adsorbable organic halogen compounds (AOX)	Mass	1,48E-09	ka	(No statement)
[Analytical measures to sea water] Aktinide (general) [Radioactive emissions to air]	Activity	1,46E-09 4,36E-06	kg Bq	(No statement) (No statement)
	Activity	4,30E-00 4,83E-01	вч Bq	(No statement)
Aktinide (general) [Radioactive emissions to sea water] Aldehyde (unspecified) [Group NMVOC to air]	Mass		•	(No statement) (Literature)
	Mass	2,26E-07 8,57E-05		(Calculated)
Alkane (unspecified) [Group NMVOC to air] Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	1,10E-06	kg ka	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	5,32E-07	kg kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	1,23E-04	kg	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	1,23E-04 1,02E-07	0	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	4,91E-08	kg	(No statement)
Aluminum [Fresh water]	Mass	4,91E-00 1,89E-03	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	8,15E-05	kg	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	9,42E-05	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	7,38E-06	kg	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	3,13E-06	kg	(No statement)
Aluminum [Particles to air]	Mass	1,39E-04	kg	(No statement)
Aluminum scrap [Waste for recovery]	Mass	3,31E-06	0	Measured
Americium (Am241) [Radioactive emissions to fresh	made	0,012 00	Ng	mededied
water]	Activity	5,74E-02	Bq	Calculated
Ammonia [Inorganic emissions to air]	Mass	1,84E-04	kg	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	1,39E-06	kg	(Measured)
Ammonium / ammonia [Fresh water]	Mass	4,91E-07	kg	(No statement)
Ammonium / ammonia [Inorganic emissions to fresh				
water]	Mass	3,44E-04	•	(Literature)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	3,25E-07	•	(No statement)
Ammonium [Inorganic emissions to air]	Mass	7,65E-06	•	Measured
Ammonium carbonate [high population density]	Mass	8,59E-09	-	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	8,62E-10	0	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	4,89E-06	•	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity	4,13E-04	•	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	1,01E-01	-	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	1,27E-07		(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	1,39E-01		(Literature)
Antimony [Fresh water]	Mass	3,89E-04		(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	1,85E-12	•	(No statement)
Antimony [Heavy metals to air]	Mass	2,10E-06	•	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	2,11E-04	ĸġ	(No statement)

	Quantity	A	11	Origin of data
Flow - Outputs Argon (Ar41) [Radioactive emissions to air]	Quantity Activity	Amount 1,64E+02	Unit Bq	Origin of data (Literature)
Aromatic hydrocarbons (unspecified) [Group NMVOC to	Activity	1,040+02	БЧ	(Literature)
air]	Mass	6,81E-07	kg	(Calculated)
Aromatic hydrocarbons (unspecified) [Hydrocarbons to			-	
fresh water]	Mass	4,47E-06	kg	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to	Masa		1	
sea water]	Mass Mass	2,36E-06	•	(No statement) (No statement)
Arsenic [Fresh water] Arsenic [Heavy metals to agricultural soil]	Mass	8,11E-07 2,38E-08	•	(No statement)
Arsenic [Heavy metals to air]	Mass	2,38L-06	•	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	2,73L-00 2,60E-06	•	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	2,00E-00 6,80E-07	0	Measured
Arsenic [Heavy metals to sea water]	Mass	5,01E-09	•	(No statement)
Arsenic trioxide [Heavy metals to air]	Mass	2,05E-11	kg	Measured
Ash [Stockpile goods]	Mass	-1,27E-05	0	Calculated
Atrazine [Pesticides to agricultural soil]	Mass	1,26E-11	kg	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	8,23E-06	0	(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	2,14E-05	Bq	(No statement)
Barium [Fresh water]	Mass	3,79E-05	•	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	1,49E-10	kg	(No statement)
Barium [Inorganic emissions to air]	Mass	9,59E-06	kg	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	1,00E-05	kg	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	3,69E-06	kg	(No statement)
Barium [Inorganic emissions to sea water]	Mass	3,57E-06	kg	(No statement)
Barytes [ocean]	Mass	1,22E-04	kg	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	1,22E-10	kg	(No statement)
Bentazone [Pesticides to agricultural soil]	Mass	5,33E-10	kg	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	5,00E-11	kg	(No statement)
Benzene [Group NMVOC to air]	Mass	5,21E-05	•	(Literature)
Benzene [Hydrocarbons to fresh water]	Mass	2,19E-06	•	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	3,41E-07	•	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	1,58E-07	•	(Literature)
Beryllium [Fresh water]	Mass	1,63E-07	•	(No statement)
Beryllium [Inorganic emissions to air]	Mass	7,31E-08	0	(Literature)
Beryllium [Inorganic emissions to fresh water]	Mass	3,65E-09	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to freeh water]	Mass	3,24E-03	ka	(Literature)
Biological oxygen demand (BOD) [Analytical measures to	WId33	3,242-03	ĸġ	
sea water]	Mass	4,37E-04	kg	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh			0	(
water]	Mass	1,00E-03	0	(No statement)
Boiler ash (unspecified) [Waste for recovery]	Mass	-5,71E-05	kg	Calculated
Boron [Fresh water]	Mass	2,96E-05	•	(No statement)
Boron [Inorganic emissions to air]	Mass	9,85E-08	•	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	4,71E-06	0	(Literature)
Boron [Inorganic emissions to sea water]	Mass	3,37E-08	kg	(No statement)
Boron compounds (unspecified) [Inorganic emissions to	Masa		1	
air] Deservato (la caraccia caraicciano to forch vertec)	Mass	3,97E-05	0	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	3,15E-07	•	(No statement)
Bromine [Fresh water]	Mass	1,51E-04	•	(No statement)
Bromine [Inorganic emissions to air]	Mass	2,88E-05	•	(Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	7,18E-04 2,86E-06	•	(No statement)
Bromine [Inorganic emissions to sea water] Butadiene [Group NMVOC to air]	Mass	2,86E-06 1,77E-13	•	(No statement) (No statement)
	Mass	1,110-13	ĸу	(INO SIGIEITIETIL)

Flow Outputs	Quantity	Amount	Unit	Origin of data
Flow - Outputs Butane (n-butane) [Group NMVOC to air]	Mass	3,95E-06		Origin of data (Measured)
Butane [Group NMVOC to air]	Mass	3,35E-00 3,76E-05	•	(Literature)
Butene [Group NMVOC to air]	Mass	2,68E-07	0	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	1,95E-09	•	(No statement)
Cadmium [Fresh water]	Mass	3,22E-07	•	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	4,81E-08	•	(No statement)
Cadmium [Heavy metals to air]	Mass	6,25E-07	•	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	1,99E-06	•	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	1,10E-07	0	Measured
Cadmium [Heavy metals to sea water]	Mass	1,44E-09	•	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	1,13E-06	•	(Literature)
Calcium [Fresh water]	Mass	9,82E-03	•	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	6,61E-03	•	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	1,36E-04	•	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	1,93E-10	•	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	4,01E+02	•	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	2,97E+00	•	(Estimated)
Carbon (unspecified) [Organic emissions to agricultural	·			, , , , , , , , , , , , , , , , , , ,
soil]	Mass	1,94E-04	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial	Maaa		ka	(No statement)
soil] Carbon diaxida (biatia) [Air]	Mass Mass	2,22E-05 3,15E+00	kg ka	(No statement) (No statement)
Carbon dioxide (biotic) [Air] Carbon dioxide [Inorganic emissions to air]	Mass	1,20E+01	kg ka	(Literature)
Carbon disulphide [Inorganic emissions to air]	Mass	1,40E-05	kg kg	(No statement)
Carbon monoxide (biotic) [Air]	Mass	1,40E-03 3,17E-04	0	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass	1,11E-02	•	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated	111033	1,112-02	ĸġ	(Literature)
organic emissions to air]	Mass	2,09E-09	kg	(No statement)
Carbonate [Inorganic emissions to fresh water]	Mass	3,48E-05	kg	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	2,00E-06	Bq	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	8,56E-06	Bq	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	2,61E-06	Bq	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	1,60E-02	Bq	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	3,99E+00	Bq	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	1,52E-06	Bq	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	3,57E-02	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	2,73E+01	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	5,54E+01	Bq	(No statement)
Cesium [Heavy metals to fresh water]	Mass	8,50E-09	kg	(No statement)
Cesium [Heavy metals to sea water]	Mass	4,09E-09	kg	(No statement)
Chemical oxygen demand (COD) [Analytical measures to				
fresh water] Chemical oxygen demand (COD) [Analytical measures to	Mass	4,56E-02	кg	(Literature)
sea water]	Mass	4,40E-04	ka	Estimated
Chemical oxygen demand, CSB (Ecoinvent) [Fresh	Mass	4,40∟-04	ĸġ	Lotinatou
water]	Mass	3,06E-03	kg	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	2,72E-06	kg	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	1,41E-05	kg	(Measured)
Chloride [Fresh water]	Mass	6,64E-05	kg	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	1,00E-01	kg	(Literature)
Chloride [Inorganic emissions to sea water]	Mass	2,05E-03	kg	(No statement)
Chlorinated hydrocarbons (unspecified) [Halogenated				· - ·· ·
organic emissions to fresh water]	Mass	2,44E-07	•	(Estimated)
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	4,84E-05	кд	(Literature)

	•	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Chlorine [Inorganic emissions to agricultural soil]	Mass	1,05E-05	kg	(No statement)
Chlorine [Inorganic emissions to air]	Mass	4,89E-06	kg	(Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	1,48E-04	kg	(No statement)
Chloromethane (methyl chloride) [Halogenated organic	Mass	1,09E-08	ka	Estimated
emissions to air] Chloromethane (methyl chloride) [Halogenated organic	111455	1,092-00	ĸġ	Estimated
emissions to fresh water]	Mass	4,75E-07	ka	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	4,81E-09	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to	made	1,012 00	Ng	(into oracomondy
fresh water]	Mass	1,42E-08	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to			Ū	· · · ·
sea water]	Mass	1,24E-15	kg	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	1,28E-07	Bq	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	1,07E-01	Bq	(No statement)
Chromium (unspecified) [Heavy metals to agricultural				(1)
soil]	Mass	6,98E-07	•	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	3,52E-06	•	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	1,37E-07	•	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	4,10E-08	kg	(No statement)
Chromium +III [Heavy metals to fresh water]	Mass	8,63E-08	•	(Literature)
Chromium +VI [Fresh water]	Mass	4,49E-06	kg	(No statement)
Chromium +VI [Heavy metals to air]	Mass	5,61E-08	, U	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	2,48E-06	kg	(No statement)
Chromium +VI [Heavy metals to industrial soil]	Mass	6,95E-06	kg	(No statement)
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity	4,82E-05	•	(No statement)
Cobalt (Co58) [Radioactive emissions to air]	Activity	1,07E-03	•	(Literature)
Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	8,71E-01	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to air]	Activity	1,20E-02	•	(Literature)
Cobalt (Co60) [Radioactive emissions to fresh water]	Activity	1,32E+01	Bq	(Literature)
Cobalt [Fresh water]	Mass	6,77E-06	, U	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	6,63E-08	, U	(No statement)
Cobalt [Heavy metals to air]	Mass	7,29E-07		(Literature)
Cobalt [Heavy metals to fresh water]	Mass	4,13E-08	kg	(No statement)
Cobalt [Heavy metals to sea water]	Mass	1,67E-09	kg	(No statement)
Copper [Fresh water]	Mass	3,33E-04	•	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	7,83E-07	•	(No statement)
Copper [Heavy metals to air]	Mass	1,24E-05	-	(Literature)
Copper [Heavy metals to fresh water]	Mass	5,71E-06	•	(Literature)
Copper [Heavy metals to industrial soil]	Mass	6,87E-06	•	Measured
Copper [Heavy metals to sea water]	Mass	8,60E-09	•	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	1,29E-07	kg	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh	Maaa	3,11E-07	ka	(No statement)
water] Curium (Cm alpha) [Radioactive emissions to fresh	Mass	3,11E-07	ку	(No statement)
water]	Activity	7,61E-02	Ba	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	1,61E-06	•	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	2,51E-06	•	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	1,46E-08	•	(No statement)
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	2,25E-09	•	(No statement)
Cypermethrin [Pesticides to agricultural soil]	Mass	4,30E-12	•	(No statement)
Detergent (unspecified) [Other emissions to fresh water]	Mass	4,31E-10	•	(Literature)
Dichloroethane (ethylene dichloride) [Halogenated		.,012 10		
organic emissions to air]	Mass	3,38E-08	kg	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated			2	. /
organic emissions to fresh water]	Mass	1,64E-08	kg	(No statement)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Dichloromethane (methylene chloride) [Halogenated organic emissions to air] Dichloromethane (methylene chloride) [Halogenated	Mass	1,71E-05	kg	Calculated
organic emissions to fresh water] Dichloropropane [Halogenated organic emissions to fresh	Mass	1,87E-07	kg	(No statement)
water]	Mass	0,00E+00	kg	Estimated
Dichromate [river]	Mass	1,82E-07	kg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC				
to air]	Mass	1,91E-10		Measured
Different pollutants [Other emissions to agricultural soil]	Mass	1,57E-03	kg	(No statement)
Different pollutants [Other emissions to industrial soil]	Mass	5,52E-05	•	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	1,31E-09		(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	1,25E-03	kg	(No statement)
Dust (> PM10) [Particles to air]	Mass	4,28E-03		(No statement)
Dust (PM2,5 - PM10) [Particles to air]	Mass	4,19E-04	kg	(No statement)
Dust (PM2.5) [Particles to air]	Mass	3,25E-03	•	(No statement)
Dust (unspecified) [Particles to air]	Mass	6,53E-03	•	(Literature)
Ethane [Group NMVOC to air]	Mass	6,10E-04	•	(Literature)
Ethanol [Group NMVOC to air]	Mass	6,55E-06	0	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	2,50E-06	•	(Literature)
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	1,15E-07	kg	(No statement)
Ethine (acetylene) [Group NMVOC to air]	Mass	9,46E-08	kg	(No statement)
Ethyl benzene [Group NMVOC to air]	Mass	3,98E-05	kg	(Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	4,59E-07	-	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	9,82E-08	kg	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	1,57E-09	kg	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	3,73E-11	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	1,31E-12	kg	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	3,19E-12	kg	(No statement)
Exhaust [Other emissions to air] Fatty acids (calculated as total carbon) [Hydrocarbons to	Mass	2,90E+01	kg	(Calculated)
fresh water]	Mass	3,13E-05	kg	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to	Masa		1	(No statement)
sea water]	Mass	2,41E-05	kg	(No statement)
Fenpiclonil [Pesticides to agricultural soil]	Mass	2,25E-10	kg	(No statement)
Fluoride (unspecified) [Inorganic emissions to air]	Mass	1,28E-06	0	(Literature)
Fluoride [Fresh water]	Mass	2,33E-05	-	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	4,20E-04	•	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	5,07E-06	•	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	5,12E-07	-	(No statement)
Fluorides [Inorganic emissions to air]	Mass	1,03E-09	•	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	1,38E-06	-	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	7,40E-06	•	(Measured)
Fly ash (unspecified) [Waste for recovery]	Mass	-2,22E-04	•	Calculated
Formaldehyde (methanal) [Group NMVOC to air]	Mass	3,27E-05	•	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	3,62E-08	•	Literature
Glutaraldehyde [Hydrocarbons to sea water]	Mass	1,51E-08	-	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	2,91E-09	•	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	1,71E-08	-	(No statement)
Graphites [Particles to air]	Mass	0,00E+00	•	Estimated
Gypsum (FDI) [Waste for recovery]	Mass	3,15E-03	-	(Measured)
Gypsum [Waste for recovery]	Mass	1,84E-04	kg	(Estimated)
Halogenated hydrocarbons (unspecified) [Halogenated organic emissions to air]	Mass	-4,54E-12	kg	Literature

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Halon (1211) [Halogenated organic emissions to air]	Mass	2,71E-08	•	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	2,72E-08	-	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	1,23E-01	kg	(Literature)
Heat from natural gas [Flows]	Energy	1,54E-11	MJ	(No statement)
Heat from oil [Flows]	Energy	1,39E-10		(No statement)
Heat from waste [Flows]	Energy	1,65E-10	MJ	(No statement)
Heavy metals to water (unspecified) [Heavy metals to	Maaa		ka	(Macourod)
fresh water]	Mass	2,98E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	1,19E-05	kg	(Literature)
Heptane (isomers) [Group NMVOC to air] Hexachlorobenzene (Perchlorobenzene) [Halogenated	Mass	2,67E-06	kg	(No statement)
organic emissions to air]	Mass	3,16E-10	kg	(No statement)
Hexaflourosilicates [Air]	Mass	4,69E-08	•	(No statement)
Hexaflourosilicates [Sweet-]	Mass	4,03E-00 8,44E-08	•	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	2,18E-05	•	(Literature)
Highly radioactive waste [Radioactive waste]	Mass	2,10E-05	•	(Calculated)
Highly-active fission product solution [Radioactive waste]	Mass	1,03⊑-03 1,23E-07	•	(Estimated)
Housing (E-Paper) [Flows]	Mass	7,31E-06	•	(No statement)
Hydrocarbons (unspecified) [Hydrocarbons to fresh	111222	7,312-00	kg	(NO Statement)
water]	Mass	9,22E-06	kg	(Literature)
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	2,29E-06	kg	(No statement)
Hydrocarbons, aromatic [Group NMVOC to air]	Mass	8,53E-07	•	(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic	made	0,002 01	Ng	(into oracomondy
emissions to air]	Mass	2,07E-08	kg	(No statement)
Hydrocarbons, halogenated [Halogenated organic			0	,
emissions to air]	Mass	6,82E-09	kg	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	2,10E+03	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	9,98E+04	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	1,15E+05	Bq	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	8,88E-05	kg	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	1,70E-09	kg	Measured
Hydrogen chloride [Inorganic emissions to air]	Mass	9,50E-04	kg	(Literature)
Hydrogen chloride [Inorganic emissions to fresh water]	Mass	3,78E-12	kg	Estimated
Hydrogen cyanide (prussic acid) [Inorganic emissions to				
air]	Mass	1,15E-07	kg	(Calculated)
Hydrogen fluoride (hydrofluoric acid) [Inorganic			1	Management
emissions to fresh water]	Mass	5,51E-09	•	Measured
Hydrogen fluoride [Inorganic emissions to air]	Mass	2,82E-04	-	(Literature)
Hydrogen peroxide [Sweet-]	Mass	1,42E-09	•	(No statement)
Hydrogen sulphide [Fresh water]	Mass	9,21E-06	•	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	2,14E-04	0	(Literature)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	4,42E-08	0	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	1,74E-05	•	Estimated
Hypochlorite [Inorganic emissions to fresh water]	Mass	1,79E-06	•	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	2,01E-06	•	(No statement)
Iliad Module (E-Paper) [Flows]	Mass	1,44E-11	•	(No statement)
Incineration good [Waste for disposal]	Mass	2,79E-04	•	Literature
Industrial waste for municipal disposal [Consumer waste]	Mass	2,88E-02	0	(Literature)
inert chemical waste [Consumer waste]	Mass	4,78E-04	•	(Literature)
Inert gases [Radioactive emissions to air]	Activity	2,86E+06	Bq	(No statement)
Inorganic salts and acids (unspecified) [Inorganic	Maar		1.0	Literatura
emissions to fresh water]	Mass	-4,81E-07	•	Literature
lodide [Fresh water]	Mass	2,51E-12	•	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	9,24E-07	ку	(No statement)

Flow Outputo	Quantity	Amount	Unit	Origin of data
Flow - Outputs lodide [Inorganic emissions to sea water]	Quantity Mass	Amount 4,09E-07	Unit kg	Origin of data (No statement)
Iodine (I129) [Radioactive emissions to air]	Activity	4,09⊑-07 4,22E-01	ĸy Bq	Calculated
lodine (129) [Radioactive emissions to firesh water]	Activity	8,51E+00	Bq	(Estimated)
Iodine (I131) [Radioactive emissions to resh water]	Activity	3,20E-01	•	(Literature)
lodine (I131) [Radioactive emissions to fresh water]	Activity	2,03E-01	•	(Literature)
lodine (I133) [Radioactive emissions to air]	Activity	9,84E-06	•	(No statement)
lodine (I133) [Radioactive emissions to fresh water]	Activity	1,34E-05	•	(No statement)
lodine [Inorganic emissions to air]	Mass	1,34E-03 5,41E-07	•	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	3,70E-06	•	(No statement)
Iron [Fresh water]	Mass	1,07E-03	kg	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	1,92E-04	kg	(No statement)
Iron [Heavy metals to air]	Mass	3,78E-04	kg	(Literature)
Iron [Heavy metals to fresh water]	Mass	2,43E-03	kg	(Literature)
Iron [Heavy metals to industrial soil]	Mass	4,84E-05	kg	(No statement)
Iron [Heavy metals to sea water]	Mass	2,23E-07	0	(No statement)
Isocyanide acid [Air]	Mass	1,27E-06	kg	(No statement)
Jacket and body material [Radioactive waste]	Mass	1,66E-08	kg	(Calculated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	2,20E+06	-	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	3,76E+00	Bq	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	4,97E-02	•	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	5,31E-02	•	(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	1,63E-02	•	(No statement)
Lanthanides [Heavy metals to air]	Mass	2,75E-09	•	(Estimated)
Lanthanum (La140) [Radioactive emissions to fresh	Mass	2,702 00	Ng	(Estimated)
water]	Activity	2,28E-05	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	7,04E-07	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	3,58E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	4,79E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	2,39E-02	Bq	(No statement)
Lead [Fresh water]	Mass	3,14E-06	kg	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	2,82E-07	kg	(No statement)
Lead [Heavy metals to air]	Mass	1,25E-05	kg	(Literature)
Lead [Heavy metals to fresh water]	Mass	1,70E-05	kg	(Literature)
Lead [Heavy metals to industrial soil]	Mass	4,85E-06	kg	Measured
Lead [Heavy metals to sea water]	Mass	3,86E-08	kg	(No statement)
Linuron [Pesticides to agricultural soil]	Mass	8,09E-09	kg	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	2,74E-06	kg	(Estimated)
Liquid waste [Consumer waste]	Mass	2,16E+04	kg	(Calculated)
Magnesium [Fresh water]	Mass	1,01E-03	kg	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	3,19E-04	kg	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	2,26E-05	kg	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	1,50E-09	kg	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	6,26E-09	kg	(No statement)
Manganese (Mn54) [Radioactive emissions to air]	Activity	6,55E-08	Bq	(No statement)
Manganese (Mn54) [Radioactive emissions to fresh	A	0 00 - 00	-	
water]	Activity	2,00E+00	Bq	(Literature)
Manganese [Fresh water]	Mass	2,05E-04		(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	6,62E-05	•	(No statement)
Manganese [Heavy metals to air]	Mass	6,33E-06	-	(Calculated)
Manganese [Heavy metals to fresh water]	Mass	1,93E-05	-	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	2,95E-07	-	(No statement)
Manganese [Heavy metals to sea water]	Mass	1,81E-07	•	(No statement)
Medium and low radioactive liquid waste [Radioactive	Mass	1,72E-07	kg	(Estimated)

Flow - Outputs waste]	Quantity	Amount	Unit	Origin of data
Medium and low radioactive wastes [Radioactive waste]	Mass	1,96E-05	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	4,31E-10	kg	(Literature)
Mercury [Fresh water]	Mass	1,86E-08	kg	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	1,55E-09	kg	(No statement)
Mercury [Heavy metals to air]	Mass	3,07E-07	kg	(Literature)
Mercury [Heavy metals to fresh water]	Mass	5,87E-08	kg	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	2,74E-08	kg	Measured
Mercury [Heavy metals to sea water]	Mass	2,21E-10	kg	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	2,29E-04	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh				
water]	Mass	2,74E-05	kg	(Calculated)
Metaldehyde [Organic emissions to agricultural soil]	Mass	3,73E-11	kg	(No statement)
Metals (unspecified) [Inorganic emissions to fresh water]	Mass	1,35E-15	•	Literature
Metals (unspecified) [Particles to air]	Mass	-1,30E-07	•	(Estimated)
Metals (unspecified) [Particles to fresh water]	Mass	1,09E-06	0	(Literature)
Methacrylate [Group NMVOC to air]	Mass	1,50E-07	kg	Calculated
Methane (biotic) [Air]	Mass	2,34E-04	kg	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	3,28E-02	kg	(Literature)
Methanol [Group NMVOC to air]	Mass	6,90E-06	kg	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	3,78E-05	kg	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	3,17E-08	kg	(No statement)
Methanol [Organic intermediate products]	Mass	8,06E-10	kg	Literature
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	4,13E-06	kg	Calculated
Methyl tert-butylether [Group NMVOC to air]	Mass	6,22E-09	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	9,61E-11	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	2,67E-08	kg	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	5,85E-08	kg	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	2,20E-10	kg	(No statement)
Mineral waste [Consumer waste]	Mass	7,23E-07	kg	(Estimated)
Molybdenum (Mo99) [Radioactive emissions to fresh	Activity		Bq	(No statement)
water] Molybdenum [Fresh water]	Mass	7,86E-06 2,42E-07		(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	1,63E-08	kg	(No statement)
Molybdenum [Heavy metals to agricultural soli]	Mass	5,13E-08	kg	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	3,62E-06	kg	(Estimated)
Molybdenum [Heavy metals to sea water]	Mass	8,42E-10	•	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	2,54E-08	kg	(No statement)
Municipal waste [Consumer waste]	Mass	2,54E-00 6,53E-04	0	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	6,60E-11	kg	(No statement)
Neutral salts [Inorganic emissions to fresh water]	Mass	-1,53E-07	-	Calculated
Nickel [Fresh water]	Mass	9,73E-05	kg	(No statement)
Nickel [Heavy metals to agricultural soil]	Mass	2,05E-07	-	(No statement)
Nickel [Heavy metals to air]	Mass	8,44E-06	kg	(Literature)
Nickel [Heavy metals to fresh water]	Mass	1,92E-06	kg	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	3,66E-09	kg	(No statement)
Nickel [Heavy metals to sea water]	Mass	3,97E-09	kg	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	2,28E-02	-	(No statement)
Nitrate [Fresh water]	Mass	6,17E-05	•	(No statement)
Nitrate [Inorganic emissions to air]	Mass	8,35E-09	-	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	1,21E-03	kg	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass	3,68E-05	kg	(No statement)
Nitrite [Fresh water]	Mass	2,67E-08	-	(No statement)
		_,0 00		(

	Quantity	Amount	l Init	Origin of data
Flow - Outputs Nitrite [Inorganic emissions to fresh water]	Quantity Mass	Amount 1,46E-05	Unit kg	Origin of data (No statement)
Nitrite [Inorganic emissions to sea water]	Mass	7,50E-07	-	(No statement)
Nitrogen [Inorganic emissions to sea water]	Mass	5,80E-05	•	(Estimated)
Nitrogen [Inorganic emissions to real water]	Mass	2,00E-08	•	(No statement)
Nitrogen organic bounded [Fresh water]	Mass	2,00E-00 8,01E-07	•	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh	Mass	0,012 07	Ng	
water]	Mass	4,11E-06	kg	Literature
Nitrogen organic bounded [Inorganic emissions to sea		,	0	
water]	Mass	1,35E-06	•	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	3,43E-02	0	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	7,10E-04	kg	(Literature)
NMVOC (unspecified) [Group NMVOC to air]	Mass	4,41E-03	kg	(Literature)
non used primary energy from water power [Other	Energy	4 075 00		
emissions to fresh water]	ren.	1,07E+00	MJ	(Calculated)
non used primary energy from wind power [Other emissions to air]	Energy ren.	6,23E-02	МТ	(Measured)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	0,23E-02 7,36E-04		(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	1,35E-04	0	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	8,80E-04	•	(No statement)
Oil (unspecified) [Organic emissions to adjuct that soil]	Mass	4,37E-06	kg	Measured
Orbencarb [Pesticides to agricultural soil]	Mass	1,19E-09	0	(No statement)
Organic chlorine compounds (unspecified) [Organic	10035	1,150-05	ĸġ	
emissions to fresh water]	Mass	4,31E-10	kg	(Literature)
Organic chlorine compounds [Organic emissions to air			U	· · · ·
(group VOC)]	Mass	4,31E-10	kg	(Literature)
Organic compounds (dissolved) [Organic emissions to				
fresh water]	Mass	1,22E-07	kg	Calculated
Organic compounds (unspecified) [Organic emissions to fresh water]	Mass	1,08E-14	kg	Literature
Organic waste [Consumer waste]	Mass	3,28E-09	kg	Literature
Overburden [Stockpile goods]	Mass	3,55E+00	kg	(Calculated)
Ozone [Inorganic emissions to air]	Mass	1,72E-04	0	(No statement)
Pentachlorobenzene [Halogenated organic emissions to	10035	1,720-04	ĸġ	
air]	Mass	3,37E-10	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic		,	0	()
emissions to air]	Mass	4,76E-08	kg	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	6,83E-05	kg	(Literature)
	Number of			
Personal computer [Flows]	pieces	1,29E-16	•	(No statement)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	6,95E-08	-	Literature
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	2,51E-06	0	(Estimated)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	5,27E-07	•	(No statement)
Phosphate [Fresh water]	Mass	5,39E-05	0	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	6,79E-05	•	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	4,04E-07	•	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	3,23E-05	•	(No statement)
Phosphorus [Inorganic emissions to air]	Mass	7,60E-06 2,72E-07	•	(No statement)
Phosphorus [Inorganic emissions to fresh water] Phosphorus [Inorganic emissions to industrial soil]	Mass	2,72E-07 3,69E-07	0	(No statement)
	Mass		0	(No statement)
Phosphorus [Inorganic emissions to sea water] Pirimicarb [Pesticides to agricultural soil]	Mass Mass	4,69E-08 5,05E-11	•	(No statement) (No statement)
Plastic (unspecified) [Waste for recovery]	Mass	1,86E-04	•	(No statement) (Literature)
Platinum [Heavy metals to air]	Mass	7,71E-15	•	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	7,71E-15 7,80E-04	-	(Estimated)
Plutonium (Pu alpha) [Radioactive emissions to fresh	Activity	2,47E-04	•	(Estimated)
	Activity	∠,+/ ⊑-01	ЪЧ	(Loundled)

Flow - Outputs water]	Quantity	Amount	Unit	Origin of data
Plutonium (Pu238) [Radioactive emissions to air]	Activity	4,06E-08	Bq	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	3,38E-08	kg	(Calculated)
Polonium (Po210) [Radioactive emissions to air]	Activity	5,51E-01	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	4,79E-01	Bq	(No statement)
Polonium (Po210) [Radioactive emissions to sea water] Polychlorinated biphenyls (PCB unspecified)	Activity	3,65E-02	Bq	(No statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	3,42E-10	kg	(No statement)
[Halogenated organic emissions to air] Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	1,13E-11	kg	(Literature)
[Halogenated organic emissions to fresh water] Polycyclic aromatic hydrocarbons (PAH) [Group PAH to	Mass	1,81E-20	kg	Estimated
air] Polycyclic aromatic hydrocarbons (PAH, unspec.)	Mass	7,72E-07	kg	(Literature)
[Hydrocarbons to fresh water] Polycyclic aromatic hydrocarbons (PAH, unspec.)	Mass	1,70E-06	kg	(Literature)
[Hydrocarbons to sea water]	Mass	3,28E-08	kg	(No statement)
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	7,08E-06	kg	(No statement)
Potassium (K40) [Radioactive emissions to air]	Activity	4,62E-02	Βq	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	6,01E-01	Bq	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	2,89E-03	Bq	(No statement)
Potassium [Fresh water]	Mass	6,22E-04	kg	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	1,82E-04	kg	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	1,73E-05	kg	(No statement)
Propane [Group NMVOC to air] Propanol (iso-propanol; isopropanol) [Group NMVOC to	Mass	2,87E-04	kg	(Literature)
air]	Mass	8,51E-05	kg	Estimated
Propene (propylene) [Group NMVOC to air]	Mass	4,66E-06	kg	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	1,29E-07	kg	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	5,00E-11	kg	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	2,74E-07	kg	(Literature)
Propylene oxide [Group NMVOC to air]	Mass	5,75E-09	kg	(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	1,38E-08	kg	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air] Protactinium (Pa234m) [Radioactive emissions to fresh	Activity	4,21E-02	Bq	(No statement)
water]	Activity	7,79E-01	Bq	(No statement)
R 11 (trichlorofluoromethane) [Halogenated organic emissions to air] R 113 (trichlorofluoroethane) [Halogenated organic	Mass	3,58E-07	kg	(Estimated)
emissions to air] R 114 (dichlorotetrafluoroethane) [Halogenated organic	Mass	0,00E+00	kg	(No statement)
emissions to air] R 116 (hexafluoroethane) [Halogenated organic	Mass	4,49E-07	kg	(Estimated)
emissions to air] R 12 (dichlorodifluoromethane) [Halogenated organic	Mass	1,34E-07	kg	Calculated
emissions to air] R 124 (chlorotetrafluoroethane) [Halogenated organic	Mass	7,70E-08	kg	(Estimated)
emissions to air] R 13 (chlorotrifluoromethane) [Halogenated organic	Mass	0,00E+00	kg	(No statement)
emissions to air] R 134a (tetrafluoroethane) [Halogenated organic	Mass	4,83E-08	kg	(Estimated)
emissions to air] R 21 (Dichlorofluoromethane) [Halogenated organic	Mass	1,58E-07	kg	(No statement)
emissions to air] R 22 (chlorodifluoromethane) [Halogenated organic	Mass Mass	3,02E-16 2,13E-07	-	(No statement) (Estimated)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
emissions to air]				
R 23 (trifluoromethane) [Halogenated organic emissions to air]	Mass	9,61E-14	kg	(No statement)
Radioactive emissions (general) [Radioactive emissions to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	8,69E-02	Bq	Literature
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	6,80E-01	Bq	(No statement)
to fresh water]	Activity	2,89E+02	Bq	(No statement)
Radioactive tailings [Radioactive waste]	Mass	1,99E-03	•	(Calculated)
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	4,25E-01	Bq	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	2,05E-01	Bq	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	1,44E+00	•	(No statement)
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	1,44E+03	•	(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	3,54E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to air]	Activity	1,86E-02		(No statement)
Radium (Ra228) [Radioactive emissions to fresh water]	Activity	8,50E-01	Bq	(No statement)
Radium (Ra228) [Radioactive emissions to sea water]	Activity	4,09E-01	Bq	(No statement)
Radon (Rn220) [Radioactive emissions to air]	Activity	1,76E-04	•	(No statement)
Radon (Rn222) [Air]	Activity	5,45E+06	•	(No statement)
Radon (Rn222) [Radioactive emissions to air]	Activity	1,61E+05	•	(Literature)
Red mud (wet) (3% NaOH) [Hazardous waste for	, totivity	1,012.00	29	(Litorataro)
disposal]	Mass	2,27E-03	kg	Measured
Residues for incineration [Waste for disposal]	Mass	2,92E-06	kg	(No statement)
Rolling tinder [Waste for recovery]	Mass	1,50E-03	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	1,56E-07	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air]	Activity	1,71E-09	Bq	(No statement)
Ruthenium (Ru103) [Radioactive emissions to fresh water]	Activity	1,66E-06	Bq	(No statement)
Ruthenium (Ru106) [Radioactive emissions to fresh	A		D	Ostavlated
water]	Activity	5,74E-02	•	Calculated
Scandium [Fresh water]	Mass	2,25E-07	•	(No statement)
Scandium [Inorganic emissions to air]	Mass	1,60E-09	•	(Estimated)
Scandium [Inorganic emissions to fresh water]	Mass	5,49E-08	•	(No statement)
Selenium [Fresh water]	Mass	2,74E-07	•	(No statement)
Selenium [Heavy metals to air]	Mass	2,21E-06	•	(Literature)
Selenium [Heavy metals to fresh water]	Mass	6,34E-07	0	(Literature)
Selenium [Heavy metals to sea water] Sewage sludge (waste water processing) [Hazardous	Mass	1,26E-09	Ū	(No statement)
waste]	Mass	6,50E-04		Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	6,16E-11	kg	(No statement)
Silicon dioxide (silica) [Particles to air]	Mass	0,00E+00	•	Estimated
Silicon dioxide (silica) [Particles to fresh water]	Mass	0,00E+00	•	Estimated
Silver (Ag110m) [Radioactive emissions to air]	Activity	1,69E-08	•	(No statement)
Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	4,20E-01	•	(Literature)
Silver [Fresh water]	Mass	7,26E-10	Ū	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	2,68E-11	kg	(No statement)
Silver [Heavy metals to air]	Mass	2,19E-12	•	(No statement)
Silver [Heavy metals to fresh water]	Mass	1,71E-08	•	(Literature)
Silver [Heavy metals to sea water]	Mass	2,45E-09	•	(No statement)
Slag (Iron plate production) [Waste for recovery]	Mass	1,52E-02	•	(Measured)
Slag (Mo-containing) [Waste for recovery]	Mass	8,42E-08	•	Estimated
Slag [Hazardous waste]	Mass	1,53E-03	•	(Literature)
Slag [Waste for recovery]	Mass	2,74E-03	ку	(Literature)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Sludge [Hazardous waste]	Mass	1,02E-02	kg	(Calculated)
Sludge from water works (6% dry matter-content) [Waste				
for disposal]	Mass	4,26E-08	kg	(No statement)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	5,95E-05	Bq	(No statement)
Sodium [Fresh water]	Mass	2,62E-04		(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	4,12E-02		(Literature)
Sodium [Inorganic emissions to sea water]	Mass	1,25E-03	kg	(No statement)
Sodium chlorate [high population density]	Mass	4,50E-09	kg	(No statement)
Sodium chloride (rock salt) [Inorganic intermediate	Maaa		ka	Coloulated
products] Sodium dichromate [high population density]	Mass Mass	5,49E-05	kg ka	Calculated
		4,89E-08	kg ka	(No statement)
Sodium formate [high population density]	Mass	4,45E-11	kg kg	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	1,07E-10	kg ka	(No statement)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	1,53E-07		(Estimated)
Solder paste waste [Hazardous waste for recovery]	Mass	6,94E-05 2,51E-03	kg ka	Estimated
Solids (dissolved) [Analytical measures to fresh water]	Mass	2,51E-03 1,12E-02	kg kg	(Literature)
Solids (suspended) [Fresh water]	Mass		Ū	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	4,51E-03	kg ka	(Estimated)
Solids (suspended) [Particles to sea water] Spoil [Stockpile goods]	Mass	4,35E-04 5,00E-10	kg ka	(No statement)
	Mass		kg ka	Calculated
Steam [Inorganic emissions to air]	Mass	6,50E+00	kg	(Estimated)
Steel works slag [Waste for recovery]	Mass	7,85E-03	kg Da	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	1,81E-02	Bq	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	9,81E+00	Bq	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	6,16E+00	Bq	(No statement)
Strontium [Fresh water]	Mass	2,82E-05		(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	4,17E-10	kg	(No statement)
Strontium [Heavy metals to fresh water]	Mass Mass	6,51E-05 7,38E-08		(Literature)
Strontium [Heavy metals to industrial soil]			kg ka	(No statement)
Strontium [Heavy metals to sea water] Strontium [Inorganic emissions to air]	Mass Mass	2,46E-05 1,26E-07	kg kg	(No statement) (Estimated)
Storitum [morganic emissions to air]		6,03E-10		
Suppate [Fresh water]	Mass Mass	3,76E-03	kg kg	(No statement) (No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	2,13E-02	kg kg	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	4,80E-05	kg	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	4,00E-03 3,15E-07	0	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	7,03E-08	0	(No statement)
Sulphite [Inorganic emissions to sea water]	Mass	1,11E-05	kg	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	4,38E-05	0	(No statement)
Sulphur [Inorganic emissions to agricultural soli]	Mass	4,36E-05 2,26E-06	0	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass	2,20L-00 4,43E-06	-	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	4,43E-00 6,06E-08	kg	(No statement)
Sulphur dioxide [Inorganic emissions to sea water]	Mass	7,36E-02	-	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass	1,80E-02	-	(Literature)
Sulphuric acid [Inorganic emissions to air]	Mass	2,52E-07	•	(Calculated)
Tailings [Stockpile goods]	Mass	1,03E+00	kg	(Literature)
Tebutam [Pesticides to agricultural soil]	Mass	1,56E-10	kg	(No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	INI233	1,502-10	Ng	
water]	Activity	1,81E-04	Bq	(No statement)
Teflubenzuron [Pesticides to agricultural soil]	Mass	1,47E-11	kg	(No statement)
Tellurium (Te123m) [Radioactive emissions to fresh			0	· · · · · · · · · · · · · · · · · · ·
water]	Activity	1,48E-02	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water]	Activity	4,55E-07	Bq	(No statement)
Tetrafluoromethane [Halogenated organic emissions to	Mass	1,28E-06	kg	Measured

Flow - Outputs air]	Quantity	Amount	Unit	Origin of data
Thallium [Fresh water]	Mass	4,67E-08	kg	(No statement)
Thallium [Heavy metals to air]	Mass	9,36E-09	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	2,11E-08	kg	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	4,84E-03	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	1,70E+00	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	8,18E-01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	4,68E+01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	1,06E+02	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	6,84E-03	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	1,12E-01	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	4,21E-02	Bq	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	7,79E-01	Bq	(No statement)
Tin [Fresh water]	Mass	1,76E-05	kg	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	1,74E-08	kg	(No statement)
Tin [Heavy metals to air]	Mass	7,30E-07	kg	(Calculated)
Tin [Heavy metals to fresh water]	Mass	6,67E-08	kg	(Literature)
Titanium [Heavy metals to agricultural soil]	Mass	4,55E-06	kg	(No statement)
Titanium [Heavy metals to air]	Mass	7,43E-07	kg	(Estimated)
Titanium [Heavy metals to fresh water]	Mass	1,43E-06	kg	(Literature)
Titanium [Heavy metals to sea water]	Mass	7,82E-10	kg	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	3,11E-05	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	2,29E-06	kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	5,89E-07	kg	(No statement)
Top Cover (E-Paper) [Flows]	Mass	3,82E-01	kg	(No statement)
Total dissolved organic bounded carbon [Analytical				
measures to fresh water]	Mass	1,09E-03	kg	(Estimated)
Total dissolved organic bounded carbon [Analytical	Maaa		1.0	(No statement)
measures to sea water] Total organic bounded carbon [Analytical measures to	Mass	1,45E-04	kg	(No statement)
fresh water]	Mass	2,65E-03	kg	(Measured)
Total organic bounded carbon [Analytical measures to	made	2,002 00	Ng	(modourou)
sea water]	Mass	1,45E-04	kg	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	1,25E-03	kg	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	2,04E-03	kg	(Calculated)
Tributyltinoxide [Pesticides to sea water]	Mass	6,28E-08	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic			-	
emissions to air]	Mass	3,26E-09	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic			1	
emissions to fresh water]	Mass	3,02E-16		(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	5,49E-08	kg	(No statement)
Tungsten [Fresh water]	Mass	1,67E-07	-	(No statement)
Tungsten [Heavy metals to fresh water]	Mass	1,14E-07	-	(No statement)
Uranium (total) [Radioactive emissions to air]	Activity	2,40E+00	Bq	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	6,27E-01	Bq	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	9,35E-01	Bq	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	3,04E-02		(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	1,54E+00	Bq	(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	1,60E+00	Bq	(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	2,59E+00	Bq	(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	1,23E-02	•	(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	6,26E+01	Bq	(Literature)
Uranium depleted [Radioactive waste]	Mass	3,90E-05	kg kg	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	3,09E-09	ĸġ	(Calculated)

Flow Outputs	0	A	11	Oninin of data
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Used air [Other emissions to air]	Mass	2,27E+00	0	(Measured)
Used oil [Hazardous waste for recovery]	Mass	3,53E-12	•	(Literature)
Vanadium [Fresh water]	Mass	4,08E-06	•	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	1,30E-07		(No statement)
Vanadium [Heavy metals to air]	Mass	7,97E-06	kg	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	2,07E-06	kg	(Literature)
Vanadium [Heavy metals to sea water]	Mass	2,52E-09	•	(No statement)
Waste heat [Fresh water]	Energy	8,91E-03		(No statement)
Waste heat [Other emissions to air]	Energy (1,76E+02		(Measured)
Waste heat [Other emissions to fresh water]	Energy	1,38E+01		(Measured)
Waste paper [Waste for recovery]	Mass	3,40E-06	0	Measured
Waste radioactive [Radioactive waste]	Mass	3,29E-05	•	(Literature)
Waste water [Other emissions to fresh water]	Mass	1,28E+04	kg	(Literature)
Waste water processing residue [Hazardous waste for	Mass	1,12E-01	ka	Literature
recovery] Wave solder dross [Hazardous waste for recovery]	Mass	2,72E-04	kg kg	Estimated
Vinyl chloride (VCM; chloroethene) [Halogenated organic	111222	2,72E-04	ĸġ	Estimated
emissions to air]	Mass	3,18E-07	kg	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic	Madd	0,102 07	Ng	Calculatou
emissions to fresh water]	Mass	1,04E-09	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group		,	0	· · · · · · · · · · · · · · · · · · ·
VOC)]	Mass	3,16E-04	kg	(Literature)
VOC [Organic emissions to fresh water]	Mass	4,93E-06	kg	(No statement)
VOC [Organic emissions to sea water]	Mass	1,43E-06	kg	(No statement)
Volatile fission products (inert gases;iodine;C14)				
[Radioactive waste]	Mass	1,27E-09	kg	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	2,66E+00	Bq	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	3,99E+02	Bq	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	3,70E+00	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	1,44E+02	Bq	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	3,31E+01	Bq	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	7,70E-02	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	7,54E+00	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	1,89E-04	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
fresh water]	Mass	1,09E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to	Maaa		1.0	(No statement)
sea water] Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group	Mass	4,87E-07	кд	(No statement)
NMVOC to air]	Mass	2,99E-06	kg	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	2,33E-00 3,27E-07	•	(No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	8,07E-04	•	(No statement)
Zinc [Fresh water]	Mass	2,04E-05	•	(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	2,04E-05 7,18E-06	0	(No statement)
Zinc [Heavy metals to agricultural soli]	Mass	3,02E-05	•	(Literature)
Zinc [Heavy metals to fresh water]	Mass	1,15E-05	•	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	7,01E-06		Measured
			0	
Zinc [Heavy metals to sea water]	Mass Mass	6,17E-06 3,59E-08	•	(No statement) Measured
Zinc sulphate [Inorganic emissions to air]				
Zirconium (Zr) [Air] Zirconium (Zr)5) [Redicactive emissions to air]	Mass Activity	7,99E-11	kg Pa	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	3,20E-07	•	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	9,34E-06	Bq	(No statement)

Appendix 2.8 LCI Data – Tablet e-paper newspaper, European scenario

In the tables below the LCI data for the studied system "Tablet e-paper newspaper European scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Air [Renewable resources]	Mass	4,11E+01	kg	(Literature)
Aluminum [Non renewable elements]	Mass	7,88E-04	-	(No statement)
Ammonium nitrate [Inorganic intermediate products]	Mass	4,24E-07	kg	Estimated
Antimonite [Non renewable resources]	Mass	1,46E-11	kg	(No statement)
Barium sulphate [Non renewable resources]	Mass	1,06E-03	kg	(No statement)
Basalt [Non renewable resources]	Mass	7,28E-05	kg	(No statement)
Bauxite [Non renewable resources]	Mass	2,90E-02	kg	(Calculated)
Bentonite [Non renewable resources]	Mass	7,32E-04	kg	(Literature)
Blast furnace dust [Organic intermediate products]	Mass	7,66E-08	kg	Calculated
Borax [Non renewable resources]	Mass	2,84E-08	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	4,62E-10	kg	Literature
Carbon dioxide [Renewable resources]	Mass	1,51E-01	kg	Literature
Catalyst [Operating materials]	Mass	3,99E-09	kg	Calculated
Chromium [Non renewable elements]	Mass	1,38E-04	kg	(No statement)
Chromium ore [Non renewable resources]	Mass	1,36E-21	kg	Calculated
Chrysotile [Non renewable resources]	Mass	2,30E-08	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	2,20E-09	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	1,23E-07	kg	Calculated
Clay [Non renewable resources]	Mass	4,82E-03	kg	(No statement)
Cobalt [Non renewable elements]	Mass	3,66E-10	kg	(No statement)
Colemanite ore [Non renewable resources]	Mass	6,93E-03	kg	Calculated
Cooling water [Operating materials]	Mass	6,02E+01	kg	(Measured)
Copper [Non renewable elements]	Mass	4,23E-04	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	4,95E+00	kg	(Measured)
Copper ore (0.2%) [Non renewable resources]	Mass	1,44E-02	kg	Calculated
Copper ore (0.3%) [Non renewable resources]	Mass	2,12E-07	kg	Estimated
Copper ore (2%) [Non renewable resources]	Mass	1,26E-01	kg	Calculated
Copper ore (4%) [Non renewable resources]	Mass	7,88E-04	kg	Calculated
Copper scrap [Waste for recovery]	Mass	4,23E-03	kg	Estimated
Copper scrap prepared [Metals] Not followed to the		_		
cradle	Mass	1,10E-03	kg	Calculated
Crude oil [Crude oil (resource)]	Mass	1,71E-01	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	1,31E-02	•	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	4,96E-03	•	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	6,01E-05	•	Literature
Crude oil Australia [Crude oil (resource)]	Mass	1,75E-03	•	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	1,30E-03	•	Literature
Crude oil Brunei [Crude oil (resource)]	Mass	3,40E-12	•	Estimated
Crude oil Cameroon [Crude oil (resource)]	Mass	2,88E-03	-	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	7,24E-03	•	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	8,01E-04	•	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	4,64E-04	•	(Calculated)
Crude oil China [Crude oil (resource)]	Mass	3,06E-03	•	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	5,73E-02	kg	(Literature)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Crude oil Colombia [Crude oil (resource)]	Quantity Mass	1,46E-06	kg	Origin of data Literature
Crude oil Colombia [Crude oil (resource)]	Mass	2,86E-04	-	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	2,80E-04 8,83E-03	•	(Estimated)
Crude oil Egypt [Crude oil (resource)] Crude oil France [Crude oil (resource)]	Mass	0,03E-03 1,85E-04	•	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	-1,51E-06	kg	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	4,30E-04	•	(Estimated)
Crude oil Gabori [Crude oil (resource)]	Mass	4,30E-04 4,70E-03	•	(Literature)
Crude oil Germany [Crude oil (resource)]	Mass	4,70E-03	•	(Estimated)
Crude oil Iran [Crude oil (resource)]	Mass	4,02L-03 3,91E-02	-	(Estimated)
Crude oil Italy [Crude oil (resource)]	Mass	9,00E-03	0	(Literature)
Crude oil Kuwait [Crude oil (resource)]	Mass	9,00E-03 4,13E-03	-	(Estimated)
Crude oil Ruwait [Crude oil (resource)]	Mass	4,13⊑-03 6,58E-02	-	(Literature)
Crude oil Libya [Crude oil (resource)] Crude oil Mexico [Crude oil (resource)]	Mass	0,38E-02 3,23E-03	•	(Literature)
Crude oil Middle East [Crude oil (resource)]	Mass	2,03E-03	•	(Calculated)
Crude oil Middle Last [Crude oil (resource)] Crude oil Netherlands [Crude oil (resource)]	Mass	2,03E-03 4,79E-04	kg	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	4,79E-04 5,55E-05	-	(Estimated)
Crude oil Nigeria [Crude oil (resource)]	Mass	1,45E-02	-	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	1,45E-02 1,57E-03	0	(Calculated)
Crude oil Norway [Crude oil (resource)]	Mass	3,08E-02	-	(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	3,08E-02 1,42E-03	•	(Estimated)
Crude oil Onan [Crude oil (resource)] Crude oil Qatar [Crude oil (resource)]	Mass	1,42E-03	-	· ,
- , ,-			•	(Estimated)
Crude oil Saudi Arabia [Crude oil (resource)]	Mass Mass	5,10E-02	•	(Estimated)
Crude oil Tunisia [Crude oil (resource)]		4,26E-04	-	(Literature)
Crude oil United Arab Emirates [Crude oil (resource)]	Mass Mass	5,55E-03 4,00E-02	•	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]		4,00E-02 4,12E-05	-	(Literature)
Crude oil USA [Crude oil (resource)] Crude oil Venezuela [Crude oil (resource)]	Mass Mass	4,12E-03 9,26E-03	•	Literature (Literature)
Diatomite [Non renewable resources]	Mass	9,20E-03 1,41E-10		
	Mass	1,41E-10 2,39E-05	kg kg	(No statement)
Dolomite [Non renewable resources]	Energy	2,39E-00	kg	(Literature)
Energy, calorific value, in organic substance [biotic]	ren.	1,67E+00	MJ	(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	1,82E-11	kg	(No statement)
Fluorine [Non renewable elements]	Mass	1,43E-06	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable			-	
resources]	Mass	1,45E-03	•	Calculated
Granite [Non renewable resources]	Mass	7,33E-08	•	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	1,42E-07	0	(No statement)
Hard coal [Hard coal (resource)]	Mass	7,71E-01	-	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	3,97E-02	•	(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	2,31E-03	kg	(Calculated)
Hard coal Brazil [Hard coal (resource)]	Mass	2,07E-04	•	(Estimated)
Hard coal Canada [Hard coal (resource)]	Mass	1,11E-02	-	(Calculated)
Hard coal China [Hard coal (resource)]	Mass	7,15E-02	kg	(Calculated)
Hard coal CIS [Hard coal (resource)]	Mass	1,46E-02	-	(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	2,31E-02	-	(Calculated)
Hard coal Czech Republic [Hard coal (resource)]	Mass	8,14E-03	-	(Calculated)
Hard coal France [Hard coal (resource)]	Mass	3,03E-02	-	(Calculated)
Hard coal Germany [Hard coal (resource)]	Mass	2,39E-01	•	(Calculated)
Hard coal Indonesia [Hard coal (resource)]	Mass	1,50E-02	-	(Calculated)
Hard coal Japan [Hard coal (resource)]	Mass	3,25E-03	•	(Calculated)
Hard coal Poland [Hard coal (resource)]	Mass	3,52E-02	-	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	4,50E-04	•	(Estimated)
Hard coal South Africa [Hard coal (resource)]	Mass	5,74E-01	kg	(Calculated)

Flow lowette	0	A	11	Oninin of data
Flow - Inputs	Quantity	Amount	Unit	Origin of data
Hard coal Spain [Hard coal (resource)]	Mass	5,95E-02	0	(Calculated)
Hard coal United Kingdom [Hard coal (resource)] Hard coal USA [Hard coal (resource)]	Mass Mass	6,73E-03 1,22E-01	•	(Calculated) (Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	6,69E-03	kg kg	(Calculated)
Heavy spar (barytes) [Non renewable resources]	Mass	4,82E-03	kg	(Literature)
Inert rock [Non renewable resources]	Mass	4,02E 00	kg	(Calculated)
Infrastructure telecommunication [Flows] Not followed to	Number of	1,712101	Ng	(Ouloulated)
the cradle	pieces	2,11E-01	pcs.	Estimated
Iron [Non renewable elements]	Mass	8,49E-03	kg	(Literature)
Iron ore (65%) [Non renewable resources]	Mass	4,55E-04	kg	(Calculated)
Iron ore [Non renewable resources]	Mass	2,44E-03	kg	(Calculated)
Kaolin ore [Non renewable resources]	Mass	1,24E-02	kg	Measured
Kaolinite (24% in ore as mined) [Non renewable				
resources]	Mass	8,26E-06	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable	Maaa		ka	(No statement)
resources]	Mass	5,07E-08	•	(No statement) Calculated
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	2,39E-02	•	
Lead [Non renewable elements]	Mass	3,72E-04	•	(No statement)
Lead ore [Non renewable resources]	Mass	3,58E-03		Estimated
Lignite [Lignite (resource)]	Mass	9,87E-01	kg	(Literature)
Lignite Australia [Lignite (resource)]	Mass	2,04E-03	•	Literature
Lignite Austria [Lignite (resource)]	Mass	6,21E-06	•	(Calculated)
Lignite France [Lignite (resource)]	Mass	3,49E-06	•	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	2,61E-04	-	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	2,15E-02	kg	Calculated
Lignite Germany [Lignite (resource)]	Mass	1,02E+00	kg	(Literature)
Lignite Greece [Lignite (resource)]	Mass	5,66E-01	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	1,14E-01	kg ka	Literature
Lignite USA [Lignite (resource)] Limestone (calcium carbonate) [Non renewable	Mass	2,19E-04	kg	Literature
resources]	Mass	1,29E-01	kg	(Literature)
Lithiumerz (R.O.M) [Non renewable resources]	Mass	2,65E-04	•	Calculated
Magnesit (Magnesium carbonate) [Non renewable		_,		
resources]	Mass	1,00E-04	•	Calculated
Magnesium [Non renewable elements]	Mass	8,05E-09	kg	(No statement)
Magnesium carbonate [Inorganic intermediate products]	Mass	2,96E-03	kg	Estimated
Manganese [Non renewable elements]	Mass	1,72E-05	kg	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	2,26E-02	kg	Calculated
Molybdenum [Non renewable elements]	Mass	2,40E-05	kg	(No statement)
Natural Aggregate [Non renewable resources]	Mass	1,24E-01	kg	Calculated
Natural gas [Natural gas (resource)]	Mass	3,32E-01	kg	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	3,38E-02	•	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	4,02E-04	kg	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	1,97E-06	kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	7,25E-03	kg	(Literature)
Natural gas Brazil [Natural gas (resource)]	Mass	4,59E-04	•	(Literature)
Natural gas Brunei [Natural gas (resource)]	Mass	5,10E-03	kg	(Estimated)
Natural gas Cameroon [Natural gas (resource)]	Mass	2,33E-04	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	2,51E-04	•	(Literature)
Natural gas China [Natural gas (resource)]	Mass	1,74E-04		(Calculated)
Natural gas CIS [Natural gas (resource)]	Mass	3,39E-01	kg	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	5,54E-08	kg	Literature
Natural gas Denmark [Natural gas (resource)]	Mass	9,32E-03	kg	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	7,16E-04	kg	(Estimated)

Appendix 2.8 LCI Data – Tablet e-paper newspaper, European scenario

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Natural gas France [Natural gas (resource)]	Mass	1,73E-03	kg	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	3,57E-05	kg	(Estimated)
Natural gas Germany [Natural gas (resource)]	Mass	1,84E-01	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	1,62E-02	kg	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	1,46E-03	kg	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	1,90E-02	kg	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	1,61E-03	kg	(Estimated)
Natural gas Kuwait [Natural gas (resource)]	Mass	1,54E-04	kg	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	6,59E-03	kg	(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	7,21E-03	kg	(Estimated)
Natural gas Mexico [Natural gas (resource)]	Mass	1,06E-04	•	(Literature)
Natural gas Netherlands [Natural gas (resource)]	Mass	2,99E-01	kg	(Literature)
Natural gas New Zealand [Natural gas (resource)]	Mass	1,23E-06	-	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	1,17E-03	kg	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	1,42E-01	kg	(Literature)
Natural gas Oman [Natural gas (resource)]	Mass	5,31E-05	kg	(Estimated)
Natural gas Qatar [Natural gas (resource)]	Mass	5,52E-05	kg	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	1,91E-03	kg	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	3,40E-04	kg	(Estimated)
Natural gas Tunisia [Natural gas (resource)]	Mass	3,45E-05	•	(Literature)
Natural gas United Arab Emirates [Natural gas	mace	0,102 00	ng -	(Literature)
(resource)]	Mass	3,86E-03	kg	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	7,00E-03	kg	(Estimated)
Natural gas USA [Natural gas (resource)]	Mass	1,43E-03	kg	(Literature)
Natural gas Venezuela [Natural gas (resource)]	Mass	5,45E-04	kg	(Literature)
Nickel [Non renewable elements]	Mass	3,86E-04	kg	(No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	1,48E-01	kg	(Measured)
Nickel ore [Non renewable resources]	Mass	5,08E-02	kg	(No statement)
Nitrogen [Renewable resources]	Mass	2,76E-06	kg	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime	4,05E-05	m2*yr	(No statement)
Occupation, construction site [Hemerobie ecoinvent]	Areatime	9,24E-05	m2*yr	(No statement)
Occupation, dump site [Hemerobie ecoinvent]	Areatime		•	(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime		-	(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent] Occupation, forest, intensive, normal [Hemerobie	Areatime	1,38E-04	m2*yr	(No statement)
ecoinvent]	Areatime	7,00E-02	m2*yr	(No statement)
Occupation, industrial area [Hemerobie ecoinvent] Occupation, industrial area, benthos [Hemerobie	Areatime	2,81E-03	m2*yr	(No statement)
ecoinvent] Occupation, industrial area, built up [Hemerobie	Areatime	1,83E-06	m2*yr	(No statement)
ecoinvent] Occupation, industrial area, vegetation [Hemerobie	Areatime	1,98E-04	m2*yr	(No statement)
ecoinvent] Occupation, mineral extraction site [Hemerobie	Areatime	1,58E-04	m2*yr	(No statement)
ecoinvent] Occupation, permanent crop, fruit, intensive [Hemerobie	Areatime	3,33E-03	m2*yr	(No statement)
ecoinvent]	Areatime	6,18E-06	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie ecoinvent]	Areatime	2,21E-05	m2*yr	(No statement)
Occupation, traffic area, rail embankment [Hemerobie ecoinvent]	Areatime	1,37E-04	m2*yr	(No statement)
Occupation, traffic area, rail network [Hemerobie ecoinvent]	Areatime	1,51E-04	m2*yr	(No statement)
Occupation, traffic area, road embankment [Hemerobie ecoinvent]	Areatime	7,19E-04	m2*yr	(No statement)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Occupation, traffic area, road network [Hemerobie ecoinvent]	Areatime	6,22E-04	m2*yr	(No statement)
Occupation, urban, discontinuously built [Hemerobie ecoinvent]	Areatime	8,04E-08	m2*yr	(No statement)
Occupation, water bodies, artificial [Hemerobie ecoinvent]	Areatime	9,47E-03	m2*yr	(No statement)
Occupation, water courses, artificial [Hemerobie ecoinvent]	Areatime	3,68E-03	m2*yr	(No statement)
Olivine [Non renewable resources]	Mass	1,61E-09	kg	(No statement)
Oxygen [Renewable resources]	Mass	2,82E-07	kg	Literature
Palladium [Non renewable elements]	Mass	5,71E-10	kg	(No statement)
Peat [Renewable resources]	Mass Number of	1,03E-02	0	(No statement)
Personal computer [Flows] Not followed to the cradle	pieces	5,56E-03	•	Calculated
Phosphate ore [Non renewable resources]	Mass	2,36E-07	-	(Estimated)
Phosphorus [Non renewable elements]	Mass	5,77E-06	0	(No statement)
Pit gas [Natural gas (resource)]	Mass	1,59E-02	0	(Literature)
Platinum [Non renewable elements]	Mass	8,84E-11	•	(No statement)
Potassium chloride [Non renewable resources]	Mass	1,93E-08	kg	(Literature)
Precious metal ore (R.O.M) [Non renewable resources]	Mass	4,24E+00	kg	(No statement)
Primary energy from geothermics [Renewable energy	Energy			
resources]	ren.	1,33E-08	MJ	Estimated
Primary energy from hydro power (BUWAL) [Renewable	Energy	-1,08E-04	N / I	Literature
energy resources] Primary energy from hydro power [Renewable energy	ren. Energy	-1,00E-04	IVIJ	Literature
resources]	ren.	1,48E+01	MJ	(Literature)
Primary energy from solar energy [Renewable energy	Energy	1,102101		(Entertation)
resources]	ren.	9,48E-03	MJ	Estimated
Primary energy from wind power [Renewable energy	Energy			
resources]	ren.	1,07E+00		Calculated
Process and cooling water [Operating materials]	Mass	7,41E-09	0	Literature
Process water [Operating materials] Quartz sand (silica sand; silicon dioxide) [Non renewable	Mass	8,06E+01	kg	(Measured)
resources]	Mass	2,25E-02	•	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	-1,78E-07	0	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	-1,53E-07	-	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	-2,51E-07	0	Literature
Renewable fuels [Renewable energy resources]	Mass	5,20E-04	•	(Estimated)
Rhenium [Non renewable elements]	Mass	4,39E-12	-	(No statement)
Rhodium [Non renewable elements]	Mass	1,58E-11	0	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	6,63E-12	0	(No statement)
sand [Non renewable resources]	Mass	4,55E-06	•	(No statement)
Silver [Non renewable elements]	Mass	3,91E-09	-	(No statement)
Slate [Non renewable resources]	Mass	1,04E-08	0	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	2,87E-01	•	(Literature)
Sodium sulphate [Non renewable resources]	Mass	1,02E-04	0	Literature
Soil [Non renewable resources]	Mass	2,62E-02	-	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass	2,14E-04	0	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	1,35E-16	0	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	2,93E-07	0	(Literature)
Sulphur [Non renewable elements]	Mass	2,79E-06	0	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	2,23E-06	0	(No statement)
Talc [Non renewable resources]	Mass	6,20E-07	0	(No statement)
Tall oil (raw product) [Organic intermediate products]	Mass	1,24E-04	•	(No statement)
Tin [Non renewable elements]	Mass	1,10E-07	кg	(No statement)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Tin ore [Non renewable resources]	Mass	9,86E-03		Estimated
Titanium dioxide [Non renewable resources]	Mass	1,08E-04	kg	(No statement)
Titanium ore [Non renewable resources]	Mass	1,57E-05	kg	(No statement)
Transformation, from arable [Hemerobie ecoinvent]	Area	2,95E-06	-	(No statement)
Transformation, from arable, non-irrigated [Hemerobie	Alca	2,001 00	Sqiii	(No statement)
ecoinvent] Transformation, from arable, non-irrigated, fallow	Area	7,47E-05	sqm	(No statement)
[Hemerobie ecoinvent]	Area	5,07E-08	sam	(No statement)
Transformation, from dump site, inert material landfill	/ 104	0,07 - 00	oqm	
[Hemerobie ecoinvent]	Area	2,68E-06	sqm	(No statement)
Transformation, from dump site, residual material landfill	A			(NIA atatamant)
[Hemerobie ecoinvent] Transformation, from dump site, sanitary landfill	Area	1,54E-06	sqm	(No statement)
[Hemerobie ecoinvent]	Area	1,07E-07	sqm	(No statement)
Transformation, from dump site, slag compartment			•	
[Hemerobie ecoinvent]	Area	9,10E-08	•	(No statement)
Transformation, from forest [Hemerobie ecoinvent]	Area	2,43E-04	sqm	(No statement)
Transformation, from forest, extensive [Hemerobie	A			(NIA atatamant)
ecoinvent] Transformation, from industrial area [Hemerobie	Area	5,00E-04	sqm	(No statement)
ecoinvent]	Area	7,76E-06	sqm	(No statement)
Transformation, from industrial area, benthos [Hemerobie		,	•	· · · · · · · · · · · · · · · · · · ·
ecoinvent]	Area	8,85E-09	sqm	(No statement)
Transformation, from industrial area, built up [Hemerobie	A = 0 0			(Ne statement)
ecoinvent] Transformation, from industrial area, vegetation	Area	1,41E-09	sqm	(No statement)
[Hemerobie ecoinvent]	Area	2,41E-09	sqm	(No statement)
Transformation, from mineral extraction site [Hemerobie		,	•	· · · · · · · · · · · · · · · · · · ·
ecoinvent]	Area	5,19E-05	sqm	(No statement)
Transformation, from pasture and meadow [Hemerobie ecoinvent]	Area	2 20E 05	oam	(No statement)
Transformation, from pasture and meadow, intensive	Alea	3,28E-05	sqm	(NO Statement)
[Hemerobie ecoinvent]	Area	6,02E-08	sqm	(No statement)
Transformation, from sea and ocean [Hemerobie			-	
ecoinvent]	Area	1,85E-04	sqm	(No statement)
Transformation, from shrub land, sclerophyllous	Aroo		oam	(No statement)
[Hemerobie ecoinvent] Transformation, from unknown [Hemerobie ecoinvent]	Area	2,59E-05		(No statement)
Transformation, to arable [Hemerobie econvent]	Area Area	2,63E-04 6,16E-05	•	(No statement) (No statement)
Transformation, to arable, non-irrigated [Hemerobie	Alea	0,100-05	sqiii	(NO Statement)
ecoinvent]	Area	7,48E-05	sqm	(No statement)
Transformation, to arable, non-irrigated, fallow			-	
[Hemerobie ecoinvent]	Area	7,24E-08	•	(No statement)
Transformation, to dump site [Hemerobie ecoinvent]	Area	3,77E-05	sqm	(No statement)
Transformation, to dump site, benthos [Hemerobie ecoinvent]	Area	1,85E-04	sam	(No statement)
Transformation, to dump site, inert material landfill	Alea	1,000-04	Sqiii	(NO Statement)
[Hemerobie ecoinvent]	Area	2,68E-06	sqm	(No statement)
Transformation, to dump site, residual material landfill				
[Hemerobie ecoinvent]	Area	1,54E-06	sqm	(No statement)
Transformation, to dump site, sanitary landfill [Hemerobie ecoinvent]	Area	1,07E-07	sam	(No statement)
Transformation, to dump site, slag compartment	והמ	1,07 -07	эчш	(ואט זומובווופווון)
[Hemerobie ecoinvent]	Area	9,10E-08	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent]	Area	1,21E-05	sqm	(No statement)
Transformation, to forest, intensive [Hemerobie				(1)
ecoinvent]	Area	9,19E-07	sqm	(No statement)

Appendix 2.8 LCI Data – Tablet e-paper newspaper, European scenario

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Transformation, to forest, intensive, normal [Hemerobie ecoinvent]	Area	4,94E-04	sqm	(No statement)
Transformation, to heterogeneous, agricultural [Hemerobie ecoinvent]	Area	1,11E-05	cam	(No statement)
Transformation, to industrial area [Hemerobie ecoinvent]	Area	5,25E-05		(No statement) (No statement)
Transformation, to industrial area, benthos [Hemerobie	Alea	J,2JL-0J	Sqiii	(NO Statement)
ecoinvent]	Area	6,83E-08	sam	(No statement)
Transformation, to industrial area, built up [Hemerobie		,	•	· · · · · ·
ecoinvent]	Area	6,39E-06	sqm	(No statement)
Transformation, to industrial area, vegetation [Hemerobie	A			
ecoinvent] Transformation, to mineral extraction site [Hemerobie	Area	4,51E-06	sqm	(No statement)
ecoinvent]	Area	3,06E-04	sam	(No statement)
Transformation, to pasture and meadow [Hemerobie		0,002 01	• •	(
ecoinvent]	Area	1,12E-06	sqm	(No statement)
Transformation, to permanent crop, fruit, intensive				
[Hemerobie ecoinvent]	Area	1,04E-07	•	(No statement)
Transformation, to sea and ocean [Hemerobie econvent]	Area	8,85E-09	sqm	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie ecoinvent]	Area	4,42E-06	sam	(No statement)
Transformation, to traffic area, rail embankment	Alea	4,422-00	Sqiii	(NO Statement)
[Hemerobie ecoinvent]	Area	3,19E-07	sqm	(No statement)
Transformation, to traffic area, rail network [Hemerobie		,	•	· · · · · ·
ecoinvent]	Area	3,50E-07	sqm	(No statement)
Transformation, to traffic area, road embankment	A			
[Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	4,94E-06	sqm	(No statement)
ecoinvent]	Area	7,90E-06	sam	(No statement)
Transformation, to unknown [Hemerobie ecoinvent]	Area	6,83E-06	•	(No statement)
Transformation, to urban, discontinuously built	1.00	0,002 00	99	
[Hemerobie ecoinvent]	Area	1,60E-09	sqm	(No statement)
Transformation, to water bodies, artificial [Hemerobie				
ecoinvent]	Area	6,98E-05	sqm	(No statement)
Transformation, to water courses, artificial [Hemerobie ecoinvent]	Area	4,46E-05	sam	(No statement)
Ulexite [Non renewable resources]	Mass	4,43E-07	•	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-4,95E-09		Literature
Uranium free ore [Uranium (resource)]	Mass	4,69E-09	-	Literature
Uranium natural [Uranium (resource)]	Mass	1,62E-04	•	(Literature)
Waste (unspecified) [Consumer waste]	Mass	5,15E-02	•	(No statement)
Waste for recovery (unspecified) [Waste for recovery]	Mass	1,15E-01	kg	(No statement)
Water (feed water) [Water]	Mass	2,37E-02	kg	(Literature)
Water (ground water) [Water]	Mass	1,18E+02	kg	Estimated
Water (lake water) [Water]	Mass	4,59E-02	kg	(No statement)
Water (river water) [Water]	Mass	2,53E+01	kg	(No statement)
Water (sea water) [Water]	Mass	3,88E+00	•	(Literature)
Water (surface water) [Water]	Mass	1,57E+02	•	(Calculated)
Water [Water]	Mass	2,97E+02	•	(Measured)
Water for industrial use [Operating materials]	Mass	4,86E+00	•	(Calculated)
Water, salt, sole [in water]	Volume	1,13E-04		(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	3,66E+01		(No statement)
Vermiculite [Non renewable resources]	Mass	4,37E-08	кд	(No statement)
Volume occupied, final repository for low-active radioactive waste [Hemerobie ecoinvent]	Volume	1,21E-07	m3	(No statement)
Volume occupied, final repository for radioactive waste	VOIGHIC	·, 2 · C 01		
[Hemerobie ecoinvent]	Volume	3,06E-08	m3	(No statement)
-				,

Flow - Inputs	Quantity Cubic meter	Amount	Unit	Origin of data
Volume occupied, reservoir [Hemerobie ecoinvent] Volume occupied, underground deposit [Hemerobie	years	1,23E-01	m3a	(No statement)
ecoinvent]	Volume	6,02E-08	m3	(No statement)
Wood (BUWAL) [Renewable energy resources]	Mass	-3,51E-03	kg	Literature
Wood [Renewable energy resources]	Mass	1,24E-02	kg	(Calculated)
Wood, hard, standing [biotic]	Volume	5,03E-05	•	(No statement)
Wood, soft, standing [biotic] Zinc - copper ore (4.07%-2.59%) [Non renewable	Volume	1,12E-04		(No statement)
resources] Zinc - lead - copper ore (12%-3%-2%) [Non renewable	Mass	2,67E-01	kg	(Calculated)
resources] Zinc - lead ore (4.21%-4.96%) [Non renewable	Mass	2,02E-01	kg	Calculated
resources]	Mass	2,96E-09	kg	Estimated
Zinc [Non renewable elements]	Mass	1,42E-05	•	(No statement)
Zinc ore (sulphide) [Non renewable resources]	Mass	6,34E-11	0	Calculated
Flow - Outputs 1,1,1-Trichloroethane [Halogenated organic emissions to	Quantity	Amount	Unit	Origin of data
air]	Mass	2,04E-08	kg	Estimated
Acenaphthene [Hydrocarbons to fresh water]	Mass	3,76E-11	kg	(No statement)
Acenaphthene [Hydrocarbons to sea water]	Mass	1,88E-11	kg	(No statement)
Acenaphthylene [Hydrocarbons to fresh water]	Mass	2,35E-12	•	(No statement)
Acenaphthylene [Hydrocarbons to sea water]	Mass	1,17E-12	•	(No statement)
Acentaphthene [Group NMVOC to air]	Mass	9,36E-12	•	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	3,61E-06	•	(Literature)
Acetic acid [Group NMVOC to air]	Mass	1,66E-05	•	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	7,71E-08	•	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air]	Mass	4,03E-06	•	(Literature)
Acid (calculated as H+) [Inorganic emissions to fresh	111222	4,032-00	ĸġ	(Literature)
water]	Mass	3,88E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	1,25E-10	-	(No statement)
Acrolein [Group NMVOC to air]	Mass	6,12E-10	•	(No statement)
Acrylonitrile [Hydrocarbons to fresh water]	Mass	3,23E-05	kg	Calculated
Adsorbable organic halogen compounds (AOX)		0,202 00		
[Analytical measures to fresh water] Adsorbable organic halogen compounds (AOX)	Mass	2,36E-04	kg	(Measured)
[Analytical measures to sea water]	Mass	1,51E-09	kg	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	1,33E-06	Bq	(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	1,72E-01	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	1,30E-07	kg	(Literature)
Alkane (unspecified) [Group NMVOC to air]	Mass	5,09E-05	kg	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	7,85E-07	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	3,92E-07	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	3,42E-05	kg	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	7,25E-08	kg	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	3,62E-08	kg	(No statement)
Aluminum [Fresh water]	Mass	2,71E-03	kg	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	3,76E-06	kġ	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	9,04E-05	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	5,21E-06	0	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	2,14E-06	kg	(No statement)
Aluminum [Particles to air]	Mass	1,06E-04	•	(No statement)
Aluminum chips [Waste for recovery]	Mass	2,86E-04	•	Calculated

Appendix 2.8 LCI Data – Tablet e-paper newspaper, European scenario

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Aluminum oxide (alumina) [Waste for recovery]	Mass	2,26E-04	kg	(Calculated)
Aluminum scrap [Waste for recovery]	Mass	1,69E-03	kg	(Measured)
Americium (Am241) [Radioactive emissions to fresh	made	1,002 00	ng	(measured)
water]	Activity	1,18E-01	Bq	Calculated
Ammonia [Inorganic emissions to air]	Mass	1,02E-04	kg	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	1,80E-06	kg	(Measured)
Ammonium / ammonia [Fresh water]	Mass	2,93E-07	kg	(No statement)
Ammonium / ammonia [Inorganic emissions to fresh				
water]	Mass	7,89E-05	•	(Estimated)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	2,23E-07	kg	(No statement)
Ammonium [Inorganic emissions to air]	Mass	3,04E-06	•	Measured
Ammonium carbonate [high population density]	Mass	1,78E-09	•	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	1,72E-09	•	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	4,03E-05	•	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity	3,93E-05	•	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	2,96E-02	•	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	1,04E-06	•	(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	2,78E-02	•	(Literature)
Antimony [Fresh water]	Mass	1,51E-04	•	(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	1,62E-13		(No statement)
Antimony [Heavy metals to air]	Mass Mass	2,45E-07	kg ka	(Calculated)
Antimony [Heavy metals to fresh water]		8,22E-05	kg ka	(No statement)
Antimony [Heavy metals to industrial soil]	Mass	1,35E-11	kg Pa	(No statement)
Argon (Ar41) [Radioactive emissions to air]	Activity Mass	2,61E+02 3,18E-06	•	(Literature) (No statement)
Argon [Inorganic emissions to air] Aromatic hydrocarbons (unspecified) [Group NMVOC to	IVIASS	3,100-00	ку	(NO Statement)
air]	Mass	1,03E-06	ka	(Calculated)
Aromatic hydrocarbons (unspecified) [Hydrocarbons to		.,		(
fresh water]	Mass	3,17E-06	kg	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to				
sea water]	Mass	1,78E-06	0	(No statement)
Arsenic [Fresh water]	Mass	2,82E-07	0	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	1,10E-09	-	(No statement)
Arsenic [Heavy metals to air]	Mass	1,88E-06	•	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	2,61E-06	•	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	1,58E-06	•	Measured
Arsenic [Heavy metals to sea water]	Mass	4,14E-09		(No statement)
Arsenic trioxide [Heavy metals to air]	Mass Mass	1,18E-11 3,99E-03	kg ka	Measured
Ash [Stockpile goods] Atrazine [Pesticides to agricultural soil]	Mass	5,10E-12	0	(Estimated) (No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	6,79E-05	-	(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	0,79E-03 1,77E-04	•	(No statement)
Barium [Fresh water]	Mass	5,28E-05	•	(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	8,19E-11	•	(No statement)
Barium [Inorganic emissions to air]	Mass	7,72E-06	•	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	6,37E-06	•	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	2,61E-06	•	(No statement)
Barium [Inorganic emissions to sea water]	Mass	2,63E-06	•	(No statement)
Barium compounds (unspecified; rel. to Ba) [Inorganic		_,00_ 00		()
emissions to air]	Mass	1,52E-10	kg	Calculated
Barytes [ocean]	Mass	1,15E-04	kg	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	4,74E-11	kg	(No statement)
Bentazone [Pesticides to agricultural soil]	Mass	6,36E-11	kg	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	2,57E-11	kg	(No statement)

	Ourse the	A	11	Origin of data
Flow - Outputs	Quantity Mass	Amount 2,37E-05	Unit	Origin of data (Literature)
Benzene [Group NMVOC to air] Benzene [Hydrocarbons to fresh water]	Mass	2,37E-05 2,27E-06	0	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	2,27E-00 2,49E-07	-	(No statement)
Benzo{a}pyrene [Group PAH to air]	Mass	2,49E-07 1,14E-07	kg	(No statement) (Literature)
Beryllium [Fresh water]	Mass	1,14⊑-07 3,80E-07	kg	(No statement)
Beryllium [Inorganic emissions to air]	Mass	2,70E-08	kg	(Calculated)
Beryllium [Inorganic emissions to fresh water]	Mass	2,70E-00 3,90E-09	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to	111233	3,30L-03	ĸġ	(Literature)
fresh water]	Mass	2,09E-03	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to		,	0	(, ,
sea water]	Mass	4,48E-04	kg	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh				
water]	Mass	3,73E-04	kg	(No statement)
Blast furnace slag [Waste for recovery]	Mass	3,18E-04	kg	(Calculated)
Boiler ash (unspecified) [Waste for recovery]	Mass	4,48E-02	0	(Calculated)
Boron [Fresh water]	Mass	6,41E-05	•	(No statement)
Boron [Inorganic emissions to air]	Mass	3,42E-08	•	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	4,23E-06		(Literature)
Boron [Inorganic emissions to sea water]	Mass	2,48E-08	kg	(No statement)
Boron compounds (unspecified) [Inorganic emissions to air]	Mass	5,63E-05	kg	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	1,24E-07	kg	(No statement)
Bromine [Fresh water]	Mass	5,88E-05	kg	(No statement)
Bromine [Inorganic emissions to air]	Mass	9,84E-06	•	(Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	2,81E-04	kg	(No statement)
Bromine [Inorganic emissions to sea water]	Mass	2,01E 04 2,11E-06	kg	(No statement)
Butadiene [Group NMVOC to air]	Mass	3,61E-14	kg	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	8,13E-06	kg	(Calculated)
Butane [Group NMVOC to air]	Mass	3,87E-05	kg	(Literature)
Butene [Group NMVOC to air]	Mass	1,89E-07	kg	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	2,70E-10	kg	(No statement)
Cadmium [Fresh water]	Mass	2,05E-07	•	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	2,23E-09	kg	(No statement)
Cadmium [Heavy metals to air]	Mass	3,08E-07	0	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	6,16E-07	0	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	2,56E-07	•	(Measured)
Cadmium [Heavy metals to sea water]	Mass	1,06E-09	•	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	1,10E-05	-	(Literature)
Calcium [Fresh water]	Mass	9,88E-03	kg	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	1,03E-02	kg	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	9,80E-05	kg	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	2,51E-11	kg	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	2,24E+02	Bq	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	6,10E+00	Bq	(Calculated)
Carbon (unspecified) [Organic emissions to agricultural				
soil]	Mass	9,84E-06	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial	Maaa		1.0	(No statement)
soil]	Mass	1,56E-05	kg	(No statement)
Carbon dioxide (biotic) [Air]	Mass	1,45E-01	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	1,20E+01	kg ka	(Calculated)
Carbon disulphide [Inorganic emissions to air]	Mass	3,00E-06	-	(No statement)
Carbon monoxide (biotic) [Air]	Mass	4,20E-05	•	(No statement)
Carbon monoxide [Inorganic emissions to air]	Mass Mass	5,48E-03 8,61E-10	•	(Literature)
Carbon tetrachloride (tetrachloromethane) [Halogenated	Mass	0,010-10	ĸy	(No statement)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
organic emissions to air]				
Carbon, organically bound [Organic emissions to fresh	Maaa		1.0	Coloulated
water] Carbonata [Inargania amiasiana ta frash water]	Mass Mass	7,17E-08	kg	Calculated
Carbonate [Inorganic emissions to fresh water]		1,16E-04	kg Da	(Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	1,65E-05	•	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	7,06E-05	•	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	2,15E-05		(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	3,28E-02	•	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	7,78E+00	•	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	1,25E-05	•	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	6,69E-02	•	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	5,56E+01	•	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	1,97E+01	•	(No statement)
Cesium [Heavy metals to fresh water]	Mass	6,04E-09	kg	(No statement)
Cesium [Heavy metals to sea water]	Mass	3,02E-09	kg	(No statement)
Chemical oxygen demand (COD) [Analytical measures to		~ ~ ~ ~ ~ ~		
fresh water]	Mass	2,89E-02	kg	(Literature)
Chemical oxygen demand (COD) [Analytical measures to	Maaa		1.0	(No statement)
sea water] Chemical oxygen demand, CSB (Ecoinvent) [Fresh	Mass	4,51E-04	кд	(No statement)
water]	Mass	1,14E-03	kg	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	1,05E-06	•	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	2,45E-05	•	(Measured)
Chloride [Fresh water]	Mass	2,45E-05 2,35E-05	•	(No statement)
	Mass	2,35E-05 1,40E-01		(Literature)
Chloride [Inorganic emissions to fresh water] Chloride [Inorganic emissions to sea water]	Mass		kg ka	· ,
Chlorinated hydrocarbons (unspecified) [Halogenated	IVIASS	1,51E-03	ку	(No statement)
organic emissions to fresh water]	Mass	1,86E-06	kg	(Literature)
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	9,44E-05	kg	(Literature)
Chlorine [Inorganic emissions to agricultural soil]	Mass	4,87E-07	kg	(No statement)
Chlorine [Inorganic emissions to agricultural soli]	Mass	4,20E-07	kg	(Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	5,27E-05	•	(No statement)
Chloromethane (methyl chloride) [Halogenated organic	111233	5,27 =05	ĸġ	(NO Statement)
emissions to air]	Mass	8,27E-08	ka	Estimated
Chloromethane (methyl chloride) [Halogenated organic	made	0,272.00	Ng	Lotiniatoa
emissions to fresh water]	Mass	6,00E-07	kg	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	2,69E-09	•	(No statement)
Chlorous dissolvent [Halogenated organic emissions to		,	0	· · · · · ·
fresh water]	Mass	3,08E-09	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to				
sea water]	Mass	2,65E-16	kg	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	1,05E-06	Bq	(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	2,74E-02	Bq	(No statement)
Chromium (unspecified) [Heavy metals to agricultural				
soil]	Mass	3,28E-08	•	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	1,72E-06	•	(Literature)
Chromium (unspecified) [Heavy metals to fresh water]	Mass	1,91E-07	•	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	2,81E-08	•	(No statement)
Chromium +III [Heavy metals to air]	Mass	1,72E-08	kg	Measured
Chromium +III [Heavy metals to fresh water]	Mass	1,78E-07	kg	(Literature)
Chromium +III [Heavy metals to industrial soil]	Mass	3,26E-09	kg	Calculated
Chromium +VI [Fresh water]	Mass	2,12E-06	kg	(No statement)
Chromium +VI [Heavy metals to air]	Mass	1,68E-08	kg	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	1,47E-06	kg	Literature
Chromium +VI [Heavy metals to industrial soil]	Mass	1,43E-06	•	(No statement)
			-	,

Flow Outputs	0	A	11	Oninin of data
Flow - Outputs		Amount	Unit	Origin of data
Cobalt (Co57) [Radioactive emissions to fresh water] Cobalt (Co58) [Radioactive emissions to air]	Activity Activity	3,98E-04 1,93E-04	•	(No statement) (Literature)
Cobalt (Co58) [Radioactive emissions to firesh water]	Activity	2,68E-01	Bq	(Literature)
Cobalt (Co60) [Radioactive emissions to hesh water]	Activity	4,82E-03	•	(Literature)
Cobalt (Co60) [Radioactive emissions to firesh water]	Activity	4,02E-03		(Literature)
Cobalt [Fresh water]	Mass	5,57E-06	•	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	3,06E-09	•	(No statement)
Cobalt [Heavy metals to air]	Mass	1,18E-06	•	(Literature)
Cobalt [Heavy metals to fresh water]	Mass	1,22E-08	-	Measured
Cobalt [Heavy metals to industrial soil]	Mass	1,12E-08	•	Measured
Cobalt [Heavy metals to sea water]	Mass	5,93E-10	•	(No statement)
Cooling water [Waste for recovery]	Mass	5,18E+01	kg	(Measured)
Copper [Fresh water]	Mass	1,30E-04	kg	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	3,71E-08	•	(No statement)
Copper [Heavy metals to air]	Mass	7,38E-06	•	(Literature)
Copper [Heavy metals to fresh water]	Mass	1,93E-06	kg	(Literature)
Copper [Heavy metals to industrial soil]	Mass	6,82E-06	-	(Measured)
Copper [Heavy metals to sea water]	Mass	7,73E-09	kg	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	3,52E-08	•	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh		-,	5	(
water]	Mass	8,46E-08	kg	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh		_	_	
water]	Activity	1,57E-01	Bq	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	6,27E-07	•	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass	8,56E-07	•	(Literature)
Cyanide [Inorganic emissions to sea water]	Mass	1,07E-08	•	(No statement)
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass	7,39E-10	•	(No statement)
Cypermethrin [Pesticides to agricultural soil]	Mass	6,22E-13	•	(No statement)
Detergent (unspecified) [Other emissions to fresh water]	Mass	8,61E-10	kg	(Literature)
Dichloroethane (ethylene dichloride) [Halogenated	Maaa		1.0	(Ne statement)
organic emissions to air] Dichloroethane (ethylene dichloride) [Halogenated	Mass	7,95E-09	kg	(No statement)
organic emissions to fresh water]	Mass	5,61E-09	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated	Mass	0,012 00	Ng	
organic emissions to air]	Mass	4,84E-05	kg	Calculated
Dichloromethane (methylene chloride) [Halogenated			•	
organic emissions to fresh water]	Mass	1,32E-07	kg	(No statement)
Dichloropropane [Halogenated organic emissions to fresh				
water]	Mass	2,69E-10	•	Calculated
Dichromate [river]	Mass	3,75E-08	кg	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC to air]	Mass	1,78E-11	ka	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	7,25E-05	•	(No statement)
	Mass		•	. ,
Different pollutants [Other emissions to industrial soil]		3,82E-05	•	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	7,31E-10	•	(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	4,70E-04	•	(No statement)
Dross [Waste for recovery]	Mass	1,15E-04	•	(Literature)
Dust (> PM10) [Particles to air]	Mass	2,27E-03	•	(No statement)
Dust (PM2,5 - PM10) [Particles to air]	Mass	2,01E-04	•	(No statement)
Dust (PM2.5) [Particles to air]	Mass	8,42E-04	•	(No statement)
Dust (unspecified) [Particles to air]	Mass	4,27E-03	•	(Literature)
Ethane [Group NMVOC to air]	Mass	9,18E-04	•	(Calculated)
Ethanol [Group NMVOC to air]	Mass	7,58E-06	•	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	1,59E-06	кд	Calculated

Flux Outwrite	0	A	11	
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	3,14E-08	kg ka	(No statement)
Ethine (acetylene) [Group NMVOC to air] Ethyl benzene [Group NMVOC to air]	Mass Mass	3,48E-08 2,58E-05	kg kg	(No statement) (Calculated)
Ethyl benzene [Hydrocarbons to fresh water]	Mass	2,58E-05 4,82E-07	-	(Literature)
Ethyl benzene [Hydrocarbons to sea water]	Mass	4,82E-07 7,24E-08	kg	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	4,15E-10	kg	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	1,23E-11	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	6,38E-13	kg	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	1,55E-12	kg	(No statement)
Exhaust [Other emissions to air]	Mass	3,52E+01	kg	(Calculated)
Fatty acids (calculated as total carbon) [Hydrocarbons to	Madd	0,022101	Ng	(Calculated)
fresh water]	Mass	2,22E-05	kg	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to				
sea water]	Mass	1,79E-05	kg	(No statement)
Fenpiclonil [Pesticides to agricultural soil]	Mass	1,10E-10	kg	(No statement)
Filter dust (heavy fuel oil power plant) [Waste for	Maaa		ka	(Coloulated)
recovery] Filter dust [Waste for recovery]	Mass Mass	8,56E-05 9,49E-07	kg ka	(Calculated) Calculated
Fluoride (unspecified) [Inorganic emissions to air]	Mass	9,49E-07 2,63E-06	kg kg	(Literature)
Fluoride [Fresh water]	Mass	2,03E-00 1,07E-05	•	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	8,44E-04	•	(No statement) (Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	1,23E-06	kg	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	3,52E-07	kg	(No statement)
Fluorides [Inorganic emissions to air]	Mass	1,42E-08	•	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	2,94E-07	•	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	5,96E-07	kg	(Measured)
Fly ash (unspecified) [Waste for recovery]	Mass	1,38E-01	kg	(Calculated)
Formaldehyde (methanal) [Group NMVOC to air]	Mass	2,63E-05	kg	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	1,14E-08	kg	(No statement)
Furnace clinker [Waste for recovery]	Mass	4,93E-06	-	Calculated
Glutaraldehyde [Hydrocarbons to sea water]	Mass	1,42E-08	kg	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	8,24E-10	kg	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	9,22E-09	kg	(No statement)
Gypsum (FDI) [Waste for recovery]	Mass	2,20E-02	kg	(Calculated)
Gypsum [Waste for recovery]	Mass	1,14E-03	kg	(Estimated)
Halogenated hydrocarbons (unspecified) [Halogenated			-	
organic emissions to air]	Mass	-4,11E-13	•	Literature
Halon (1211) [Halogenated organic emissions to air]	Mass	1,13E-08	0	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	3,45E-08	•	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	2,05E-01	•	(Estimated)
Heat from natural gas [Flows]	Energy	5,99E-12		(No statement)
Heat from oil [Flows]	Energy	5,39E-11	MJ	(No statement)
Heat from waste [Flows]	Energy	6,43E-11	MJ	(No statement)
Heavy metals to water (unspecified) [Heavy metals to fresh water]	Mass	8,84E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	1,48E-05	•	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	1,89E-06	•	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated	Made	1,002 00	Ng	
organic emissions to air]	Mass	1,16E-10	kg	(No statement)
Hexaflourosilicates [Air]	Mass	1,13E-08	•	(No statement)
Hexaflourosilicates [Sweet-]	Mass	2,03E-08	kg	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	1,46E-05	kg	(Literature)
Hexane (isomers) [Hydrocarbons to fresh water]	Mass	2,00E-08	kg	Calculated
Highly radioactive waste [Radioactive waste]	Mass	3,21E-05	kg	(Calculated)

Flow - OutputsQuantityAmountUnitOrigin of dataHighly-active fission product solution [Radioactive waste]Mass2,23E-07kg(Estimated)Housing (E-Paper) [Flows]Mass2,84E-06kg(No statement)Hydrocarbons (unspecified) [Hydrocarbons to freshMass1,21E-05kg(Literature)Hydrocarbons, aromatic [Group NMVOC to air]Mass1,66E-06kg(No statement)Hydrocarbons, chloro-/fluoro- [Halogenated organicMass5,62E-09kg(No statement)Hydrocarbons, halogenated [Halogenated organicMass1,25E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Mass1,25E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to air]Mass9,60E-06kg(Measured)Hydrogen (H3) [Radioactive emissions to air]Mass9,60E-06kg(Measured)Hydrogen arsenic (arsine) [Heavy metals to air]Mass9,80E-10kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11kgEstimated)Hydrogen fluoride (hydrofluoric acid) [Inorganic emissions to air]Mass1,54E-11kgEstimated)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04kg(Literature)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04kg(Literature)Hydrogen fluoride [
Housing (E-Paper) [Flows] Hydrocarbons (unspecified) [Hydrocarbons to fresh water]Mass2,84E-06kg(No statement)Hydrocarbons (unspecified) [Hydrocarbons to sea water] Hydrocarbons, aromatic [Group NMVOC to air] Hydrocarbons, anomatic [Group NMVOC to air] Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]Mass1,21E-05kg(Literature)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass1,6E-06kg(No statement)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass1,25E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air] Hydrogen (H3) [Radioactive emissions to sea water]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water] Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(No statement)Hydrogen (H3) [Radioactive emissions to sea water] Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water] Hydrogen floride [Inorganic emissions to air]Mass9,60E-06kg(Measured)Hydrogen (H3) [Radioactive emissions to air]Mass9,60E-06kg(Literature)Hydrogen floride [Inorganic emissions to air]Mass9,60E-06kg(Literature)Hydrogen floride [Inorganic emissions to air]Mass7,29E-09kg(Literature)Hydrogen fluoride (hydrofluoric acid) [Inorganic emissions to fresh water]Mass5,13E-09kg(Literatu
Hydrocarbons (unspecified) [Hydrocarbons to fresh water]Mass1,21E-05kg(Literature)Hydrocarbons (unspecified) [Hydrocarbons to sea water]Mass1,21E-06kg(No statement)Hydrocarbons, aromatic [Group NMVOC to air]Mass1,66E-06kg(No statement)Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]Mass5,62E-09kg(No statement)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass1,25E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Mass1,25E-09kg(Literature)Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to air]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(Measured)Hydrogen (H3) [Radioactive emissions to air]Mass9,60E-06kg(Measured)Hydrogen (H3) [Radioactive emissions to air]Mass9,80E-10kgMeasuredHydrogen fluoride [Inorganic emissions to air]Mass7,91E-04kg(Literature)Hydrogen chloride [Inorganic emissions to air]Mass7,29E-09kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10kg
Hydrocarbons (unspecified) [Hydrocarbons to sea water] Hydrocarbons, aromatic [Group NMVOC to air] Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]Mass2,16E-06 Masskg(No statement)Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]Mass1,66E-06 Masskg(No statement)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass5,62E-09 Masskg(No statement)Hydrogen (H3) [Radioactive emissions to air]Mass1,25E-09 Activity(No statement)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Mass9,60E-06kg(Measured)Hydrogen Ilorganic emissions to air]Mass9,80E-10kgMeasuredHydrogen chloride [Inorganic emissions to air]Mass7,91E-04kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass7,29E-09kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [Inorganic emissions to fresh water]Mass5,13E-09kg(Literature)Hydrogen peroxide [Sweet-]Mass5,13E-09kg(Literature)Mass1,24E-10kg(No statement)Hydrogen peroxide [Sweet-]Mass1,25E-04kg(Literature)Mass1,25E-04kg(Literature)Hydrogen phosphorous [Inorganic emissions to
Hydrocarbons, aromatic [Group NMVOC to air] Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]Mass1,66E-06kg(No statement)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass5,62E-09kg(No statement)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass1,25E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Mass1,25E-09kg(Literature)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04Bq(No statement)Hydrogen (Inorganic emissions to air]Mass9,60E-06kg(Measured)Hydrogen chloride [Inorganic emissions to air]Mass7,91E-04kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass7,29E-09kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass3,41E-10kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06kg(No statement)
Hydrocarbons, chloro-/fluoro- [Halogenated organic emissions to air]Mass5,62E-09 kg(No statement)Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass1,25E-09 kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03 Bq(Literature)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,82E+05 Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04 Bq(No statement)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04 Bq(No statement)Hydrogen (H3) [Radioactive emissions to air]Mass9,60E-06 kg(Measured)Hydrogen arsenic (arsine) [Heavy metals to air]Mass9,80E-10 kgMeasuredHydrogen chloride [Inorganic emissions to fresh water]Mass7,91E-04 kg(Literature)Hydrogen cyanide (prussic acid) [Inorganic emissions tomass7,29E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
emissions to air] Hydrocarbons, halogenated [Halogenated organic emissions to air]Mass5,62E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Mass1,25E-09kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04Bq(No statement)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04Bq(No statement)Hydrogen (Inorganic emissions to air]Mass9,60E-06kg(Measured)Hydrogen chloride [Inorganic emissions to air]Mass9,80E-10kgMeasuredHydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11kgEstimatedHydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09kg(Measured)Hydrogen fluoride (hydrofluoric acid) [InorganicMass2,15E-04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06kg(No statement)
Hydrocarbons, halogenated [Halogenated organicemissions to air]Mass1,25E-09 kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03 Bq(Literature)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,82E+05 Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+06 kg(No statement)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04 Bq(No statement)Hydrogen (Inorganic emissions to air]Mass9,60E-06 kg(Measured)Hydrogen chloride [Inorganic emissions to air]Mass9,80E-10 kgMeasuredHydrogen chloride [Inorganic emissions to fresh water]Mass7,91E-04 kg(Literature)Hydrogen chloride (Inorganic emissions to fresh water]Mass1,54E-11 kgEstimatedHydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09 kg(Calculated)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen phosphorous [Inorganic emissions to air]Mass1,29E-06 kg(No statement)
emissions to air]Mass1,25E-09 kg(No statement)Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03 Bq(Literature)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,82E+05 Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05 Bq(Literature)Hydrogen (Inorganic emissions to air]Mass9,60E-06 kg(Measured)Hydrogen chloride [Inorganic emissions to air]Mass9,80E-10 kgMeasuredHydrogen chloride [Inorganic emissions to air]Mass7,91E-04 kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11 kgEstimatedHydrogen fluoride (prussic acid) [Inorganic emissions toMass5,13E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass2,15E-04 kg(Literature)Hydrogen plooride [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasured
Hydrogen (H3) [Radioactive emissions to air]Activity1,11E+03Bq(Literature)Hydrogen (H3) [Radioactive emissions to fresh water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04Bq(No statement)Hydrogen [Inorganic emissions to air]Mass9,60E-06kg(Measured)Hydrogen chloride [Inorganic emissions to air]Mass9,80E-10kgMeasuredHydrogen chloride [Inorganic emissions to fresh water]Mass7,91E-04kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11kgEstimatedHydrogen fluoride (prussic acid) [Inorganic emissions tomass5,13E-09kg(Measured)Hydrogen fluoride (hydrofluoric acid) [InorganicMass2,15E-04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06kg(No statement)
Hydrogen (H3) [Radioactive emissions to fresh water] Hydrogen (H3) [Radioactive emissions to sea water]Activity1,82E+05Bq(Literature)Hydrogen (H3) [Radioactive emissions to sea water] Hydrogen [Inorganic emissions to air]Mass9,60E+06kg(Measured)Hydrogen arsenic (arsine) [Heavy metals to air]Mass9,80E+10kgMeasuredHydrogen chloride [Inorganic emissions to air]Mass7,91E+04kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass7,91E+04kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass7,29E+09kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [Inorganic emissions to fresh water]Mass5,13E+09kg(Measured)Hydrogen pluoride [Inorganic emissions to air]Mass2,15E+04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E+10kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass1,29E+06kg(No statement)Hydrogen sulphide [Fresh water]Mass1,29E+06kg(No statement)
Hydrogen (H3) [Radioactive emissions to sea water]Activity4,09E+04Bq(No statement)Hydrogen [Inorganic emissions to air]Mass9,60E-06kg(Measured)Hydrogen arsenic (arsine) [Heavy metals to air]Mass9,80E-10kgMeasuredHydrogen chloride [Inorganic emissions to air]Mass7,91E-04kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11kgEstimatedHydrogen cyanide (prussic acid) [Inorganic emissions toMass7,29E-09kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09kg(Measured)Hydrogen pluoride [Inorganic emissions to air]Mass2,15E-04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass1,29E-06kg(No statement)Hydrogen sulphide [Fresh water]Mass1,29E-06kg(No statement)
Hydrogen [Inorganic emissions to air]Mass9,60E-06 kg(Measured)Hydrogen arsenic (arsine) [Heavy metals to air]Mass9,80E-10 kgMeasuredHydrogen chloride [Inorganic emissions to air]Mass7,91E-04 kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11 kgEstimatedHydrogen cyanide (prussic acid) [Inorganic emissions toMass7,29E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen arsenic (arsine) [Heavy metals to air]Mass9,80E-10 kgMeasuredHydrogen chloride [Inorganic emissions to air]Mass7,91E-04 kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11 kgEstimatedHydrogen cyanide (prussic acid) [Inorganic emissions toMass7,29E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09 kg(Measured)Hydrogen fluoride (Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen chloride [Inorganic emissions to air]Mass7,91E-04 kg(Literature)Hydrogen chloride [Inorganic emissions to fresh water]Mass1,54E-11 kgEstimatedHydrogen cyanide (prussic acid) [Inorganic emissions toMass7,29E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [InorganicMass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass1,29E-06 kg(No statement)
Hydrogen chloride [Inorganic emissions to fresh water] Hydrogen cyanide (prussic acid) [Inorganic emissions to air]Mass1,54E-11 kgEstimatedHydrogen cyanide (prussic acid) [Inorganic emissions to air]Mass7,29E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [Inorganic emissions to fresh water]Mass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen cyanide (prussic acid) [Inorganic emissions to air]Mass7,29E-09 kg(Calculated)Hydrogen fluoride (hydrofluoric acid) [Inorganic emissions to fresh water]Mass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen fluoride (hydrofluoric acid) [Inorganicemissions to fresh water]Mass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
emissions to fresh water]Mass5,13E-09 kg(Measured)Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04 kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen fluoride [Inorganic emissions to air]Mass2,15E-04kg(Literature)Hydrogen peroxide [Sweet-]Mass4,24E-10kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06kg(No statement)
Hydrogen peroxide [Sweet-]Mass4,24E-10 kg(No statement)Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen phosphorous [Inorganic emissions to air]Mass8,41E-10 kgMeasuredHydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Hydrogen sulphide [Fresh water]Mass1,29E-06 kg(No statement)
Transient and the submide informatic emissions to any mass solutions to any mass
Hydrogen sulphide [Inorganic emissions to fresh water]Mass3,28E-08 kg(No statement)Hydroxide [Inorganic emissions to fresh water]Mass7,28E-05 kgEstimated
Hydroxide [Inorganic emissions to fresh water]Mass7,28E-05 kgEstimatedHypochlorite [Inorganic emissions to fresh water]Mass1,37E-06 kg(No statement)
Hypochlorite [Inorganic emissions to sea water] Mass 1,57E-06 kg (No statement)
Iliad Module (E-Paper) [Flows]Mass1,352-00 kg(No statement)
Incineration good [Waste for disposal] Mass 2,12E-03 kg Literature
Industrial waste for municipal disposal [Consumer waste] Mass 2,84E-01 kg (Literature)
inert chemical waste [Consumer waste] Mass 2,96E-03 kg (Literature)
Inert gases [Radioactive emissions to air] Activity 1,02E+06 Bq (No statement)
Inorganic salts and acids (unspecified) [Inorganic
emissions to fresh water] Mass -4,36E-08 kg Literature
Iodide [Fresh water]Mass1,21E-12 kg(No statement)
Iodide [Inorganic emissions to fresh water]Mass7,28E-07 kg(No statement)
Iodide [Inorganic emissions to sea water]Mass3,02E-07 kg(No statement)
Iodine (I129) [Radioactive emissions to air] Activity 3,62E-01 Bq Calculated
Iodine (I129) [Radioactive emissions to fresh water] Activity 1,75E+01 Bq (Calculated)
Iodine (I131) [Radioactive emissions to air] Activity 5,40E+00 Bq (Literature)
Iodine (I131) [Radioactive emissions to fresh water] Activity 6,10E-03 Bq (Literature)
Iodine (I133) [Radioactive emissions to air]Activity8,12E-05Bq(No statement)
Iodine (I133) [Radioactive emissions to fresh water]Activity1,11E-04Bq(No statement)
Iodine [Inorganic emissions to air]Mass1,24E-06 kg(No statement)
Iron (Fe59) [Radioactive emissions to fresh water] Activity 3,05E-05 Bq (No statement)
Iron [Fresh water] Mass 1,73E-03 kg (No statement)
Iron [Heavy metals to agricultural soil]Mass8,83E-06 kg(No statement)
Iron [Heavy metals to air] Mass 4,51E-06 kg (Literature)
Iron [Heavy metals to fresh water] Mass 4,53E-03 kg (Literature)
Iron [Heavy metals to industrial soil] Mass 2,80E-05 kg (No statement)
Iron [Heavy metals to sea water] Mass 1,64E-07 kg (No statement)

	Quantity	Amount	llnit	Origin of data
Flow - Outputs Isocyanide acid [Air]	Quantity Mass	Amount 4,46E-07	Unit kg	Origin of data (No statement)
Jacket and body material [Radioactive waste]	Mass	4,40Ľ-07 1,34E-07	•	(Estimated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	4,52E+06	Bq	(Literature)
Krypton (Kr85m) [Radioactive emissions to air]	Activity	6,03E+00	•	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	7,34E-01	Bq	(No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity	6,91E-01	Bq	(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Activity	1,56E-01	Bq	(No statement)
Lanthanides [Heavy metals to air]	Mass	4,42E-09	•	(Calculated)
Lanthanum (La140) [Radioactive emissions to fresh	Made	1,122 00	Ng	(Ouloulatou)
water]	Activity	1,88E-04	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	5,80E-06	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	4,71E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	2,32E-01	Bq	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	1,13E-02	Bq	(No statement)
Lead [Fresh water]	Mass	2,29E-06	kg	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	1,31E-08	kg	(No statement)
Lead [Heavy metals to air]	Mass	6,52E-06	kg	(Literature)
Lead [Heavy metals to fresh water]	Mass	6,52E-06	kg	(Literature)
Lead [Heavy metals to industrial soil]	Mass	1,13E-05	kg	(Measured)
Lead [Heavy metals to sea water]	Mass	3,06E-08	kg	(No statement)
Linuron [Pesticides to agricultural soil]	Mass	9,66E-10	kg	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	4,53E-06	kg	(Estimated)
Liquid waste [Consumer waste]	Mass	6,11E-05	kg	(Calculated)
Lubricating oil [Operating materials]	Mass	2,23E-05	kg	Calculated
Magnesium [Fresh water]	Mass	1,47E-03	kg	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	1,59E-04	kg	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	1,66E-05	kg	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	3,48E-09	•	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	3,50E-09	•	(No statement)
Manganese (Mn54) [Radioactive emissions to air] Manganese (Mn54) [Radioactive emissions to fresh	Activity	5,40E-07	Bq	(No statement)
water]	Activity	4,01E+00	Bq	(Literature)
Manganese [Fresh water]	Mass	2,66E-05	kg	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	3,06E-06	kg	(No statement)
Manganese [Heavy metals to air]	Mass	1,04E-06	•	(Calculated)
Manganese [Heavy metals to fresh water]	Mass	1,22E-05	kg	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	2,46E-07	•	(No statement)
Manganese [Heavy metals to sea water] Medium and low radioactive liquid waste [Radioactive	Mass	1,33E-07	kg	(No statement)
waste]	Mass	2,84E-07	kg	(Calculated)
Medium and low radioactive wastes [Radioactive waste]	Mass	3,82E-05	kg	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	8,61E-10	kg	(Literature)
Mercury [Fresh water]	Mass	1,09E-08	kg	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	7,24E-11	kg	(No statement)
Mercury [Heavy metals to air]	Mass	3,71E-07	kg	(Literature)
Mercury [Heavy metals to fresh water]	Mass	1,98E-08	•	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	6,41E-08		(Measured)
Mercury [Heavy metals to sea water]	Mass	2,06E-10	•	(No statement)
Metal ions (unspecific) [Fresh water]	Mass	1,37E-04	kg	(No statement)
Metal ions (unspecific) [Inorganic emissions to fresh	Mass		ka	Coloulated
water] Metaldebyde [Organic emissions to agricultural soil]	Mass Mass	2,70E-05	-	Calculated
Metaldehyde [Organic emissions to agricultural soil] Metals (unspecified) [Inorganic emissions to fresh water]	Mass Mass	5,39E-12 3,22E-11	•	(No statement) Literature
Metals (unspecified) [Particles to air]	Mass	-1,09E-08	•	(Literature)
ואפימוס (עווסףבטוובע) נר מונוטופס נט מוון	111032	-1,092-00	кy	(LIGIALUIE)

	Quantity	Amount	110:4	Origin of data
Flow - Outputs	Quantity Mass	Amount 1,82E-06	Unit	Origin of data (Literature)
Metals (unspecified) [Particles to fresh water] Methacrylate [Group NMVOC to air]	Mass	5,98E-10	kg kg	Calculated
Methane (biotic) [Air]	Mass	1,66E-05	-	(No statement)
Methane [Organic emissions to air (group VOC)]	Mass	2,20E-02	•	(Literature)
Methanol [Group NMVOC to air]	Mass	7,36E-02	0	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	1,18E-05	•	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	1,86E-07	•	(No statement)
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	1,65E-07	•	Calculated
	Mass		•	
Methyl tert-butylether [Group NMVOC to air]		5,62E-10	•	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	8,76E-12	0	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	1,96E-08	•	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	6,99E-09	•	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	1,23E-10	•	(No statement)
Mineral waste [Consumer waste] Molybdenum (Mo99) [Radioactive emissions to fresh	Mass	1,50E-05	кд	Estimated
water]	Activity	6,48E-05	Bq	(No statement)
Molybdenum [Fresh water]	Mass	8,45E-08	•	(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	7,53E-10	•	(No statement)
Molybdenum [Heavy metals to agricultural soli]	Mass	6,87E-08	•	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	4,49E-06	•	(Literature)
	Mass	4,49E-00 6,19E-10	•	· ,
Molybdenum [Heavy metals to sea water]	Mass	8,39E-09	kg ka	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	8,39E-09 1,17E-03	0	(No statement)
Municipal waste [Consumer waste]			•	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	9,54E-12	•	(No statement)
Neutral salts [Inorganic emissions to fresh water]	Mass	6,18E-05	•	(Calculated)
Nickel [Fresh water]	Mass	4,01E-05	•	(No statement)
Nickel [Heavy metals to agricultural soil]	Mass	9,79E-09	•	(No statement)
Nickel [Heavy metals to air]	Mass	6,80E-06	•	(Literature)
Nickel [Heavy metals to fresh water]	Mass	9,17E-07	kg ka	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	1,20E-07	•	Calculated
Nickel [Heavy metals to sea water]	Mass	2,25E-09	•	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	2,53E-03	•	(No statement)
Nitrate [Fresh water]	Mass	2,35E-05	0	(No statement)
Nitrate [Inorganic emissions to air]	Mass	4,86E-09	0	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	1,39E-04	0	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass	1,33E-05	•	(No statement)
Nitrite [Fresh water]	Mass	1,59E-08	0	(No statement)
Nitrite [Inorganic emissions to fresh water]	Mass	6,73E-07	0	(No statement)
Nitrite [Inorganic emissions to sea water]	Mass	2,67E-07	•	(No statement)
Nitrogen [Inorganic emissions to fresh water]	Mass	3,46E-05	•	(Literature)
Nitrogen [Inorganic emissions to sea water]	Mass	4,69E-08	0	(No statement)
Nitrogen monoxide [Inorganic emissions to air]	Mass	1,59E-09	0	Calculated
Nitrogen organic bounded [Fresh water]	Mass	4,78E-07	кд	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh water]	Mass	1,32E-06	ka	Literature
Nitrogen organic bounded [Inorganic emissions to sea	101833	1,522-00	ĸġ	Literature
water]	Mass	1,05E-06	ka	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	2,46E-02	•	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	4,68E-04	•	(Calculated)
NMVOC (unspecified) [Group NMVOC to air]	Mass	5,14E-03	•	(Literature)
non used primary energy from water power [Other	Energy	-,· · _ 00	. 9	()
emissions to fresh water]	ren.	1,31E+00	MJ	(Calculated)
non used primary energy from wind power [Other	Energy			. ,
emissions to air]	ren.	1,16E-01	MJ	(Calculated)

	•			
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	5,48E-04	•	(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	1,39E-04	•	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	6,45E-04	kg	(No statement)
Oil (unspecified) [Organic emissions to industrial soil]	Mass	3,09E-06	kg	Measured
Orbencarb [Pesticides to agricultural soil]	Mass	6,64E-10	kg	(No statement)
Organic chlorine compounds (unspecified) [Organic		_		
emissions to fresh water]	Mass	8,61E-10	kg	(Literature)
Organic chlorine compounds [Organic emissions to air	Maaa	7 COF 10	ka	(Literature)
(group VOC)]	Mass	7,69E-10	kg	(Literature)
Organic compounds (unspecified) [Organic emissions to fresh water]	Mass	2,64E-10	kg	(Estimated)
Overburden [Stockpile goods]	Mass	1,94E+01	kg	(Literature)
Oxygen [Inorganic emissions to air]	Mass	8,58E-05	kg	Literature
Ozone [Inorganic emissions to air]	Mass	3,59E-05	•	(No statement)
Pentachlorobenzene [Halogenated organic emissions to	111222	3,592-05	kg	(NO Statement)
air]	Mass	1,23E-10	kg	(No statement)
Pentachlorophenol (PCP) [Halogenated organic	Mass	1,202 10	Ng	
emissions to air]	Mass	3,71E-08	kg	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	5,37E-05	kg	(Literature)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	1,58E-08	kg	(No statement)
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	2,92E-06	kg	(Literature)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	3,85E-07	•	(No statement)
Phosphate [Fresh water]	Mass	4,97E-05	kg	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	7,71E-06	kg	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	1,91E-07	•	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	1,49E-06	kg	(No statement)
Phosphorus [Inorganic emissions to agricultural soli]	Mass	1,49E-00 3,79E-07	•	(No statement)
Phosphorus [Inorganic emissions to fresh water]	Mass	1,36E-07	•	(No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	2,61E-07	•	(No statement)
Phosphorus [Inorganic emissions to industrial soli]	Mass	2,01E-07 2,90E-08		(No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	2,90E-08 6,02E-12	kg ka	(No statement)
			kg ka	Calculated
Plastic (unspecified) [Waste for recovery] Platinum [Heavy metals to air]	Mass	0,00E+00	kg ka	
. , .	Mass	3,91E-14	kg Pa	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air] Plutonium (Pu alpha) [Radioactive emissions to fresh	Activity	4,13E-03	Бd	(Calculated)
water]	Activity	5,03E-01	Ba	(Calculated)
Plutonium (Pu238) [Radioactive emissions to air]	Activity	1,44E-08	•	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	1,44⊑-08 6,57E-08	•	(Calculated)
Polonium (Po210) [Radioactive emissions to air]	Activity	8,26E-01	Bq	(No statement)
	Activity	2,32E-01	•	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	•	2,32E-01 1,73E-02	Bq	· · ·
Polonium (Po210) [Radioactive emissions to sea water] Polychlorinated biphenyls (PCB unspecified)	Activity	1,732-02	БЧ	(No statement)
[Halogenated organic emissions to air]	Mass	1,21E-10	kg	(No statement)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)	Mass	1,210 10	Ng	(No Statement)
[Halogenated organic emissions to air]	Mass	1,49E-11	kg	(Literature)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)		.,		()
[Halogenated organic emissions to fresh water]	Mass	2,50E-14	kg	(Estimated)
Polycyclic aromatic hydrocarbons (PAH) [Group PAH to			U	,
air]	Mass	3,63E-07	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)				
[Hydrocarbons to fresh water]	Mass	2,26E-06	kg	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)	N.4		1.	
[Hydrocarbons to sea water]	Mass	2,39E-08	kg	(No statement)
Polycyclic hydrocarbons [Organic emissions to air (group	Mass	1 2/ = 10	ka	Measured
VOC)]	111022	1,24E-12	kg	WEASULEU

	Quantity	Amount	llnit	Origin of data
Flow - Outputs Populated PWB Iliad Module (E-Paper) [Flows]	Quantity Mass	Amount 2,75E-06	Unit kg	Origin of data (No statement)
Potassium (K40) [Radioactive emissions to air]	Activity	1,00E-01	•	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	2,91E-01	•	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	1,37E-03		(No statement)
Potassium [Fresh water]	Mass	2,67E-04	•	(No statement)
Potassium [Inorganic emissions to fresh water]	Mass	2,42E-04	0	(Literature)
Potassium [Inorganic emissions to sea water]	Mass	1,28E-05	kg	(No statement)
Propane [Group NMVOC to air]	Mass	4,41E-04	0	(Literature)
Propanol (iso-propanol; isopropanol) [Group NMVOC to		·	U	х <i>у</i>
air]	Mass	1,93E-04	kg	Estimated
Propene (propylene) [Group NMVOC to air]	Mass	4,58E-06	•	(Calculated)
Propene [Hydrocarbons to fresh water]	Mass	3,65E-08	0	(No statement)
Propionaldehyde [Group NMVOC to air]	Mass	2,57E-11	0	(No statement)
Propionic acid (propane acid) [Group NMVOC to air]	Mass	1,97E-07	0	(Literature)
Propylene oxide [Group NMVOC to air]	Mass	2,51E-09		(No statement)
Propylene oxide [Hydrocarbons to fresh water]	Mass	6,05E-09	0	(No statement)
Protactinium (Pa234m) [Radioactive emissions to air]	Activity	1,44E-02	Bq	(No statement)
Protactinium (Pa234m) [Radioactive emissions to fresh water]	Activity	2,67E-01	Bq	(No statement)
PWB (mass) [Electronic components]	Mass	6,73E-01		Calculated
R 11 (trichlorofluoromethane) [Halogenated organic	111035	0,752-02	ĸġ	Calculated
emissions to air]	Mass	7,36E-07	kg	(Literature)
R 113 (trichlorofluoroethane) [Halogenated organic		·	U	· · · · ·
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 114 (dichlorotetrafluoroethane) [Halogenated organic				
emissions to air]	Mass	7,79E-07	kg	(Literature)
R 116 (hexafluoroethane) [Halogenated organic emissions to air]	Mass	2,83E-07	kg	Calculated
R 12 (dichlorodifluoromethane) [Halogenated organic	Mass	2,002 07	Ng	Odiculated
emissions to air]	Mass	1,58E-07	kg	(Literature)
R 124 (chlorotetrafluoroethane) [Halogenated organic			-	. ,
emissions to air]	Mass	0,00E+00	kg	(No statement)
R 13 (chlorotrifluoromethane) [Halogenated organic	Maaa		1.0	(1:+=====)
emissions to air] R 134a (tetrafluoroethane) [Halogenated organic	Mass	9,94E-08	кд	(Literature)
emissions to air]	Mass	4,69E-08	ka	(No statement)
R 141b (dichloro-1-fluoroethane) [Halogenated organic	made	1,002 00	Ng	
emissions to air]	Mass	1,11E-06	kg	Estimated
R 142b (chlorodifluoroethane) [Halogenated organic				
emissions to air]	Mass	3,16E-08	kg	Estimated
R 21 (Dichlorofluoromethane) [Halogenated organic	Maga	1 575 15	ka	(No statement)
emissions to air] R 22 (chlorodifluoromethane) [Halogenated organic	Mass	1,57E-15	ку	(No statement)
emissions to air]	Mass	2,48E-07	ka	(Literature)
R 23 (trifluoromethane) [Halogenated organic emissions		_,		()
to air]	Mass	5,00E-13	kg	(No statement)
Radioactive emissions (general) [Radioactive emissions				
to air]	Activity	2,59E-02	Bq	(No statement)
Radioactive isotopes (unspecific) [Radioactive emissions	A otivity		٦a	(No statement)
to air] Radioactive isotopes (unspecific) [Radioactive emissions	Activity	2,26E-01	Bq	(No statement)
to fresh water]	Activity	1,03E+02	Bα	(No statement)
Radioactive tailings [Radioactive waste]	Mass	1,94E-02	-	(Calculated)
Radium (Ra224) [Radioactive emissions to fresh water]	Activity	3,02E-01	-	(No statement)
Radium (Ra224) [Radioactive emissions to sea water]	Activity	1,51E-01	•	(No statement)
Radium (Ra226) [Radioactive emissions to air]	Activity	5,84E-01	•	(No statement)
	,		•	

	•	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Radium (Ra226) [Radioactive emissions to fresh water]	Activity	2,14E+03		(Literature)
Radium (Ra226) [Radioactive emissions to sea water]	Activity	2,54E-01	•	(No statement)
Radium (Ra228) [Radioactive emissions to air] Radium (Ra228) [Radioactive emissions to fresh water]	Activity Activity	4,03E-02 6,04E-01	•	(No statement) (No statement)
Radium (Ra228) [Radioactive emissions to resh water]	Activity	0,04E-01 3,02E-01	•	(No statement)
Radon (Rn220) [Radioactive emissions to sea water]	Activity	6,52E-05	•	(No statement)
Radon (Rn222) [Air]	Activity	1,87E+06	•	(No statement)
Radon (Rn222) [Radioactive emissions to air]	Activity	1,07E+00	•	(Literature)
Radon (Rn-daughter nukleade) [Radioactive emissions to	Activity	1,032+03	ЪЧ	(Literature)
air]	Activity	1,33E-13	Bq	(No statement)
Red mud (wet) (3% NaOH) [Hazardous waste for	5		•	(, , , , , , , , , , , , , , , , , , ,
disposal]	Mass	2,47E-04	kg	Measured
Residues for incineration [Waste for disposal]	Mass	5,98E-07	kg	Calculated
Rolling tinder [Waste for recovery]	Mass	7,12E-06	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	1,01E-07	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air]	Activity	1,41E-08	Bq	(No statement)
Ruthenium (Ru103) [Radioactive emissions to fresh	A		Da	
water] Ruthenium (Ru106) [Radioactive emissions to fresh	Activity	1,37E-05	Вd	(No statement)
water]	Activity	1,18E-01	Bq	Calculated
Scandium [Fresh water]	Mass	4,98E-07	-	(No statement)
Scandium [Inorganic emissions to air]	Mass	2,29E-09	0	(Calculated)
Scandium [Inorganic emissions to fresh water]	Mass	1,20E-07	0	(No statement)
Selenium [Fresh water]	Mass	3,92E-07	•	(No statement)
Selenium [Heavy metals to air]	Mass	1,15E-06	•	(Literature)
Selenium [Heavy metals to fresh water]	Mass	6,76E-07	•	(Literature)
Selenium [Heavy metals to industrial soil]	Mass	5,22E-11	kg	(No statement)
Selenium [Heavy metals to sea water]	Mass	9,28E-10	0	(No statement)
Sewage sludge (waste water processing) [Hazardous	Mass	5,202 10	Ng	
waste]	Mass	2,96E-04	kg	Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	2,99E-11	kg	(No statement)
Silver (Ag110m) [Radioactive emissions to air]	Activity	1,40E-07	Bq	(No statement)
Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	1,50E-01	Bq	(Literature)
Silver [Fresh water]	Mass	3,15E-10	kg.	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	1,07E-11	kg	(No statement)
Silver [Heavy metals to air]	Mass	1,55E-12	kg	(No statement)
Silver [Heavy metals to fresh water]	Mass	1,65E-08	kg	(Literature)
Silver [Heavy metals to sea water]	Mass	1,81E-09	kg	(No statement)
Slag (Iron plate production) [Waste for recovery]	Mass	5,33E-02	kg	(Measured)
Slag [Hazardous waste]	Mass	2,25E-02	kg	(Literature)
Slag [Waste for recovery]	Mass	2,19E-02	kg	(Literature)
Sludge [Hazardous waste]	Mass	4,64E-02	kg	(Literature)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	4,91E-04	Bq	(No statement)
Sodium [Fresh water]	Mass	2,22E-04	kg	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	6,55E-02	kg	(Literature)
Sodium [Inorganic emissions to sea water]	Mass	9,24E-04	kg	(No statement)
Sodium chlorate [high population density]	Mass	1,62E-09	kg	(No statement)
Sodium chloride (rock salt) [Inorganic intermediate			-	
products]	Mass	7,40E-05	kg	Calculated
Sodium dichromate [high population density]	Mass	1,01E-08	kg	(No statement)
Sodium formate [high population density]	Mass	1,83E-11	kg	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	4,39E-11	kg	(No statement)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	2,47E-07	kg	(Calculated)
Soil loss by erosion into water [Particles to fresh water]	Mass	7,03E-07	kg	Literature

Flow Outputs	Quantity	Amount	llnit	Origin of data
Flow - Outputs Solder paste waste [Hazardous waste for recovery]	Quantity Mass	Amount 1,07E-03	Unit kg	Origin of data Estimated
Solids (dissolved) [Analytical measures to fresh water]	Mass	4,09E-03	kg	(Literature)
Solids (suspended) [Fresh water]	Mass	1,86E-02	•	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	5,89E-03	kg	(Literature)
Solids (suspended) [Particles to sea water]	Mass	4,09E-04	kg	(No statement)
Steam (mp) [Thermal energy]	Mass	0,00E+00	kg	Calculated
Steam [Inorganic emissions to air]	Mass	2,17E+01	kg	(Calculated)
Steel works slag [Waste for recovery]	Mass	1,23E-04	•	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	2,92E-03	•	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	1,53E+02	Bq	(Literature)
Strontium (Sr90) [Radioactive emissions to sea water]	Activity	2,19E+00	Bq	(No statement)
Strontium [Fresh water]	Mass	4,22E-05	kg	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	2,89E-10	kg	(No statement)
Strontium [Heavy metals to fresh water]	Mass	4,54E-05	kg	(Literature)
Strontium [Heavy metals to industrial soil]	Mass	5,21E-08	kg	(No statement)
Strontium [Heavy metals to sea water]	Mass	1,81E-05	kg	(No statement)
Strontium [Inorganic emissions to air]	Mass	4,63E-07	kg	(Calculated)
Styrene [Group NMVOC to air]	Mass	4,73E-10	kg	(No statement)
Sulphate [Fresh water]	Mass	8,53E-03	•	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	2,30E-02	0	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	2,93E-05	•	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	2,33E-07	kg	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	2,79E-08	kg	(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	8,29E-06	kg	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	2,02E-06	kg	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	1,65E-06	kg	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass		kg	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	1,54E-07	kg	(No statement)
Sulphur dioxide [Inorganic emissions to air]	Mass	7,08E-02	kg	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass	6,86E-07	kg	(Literature)
Sulphuric acid [Inorganic emissions to air]	Mass	6,42E-08	kg	(Calculated)
Tailings [Stockpile goods] Not followed to the grave	Mass	7,04E+00	kg	(Literature)
Tebutam [Pesticides to agricultural soil] Technetium (Tc99m) [Radioactive emissions to fresh	Mass	2,26E-11	kg	(No statement)
water]	Activity	1,51E-03	Bα	(No statement)
Teflubenzuron [Pesticides to agricultural soil]	Mass	8,19E-12		(No statement)
Tellurium (Te123m) [Radioactive emissions to fresh	made	0,102 12	Ng	
water]	Activity	3,18E-03	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water]	Activity	3,75E-06	Bq	(No statement)
Tetrafluoromethane [Halogenated organic emissions to				
air]	Mass	2,82E-06		Measured
Thallium [Fresh water]	Mass	4,51E-08	0	(No statement)
Thallium [Heavy metals to air]	Mass	1,11E-09	•	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	1,56E-08	•	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	1,98E-02	•	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	1,21E+00	•	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	6,04E-01	_ ·	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	1,54E+01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	3,64E+01	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	3,08E-02	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	5,42E-02	•	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	1,44E-02	•	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	2,67E-01	РЧ	(No statement)

Flow Outputs	0	A	11	Oninin of data
Flow - Outputs	Quantity Mass	Amount	Unit	Origin of data
Tin [Fresh water]	Mass	7,42E-06	•	(No statement) (No statement)
Tin [Heavy metals to agricultural soil] Tin [Heavy metals to air]	Mass	7,97E-10 1,98E-06	•	(Calculated)
Tin [Heavy metals to fresh water]	Mass	1,81E-08	•	(Literature)
Titanium [Heavy metals to resh water]	Mass	2,10E-07	•	(No statement)
Titanium [Heavy metals to agricultural soli)	Mass	4,59E-07	•	(Calculated)
Titanium [Heavy metals to fresh water]	Mass	4,33E-07 7,22E-07	0	(Literature)
Titanium [Heavy metals to sea water]	Mass	5,13E-10	0	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	1,61E-05	0	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	2,52E-06	•	(Literature)
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	4,30E-07	•	(No statement)
Top Cover (E-Paper) [Flows]	Mass	1,48E-01	•	(No statement)
Total dissolved organic bounded carbon [Analytical	Mass	1,402 01	Ng	
measures to fresh water]	Mass	5,63E-04	kg	(Literature)
Total dissolved organic bounded carbon [Analytical		,	0	(, , , , , , , , , , , , , , , , , , ,
measures to sea water]	Mass	1,42E-04	kg	(No statement)
Total organic bounded carbon [Analytical measures to		-		
fresh water]	Mass	3,74E-03	kg	(Literature)
Total organic bounded carbon [Analytical measures to	Maaa	4 405 04	l.a	(No statement)
sea water]	Mass	1,42E-04	•	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	4,70E-04	•	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	1,31E-02	•	(Calculated)
Tributyltinoxide [Pesticides to sea water] Trichloromethane (chloroform) [Halogenated organic	Mass	7,16E-08	кд	(No statement)
emissions to air]	Mass	1,10E-09	ka	(No statement)
Trichloromethane (chloroform) [Halogenated organic	Mass	1,102 00	Ng	(No statement)
emissions to fresh water]	Mass	1,57E-15	kg	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	1,51E-07	•	(No statement)
Tungsten [Fresh water]	Mass	4,04E-07	•	(No statement)
Tungsten [Heavy metals to fresh water]	Mass	2,48E-07	kg	(No statement)
Unused primary energy from solar energy [Other				
emissions to air]	Mass	3,28E-10	•	Estimated
Uranium (total) [Radioactive emissions to air]	Activity	1,88E+00		(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	4,48E-01	•	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	3,20E-01	Bq	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	2,17E-02	•	(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	5,28E-01		(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	7,93E-01		(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	9,19E-01	-	(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	5,82E-03		(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	5,16E+01		(Estimated)
Uranium depleted [Radioactive waste]	Mass	7,58E-05	•	(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	9,65E-10	. •	(Calculated)
Used air [Other emissions to air]	Mass	2,29E+00	•	(Measured)
Vanadium [Fresh water]	Mass	7,17E-06	•	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	6,02E-09	•	(No statement)
Vanadium [Heavy metals to air]	Mass	8,12E-06	. •	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	1,38E-06	kg	(Literature)
Vanadium [Heavy metals to sea water]	Mass	1,85E-09	•	(No statement)
Waste heat [Fresh water]	Energy	5,65E-03	MJ	(No statement)
Waste heat [Other emissions to air]	Energy	1,11E+02		(Literature)
Waste heat [Other emissions to fresh water]	Energy	1,57E+01	MJ	(Calculated)
Waste paper [Waste for recovery]	Mass	4,26E-05	•	Measured
Waste radioactive [Radioactive waste]	Mass	6,42E-05	кg	(Literature)

Flow - Outputs	Quantity	Amount	Unit	Origin of data
Waste water [Other emissions to fresh water]	Mass	3,78E+02		(Measured)
Waste water processing residue [Hazardous waste for	made	0,702102	Ng	(medealed)
recovery]	Mass	2,04E-01	kg	Literature
Water (desalinated; deionized) [Operating materials]	Mass	6,59E-04	kg	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic			U	
emissions to air]	Mass	1,02E-08	kg	(No statement)
Vinyl chloride (VCM; chloroethene) [Halogenated organic		-		
emissions to fresh water]	Mass	2,19E-10	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group	Maga		1.0	(Literature)
VOC)]	Mass	5,76E-04	kg	(Literature)
VOC [Organic emissions to fresh water]	Mass	2,78E-06	•	(No statement)
VOC [Organic emissions to sea water] Volatile fission products (inert gases;iodine;C14)	Mass	1,06E-06	кд	(No statement)
[Radioactive waste]	Mass	2,29E-09	kg	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	6,75E+00	0	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	6,61E+02	•	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	5,06E+00	•	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	2,05E+02		(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	5,43E+01	•	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	4,76E-01	•	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	1,07E+01		(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	1,27E-04		(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to		-, - -		(
fresh water]	Mass	1,40E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
sea water]	Mass	3,57E-07	kg	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group			1	(N) = (= (= - = - = - ()
NMVOC to air]	Mass	1,37E-07	•	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	2,70E-06		(No statement)
Zinc (Zn65) [Radioactive emissions to fresh water]	Activity	6,65E-03	•	(No statement)
Zinc [Fresh water]	Mass	9,31E-06	•	(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	6,50E-07	0	(No statement)
Zinc [Heavy metals to air]	Mass	1,27E-05	0	(Literature)
Zinc [Heavy metals to fresh water]	Mass	5,50E-06	•	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	1,55E-05	•	(Measured)
Zinc [Heavy metals to sea water]	Mass	5,74E-06	-	(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	2,07E-08	•	Measured
Zirconium (Zr) [Air]	Mass	2,63E-11	•	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	2,64E-06	•	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	7,70E-05	Вd	(No statement)

Appendix 2.9 LCI Data – Tablet e-paper newspaper, Swedish scenario

In the tables below the LCI data for the studied system "Tablet e-paper newspaper Swedish scenario" are presented. The data are divided as inputs to the system and outputs from the system.

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Air [Renewable resources]	Mass	4,11E+01	kg	(Literature)
Aluminum [Non renewable elements]	Mass	6,86E-04	kg	(No statement)
Ammonium nitrate [Inorganic intermediate products]	Mass	4,24E-07	kg	Estimated
Antimonite [Non renewable resources]	Mass	9,74E-12	kġ	(No statement)
Barium sulphate [Non renewable resources]	Mass	3,46E-04	kg	(No statement)
Basalt [Non renewable resources]	Mass	5,25E-05	kg	(No statement)
Bauxite [Non renewable resources]	Mass	2,90E-02	kg	(Calculated)
Bentonite [Non renewable resources]	Mass	5,57E-04	kg	(Literature)
Blast furnace dust [Organic intermediate products]	Mass	7,66E-08	kg	Calculated
Borax [Non renewable resources]	Mass	2,37E-08	kg	(No statement)
Calcium chloride [Non renewable resources]	Mass	4,62E-10	kg	Literature
Carbon dioxide [Renewable resources]	Mass	6,38E-01	kg	Literature
Catalyst [Operating materials]	Mass	3,99E-09	kg	Calculated
Chromium [Non renewable elements]	Mass	1,32E-04	kg	(No statement)
Chromium ore [Non renewable resources]	Mass	1,36E-21	kg	Calculated
Chrysotile [Non renewable resources]	Mass	1,78E-08	kg	(No statement)
Cinnabar [Non renewable resources]	Mass	1,85E-09	kg	(No statement)
Circuit material (Fe carrier) [Metals]	Mass	1,23E-07	kg	Calculated
Clay [Non renewable resources]	Mass	7,69E-03	kg	(No statement)
Cobalt [Non renewable elements]	Mass	3,05E-10	kg	(No statement)
Colemanite ore [Non renewable resources]	Mass	6,93E-03	kg	Calculated
Cooling water [Operating materials]	Mass	6,02E+01	kg	(Measured)
Copper [Non renewable elements]	Mass	4,01E-04	kg	(No statement)
Copper ore (0.14%) [Non renewable resources]	Mass	4,95E+00	kg	(Measured)
Copper ore (0.2%) [Non renewable resources]	Mass	1,44E-02	kg	Calculated
Copper ore (0.3%) [Non renewable resources]	Mass	2,12E-07	kg	Estimated
Copper ore (2%) [Non renewable resources]	Mass	1,26E-01	kg	Calculated
Copper ore (4%) [Non renewable resources]	Mass	7,88E-04	kg	Calculated
Copper scrap [Waste for recovery]	Mass	4,23E-03	kg	Estimated
Copper scrap prepared [Metals] Not followed to the				.
cradle	Mass	1,10E-03	•	Calculated
Crude oil [Crude oil (resource)]	Mass	8,13E-02	kg	(Literature)
Crude oil Algeria [Crude oil (resource)]	Mass	1,31E-02	•	(Literature)
Crude oil Angola [Crude oil (resource)]	Mass	4,94E-03	•	(Estimated)
Crude oil Argentina [Crude oil (resource)]	Mass	6,01E-05		Literature
Crude oil Australia [Crude oil (resource)]	Mass	1,75E-03	•	(Estimated)
Crude oil Brazil [Crude oil (resource)]	Mass	1,30E-03	•	Literature
Crude oil Brunei [Crude oil (resource)]	Mass	3,40E-12	-	Estimated
Crude oil Cameroon [Crude oil (resource)]	Mass	2,87E-03	-	(Estimated)
Crude oil Canada [Crude oil (resource)]	Mass	7,24E-03	•	(Literature)
Crude oil Central Africa [Crude oil (resource)]	Mass	8,02E-04	0	(Calculated)
Crude oil Central America [Crude oil (resource)]	Mass	4,65E-04	•	(Calculated)
Crude oil China [Crude oil (resource)]	Mass	3,06E-03	•	(Calculated)
Crude oil CIS [Crude oil (resource)]	Mass	5,70E-02	kg	(Literature)

LCI Data – Tablet e-paper newspaper, Swedish scenario

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Crude oil Colombia [Crude oil (resource)]	Mass	1,46E-06	kg	Literature
Crude oil Denmark [Crude oil (resource)]	Mass	2,86E-04	-	(Literature)
Crude oil Egypt [Crude oil (resource)]	Mass	8,83E-03	-	(Estimated)
Crude oil France [Crude oil (resource)]	Mass	1,85E-04	kg	(Literature)
Crude oil free wellhead [Crude oil (resource)]	Mass	-8,94E-06	kg	Literature
Crude oil Gabon [Crude oil (resource)]	Mass	4,30E-04	•	(Estimated)
Crude oil Germany [Crude oil (resource)]	Mass	4,67E-03	•	(Literature)
Crude oil Indonesia [Crude oil (resource)]	Mass	4,02E-03	•	(Estimated)
Crude oil Iran [Crude oil (resource)]	Mass	3,91E-02	•	(Estimated)
Crude oil Italy [Crude oil (resource)]	Mass	9,00E-03	•	(Literature)
Crude oil Kuwait [Crude oil (resource)]	Mass	4,11E-03		(Estimated)
Crude oil Libya [Crude oil (resource)]	Mass	6,56E-02	kg	(Literature)
Crude oil Mexico [Crude oil (resource)]	Mass	3,23E-03	-	(Literature)
Crude oil Middle East [Crude oil (resource)]	Mass	2,03E-03	kg	(Calculated)
Crude oil Netherlands [Crude oil (resource)]	Mass	4,76E-04	kg	(Literature)
Crude oil New Zealand [Crude oil (resource)]	Mass	4,70E-04 5,55E-05	kg	(Estimated)
Crude oil Nigeria [Crude oil (resource)]	Mass	1,44E-02	-	(Estimated)
Crude oil North Africa [Crude oil (resource)]	Mass	1,58E-03	•	(Calculated)
Crude oil Norway [Crude oil (resource)]	Mass	3,06E-02		(Literature)
Crude oil Oman [Crude oil (resource)]	Mass	1,42E-03	-	(Estimated)
Crude oil Onian [Crude oil (resource)] Crude oil Qatar [Crude oil (resource)]	Mass	1,42E-03	-	(Estimated)
Crude oil Gatal [Crude oil (resource)] Crude oil Saudi Arabia [Crude oil (resource)]	Mass	1,48E-03 5,09E-02	•	(Estimated)
Crude oil Tunisia [Crude oil (resource)]	Mass	4,26E-04	•	(Literature)
Crude oil United Arab Emirates [Crude oil (resource)]	Mass	4,20E-04 5,55E-03	-	(Estimated)
Crude oil United Kingdom [Crude oil (resource)]	Mass	3,98E-02	•	(Literature)
Crude oil USA [Crude oil (resource)]	Mass	3,98E-02 4,12E-05	kg	Literature
Crude oil Venezuela [Crude oil (resource)]	Mass	9,22E-03	kg	(Literature)
Diatomite [Non renewable resources]	Mass	9,37E-11	kg	(No statement)
Dolomite [Non renewable resources]	Mass	1,86E-05	kg	(Literature)
	Energy	1,002 00	Ng	(Eliciatore)
Energy, calorific value, in organic substance [biotic]	ren.	7,07E+00	MJ	(No statement)
Feldspar (aluminum silicates) [Non renewable resources]	Mass	1,22E-11	kg	(No statement)
Fluorine [Non renewable elements]	Mass	6,68E-07	kg	(No statement)
Fluorspar (calcium fluoride; fluorite) [Non renewable		_		
resources]	Mass	1,41E-03	•	Calculated
Granite [Non renewable resources]	Mass	7,58E-08	•	(No statement)
Gypsum (natural gypsum) [Non renewable resources]	Mass	7,28E-08	•	(No statement)
Hard coal [Hard coal (resource)]	Mass	3,20E-01	-	(Literature)
Hard coal Australia [Hard coal (resource)]	Mass	3,97E-02	0	(Calculated)
Hard coal Belgium [Hard coal (resource)]	Mass	2,31E-03	•	(Calculated)
Hard coal Brazil [Hard coal (resource)]	Mass	2,07E-04	•	(Estimated)
Hard coal Canada [Hard coal (resource)]	Mass	1,11E-02	-	(Calculated)
Hard coal China [Hard coal (resource)]	Mass	7,15E-02	-	(Calculated)
Hard coal CIS [Hard coal (resource)]	Mass	1,47E-02	0	(Calculated)
Hard coal Colombia [Hard coal (resource)]	Mass	2,31E-02	-	(Calculated)
Hard coal Czech Republic [Hard coal (resource)]	Mass	8,21E-03	-	(Calculated)
Hard coal France [Hard coal (resource)]	Mass	3,03E-02	•	(Calculated)
Hard coal Germany [Hard coal (resource)]	Mass	2,41E-01	•	(Calculated)
Hard coal Indonesia [Hard coal (resource)]	Mass	1,50E-02	-	(Calculated)
Hard coal Japan [Hard coal (resource)]	Mass	3,25E-03	•	(Calculated)
Hard coal Poland [Hard coal (resource)]	Mass	3,54E-02	-	(Calculated)
Hard coal Portugal [Hard coal (resource)]	Mass	4,50E-04	•	(Estimated)
Hard coal South Africa [Hard coal (resource)]	Mass	5,74E-01	кд	(Calculated)

LCI Data – Tablet e-paper newspaper, Swedish scenario

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Hard coal Spain [Hard coal (resource)]	Mass	5,95E-02		(Calculated)
Hard coal United Kingdom [Hard coal (resource)]	Mass	6,73E-03	kg	(Calculated)
Hard coal USA [Hard coal (resource)]	Mass	1,22E-01	kg	(Calculated)
Hard coal Venezuela [Hard coal (resource)]	Mass	6,70E-03	kg	(Calculated)
Heavy spar (barytes) [Non renewable resources]	Mass	4,82E-03	kg	(Literature)
Inert rock [Non renewable resources]	Mass	1,71E+01	kg	(Calculated)
Iron [Non renewable elements]	Mass	5,92E-03	kg	(Literature)
Iron ore (65%) [Non renewable resources]	Mass	4,58E-04	•	(Calculated)
Iron ore [Non renewable resources]	Mass	2,44E-03	kg	(Calculated)
Kaolin ore [Non renewable resources]	Mass	1,24E-02	kg	Measured
Kaolinite (24% in ore as mined) [Non renewable		.,		
resources]	Mass	3,81E-06	kg	(No statement)
Kieserite (25% in ore as mined) [Non renewable				
resources]	Mass	2,96E-08	kg	(No statement)
Lead - zinc ore (4.6%-0.6%) [Non renewable resources]	Mass	2,39E-02	kg	Calculated
Lead [Non renewable elements]	Mass	4,11E-04	•	(No statement)
Lead ore [Non renewable resources]	Mass	3,58E-03	kg	Estimated
Lignite [Lignite (resource)]	Mass	2,73E-02	•	(Literature)
Lignite Australia [Lignite (resource)]	Mass	2,04E-03	kg	Literature
Lignite Austria [Lignite (resource)]	Mass	6,21E-06	•	(Calculated)
Lignite France [Lignite (resource)]	Mass	3,49E-06	kg	Calculated
Lignite Germany (Lausitz) [Lignite (resource)]	Mass	2,61E-04	kg	Calculated
Lignite Germany (Rheinisch) [Lignite (resource)]	Mass	2,16E-02	kg	Calculated
Lignite Germany [Lignite (resource)]	Mass	1,02E+00	kg	(Literature)
Lignite Greece [Lignite (resource)]	Mass	5,66E-01	kg	Literature
Lignite Spain [Lignite (resource)]	Mass	1,14E-01	kg	Literature
Lignite USA [Lignite (resource)]	Mass	2,19E-04	kg	Literature
Limestone (calcium carbonate) [Non renewable resources]	Mass	1,17E-01	kg	(Literature)
Lithiumerz (R.O.M) [Non renewable resources]	Mass	2,65E-04	•	Calculated
Magnesit (Magnesium carbonate) [Non renewable	Mass	2,002-04	ĸy	Calculated
resources]	Mass	6,94E-05	kg	Calculated
Magnesium [Non renewable elements]	Mass	7,71E-09	kg	(No statement)
Magnesium carbonate [Inorganic intermediate products]	Mass	2,96E-03	kg	Estimated
Manganese [Non renewable elements]	Mass	1,92E-05	kg	(No statement)
Manganese ore (R.O.M.) [Non renewable resources]	Mass	2,26E-02	kg	Calculated
Molybdenum [Non renewable elements]	Mass	2,60E-05	kg	(No statement)
Natural Aggregate [Non renewable resources]	Mass	1,93E-01	kg	Calculated
Natural gas [Natural gas (resource)]	Mass	1,16E-01	kg	(Literature)
Natural gas Algeria [Natural gas (resource)]	Mass	3,38E-02	kg	(Literature)
Natural gas Angola [Natural gas (resource)]	Mass	4,00E-04	kg	(Estimated)
Natural gas Argentina [Natural gas (resource)]	Mass	1,97E-06	kg	Literature
Natural gas Australia [Natural gas (resource)]	Mass	7,25E-03	kg	(Literature)
Natural gas Brazil [Natural gas (resource)]	Mass	4,59E-04	kg	(Literature)
Natural gas Brunei [Natural gas (resource)]	Mass	5,10E-03	kg	(Estimated)
Natural gas Cameroon [Natural gas (resource)]	Mass	2,33E-04	kg	(Estimated)
Natural gas Canada [Natural gas (resource)]	Mass	2,51E-04	kg	(Literature)
Natural gas China [Natural gas (resource)]	Mass	1,74E-04	kg	(Calculated)
Natural gas CIS [Natural gas (resource)]	Mass	3,40E-01	kg	(Literature)
Natural gas Colombia [Natural gas (resource)]	Mass	5,54E-08	-	Literature
Natural gas Denmark [Natural gas (resource)]	Mass	9,34E-03	•	(Estimated)
Natural gas Egypt [Natural gas (resource)]	Mass	7,16E-04	-	(Estimated)
Natural gas France [Natural gas (resource)]	Mass	1,73E-03	•	(Estimated)
Natural gas Gabon [Natural gas (resource)]	Mass	3,57E-05	kg	(Estimated)

Flow - Inputs	Quantity	Amount	Unit	Origin of data
Natural gas Germany [Natural gas (resource)]	Mass	1,85E-01	kg	(Literature)
Natural gas Indonesia [Natural gas (resource)]	Mass	1,62E-02	kg	(Estimated)
Natural gas Iran [Natural gas (resource)]	Mass	1,46E-03	kg	(Estimated)
Natural gas Italy [Natural gas (resource)]	Mass	1,90E-02	kg	(Literature)
Natural gas Japan [Natural gas (resource)]	Mass	1,61E-03	kg	(Estimated)
Natural gas Kuwait [Natural gas (resource)]	Mass	1,54E-04	kg	(Estimated)
Natural gas Libyan [Natural gas (resource)]	Mass	6,58E-03	kg	(Literature)
Natural gas Malaysia [Natural gas (resource)]	Mass	7,21E-03	kg	(Estimated)
Natural gas Mexico [Natural gas (resource)]	Mass	1,06E-04	kg	(Literature)
Natural gas Netherlands [Natural gas (resource)]	Mass	2,99E-01	kg	(Literature)
Natural gas New Zealand [Natural gas (resource)]	Mass	1,23E-06	kg	(Estimated)
Natural gas Nigeria [Natural gas (resource)]	Mass	1,17E-03	kg	(Estimated)
Natural gas Norway [Natural gas (resource)]	Mass	1,43E-01	kg	(Literature)
Natural gas Oman [Natural gas (resource)]	Mass	5,31E-05	kg	(Estimated)
Natural gas Qatar [Natural gas (resource)]	Mass	5,52E-05	kg	(Estimated)
Natural gas Saudi Arabia [Natural gas (resource)]	Mass	1,90E-03	kg	(Estimated)
Natural gas Spain [Natural gas (resource)]	Mass	3,40E-04	kg	(Estimated)
Natural gas Tunisia [Natural gas (resource)]	Mass	3,45E-05	kg	(Literature)
Natural gas United Arab Emirates [Natural gas		-,	5	(
(resource)]	Mass	3,86E-03	kg	(Estimated)
Natural gas United Kingdom [Natural gas (resource)]	Mass	7,01E-03	kg	(Estimated)
Natural gas USA [Natural gas (resource)]	Mass	1,43E-03	kg	(Literature)
Natural gas Venezuela [Natural gas (resource)]	Mass	5,42E-04	kg	(Literature)
Nickel [Non renewable elements]	Mass	3,58E-04	kg	(No statement)
Nickel ore (1.6%) [Non renewable resources]	Mass	1,48E-01	kg	(Measured)
Nickel ore [Non renewable resources]	Mass	5,08E-02	kg	(No statement)
Nitrogen [Renewable resources]	Mass	2,76E-06	•	(Literature)
Occupation, arable, non-irrigated [Hemerobie ecoinvent]	Areatime	6,11E-05		· /
Occupation, construction site [Hemerobie ecoinvent]	Areatime		•	(No statement)
Occupation, dump site [Hemerobie ecoinvent]	Areatime			(No statement)
Occupation, dump site, benthos [Hemerobie ecoinvent]	Areatime		-	(No statement)
Occupation, forest, intensive [Hemerobie ecoinvent]	Areatime	7,99E-05	m2*yr	(No statement)
Occupation, forest, intensive, normal [Hemerobie ecoinvent]	Areatime	1 27E-01	m2*vr	(No statement)
Occupation, industrial area [Hemerobie ecoinvent]	Areatime		•	(No statement)
Occupation, industrial area, benthos [Hemerobie	/ loadine	1,202 00	iiiz yi	(No statement)
ecoinvent]	Areatime	4,50E-07	m2*yr	(No statement)
Occupation, industrial area, built up [Hemerobie				
ecoinvent]	Areatime	1,72E-04	m2*yr	(No statement)
Occupation, industrial area, vegetation [Hemerobie ecoinvent]	Areatime	1 525 04	m2*\/r	(No statement)
Occupation, mineral extraction site [Hemerobie	Alealine	1,53E-04	IIIZ YI	(NO Statement)
ecoinvent]	Areatime	1.37E-03	m2*vr	(No statement)
Occupation, permanent crop, fruit, intensive [Hemerobie		,	,	(
ecoinvent]	Areatime	2,61E-06	m2*yr	(No statement)
Occupation, shrub land, sclerophyllous [Hemerobie	A		0*	
ecoinvent] Occupation, traffic area, rail embankment [Hemerobie	Areatime	3,55E-05	m∠"yr	(No statement)
ecoinvent]	Areatime	5.33E-05	m2*vr	(No statement)
Occupation, traffic area, rail network [Hemerobie	, a caanto	0,002 00	···· _).	
ecoinvent]	Areatime	5,89E-05	m2*yr	(No statement)
Occupation, traffic area, road embankment [Hemerobie	. .		_ .	A 1 C C
ecoinvent]	Areatime	1,29E-03	m2*yr	(No statement)
Occupation, traffic area, road network [Hemerobie ecoinvent]	Areatime	5 17F-04	m2*\/r	(No statement)
coonvoluj	Alcaline	5,17∟-04	iiiz yi	

Flow - Inputs Occupation, urban, discontinuously built [Hemerobie	Quantity	Amount	Unit	Origin of data
ecoinvent] Occupation, water bodies, artificial [Hemerobie	Areatime	1,16E-07	m2*yr	(No statement)
ecoinvent] Occupation, water courses, artificial [Hemerobie	Areatime	2,95E-02	m2*yr	(No statement)
ecoinvent]	Areatime	6,19E-03	m2*yr	(No statement)
Olivine [Non renewable resources]	Mass	1,64E-09	•	(No statement)
Oxygen [Renewable resources]	Mass	2,82E-07	0	Literature
Palladium [Non renewable elements]	Mass	2,09E-10	•	(No statement)
Peat [Renewable resources]	Mass Number of	8,56E-02	U U	(No statement)
Personal computer [Flows] Not followed to the cradle	pieces	5,56E-03	•	Calculated
Phosphate ore [Non renewable resources]	Mass	2,36E-07	•	(Estimated)
Phosphorus [Non renewable elements]	Mass	2,70E-06	•	(No statement)
Pit gas [Natural gas (resource)]	Mass	1,22E-02	•	(Literature)
Platinum [Non renewable elements]	Mass	3,07E-10	•	(No statement)
Potassium chloride [Non renewable resources]	Mass	1,93E-08	•	(Literature)
Precious metal ore (R.O.M) [Non renewable resources] Primary energy from geothermics [Renewable energy	Mass Energy	4,24E+00	U U	(No statement)
resources] Primary energy from hydro power (BUWAL) [Renewable	ren. Energy	1,33E-08	MJ	Estimated
energy resources] Primary energy from hydro power [Renewable energy	ren. Energy	-6,39E-04	MJ	Literature
resources] Primary energy from solar energy [Renewable energy	ren. Energy	2,96E+01	MJ	(Literature)
resources] Primary energy from wind power [Renewable energy	ren. Energy	2,28E-04	MJ	Estimated
resources]	ren.	1,56E+00	MJ	Calculated
Process and cooling water [Operating materials]	Mass	7,41E-09	kg	Literature
Process water [Operating materials] Quartz sand (silica sand; silicon dioxide) [Non renewable	Mass	8,06E+01	kg	(Measured)
resources]	Mass	2,25E-02	kg	(Literature)
Raw brown coal (BUWAL) [Lignite (resource)]	Mass	-1,05E-06	kg	Literature
Raw hard coal (BUWAL) [Hard coal (resource)]	Mass	-9,07E-07	kg	Literature
Raw natural gas (BUWAL) [Natural gas (resource)]	Mass	-1,49E-06	•	Literature
Renewable fuels [Renewable energy resources]	Mass	5,21E-04	kg	(Estimated)
Rhenium [Non renewable elements]	Mass	1,81E-12	kg	(No statement)
Rhodium [Non renewable elements]	Mass	5,79E-12	•	(No statement)
Rutile (titanium ore) [Non renewable resources]	Mass	5,95E-12	0	(No statement)
sand [Non renewable resources]	Mass	6,91E-06	•	(No statement)
Silver [Non renewable elements]	Mass	4,96E-11	•	(No statement)
Slate [Non renewable resources]	Mass	9,46E-09	0	(No statement)
Sodium chloride (rock salt) [Non renewable resources]	Mass	2,87E-01	0	(Literature)
Sodium sulphate [Non renewable resources]	Mass	9,87E-05	•	Literature
Soil [Non renewable resources]	Mass	2,62E-02	•	(Calculated)
Steel scrap (St) [Waste for recovery]	Mass	2,14E-04	•	Calculated
Sulphite [Inorganic emissions to sea water]	Mass	7,60E-17	•	(No statement)
Sulphur (bonded) [Non renewable resources]	Mass	2,93E-07	•	(Literature)
Sulphur [Non renewable elements]	Mass	3,83E-06	•	(Literature)
Sylvite (25% in Sylvinite) [Non renewable resources]	Mass	2,24E-06	•	(No statement)
Talc [Non renewable resources]	Mass	2,44E-07	-	(No statement)
Tall oil (raw product) [Organic intermediate products]	Mass	1,24E-04	•	(No statement)
Tin [Non renewable elements]	Mass	2,97E-07	•	(No statement)
Tin ore [Non renewable resources] Titanium dioxide [Non renewable resources]	Mass Mass	9,86E-03 4,03E-05	•	Estimated (No statement)
- · · ·			-	,

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Flow - Inputs	Quantity	Amount	Unit	Origin of data
Titanium ore [Non renewable resources]	Mass	1,57E-05	•	(No statement)
Transformation, from arable [Hemerobie ecoinvent]	Area	2,88E-06	sqm	(No statement)
Transformation, from arable, non-irrigated [Hemerobie	•	4 405 04		
ecoinvent]	Area	1,13E-04	sqm	(No statement)
Transformation, from arable, non-irrigated, fallow	A	4 405 00		
[Hemerobie ecoinvent]	Area	4,42E-08	sqm	(No statement)
Transformation, from dump site, inert material landfill	Aree			(No statement)
[Hemerobie ecoinvent] Transformation, from dump site, residual material landfill	Area	6,20E-06	sqm	(No statement)
[Hemerobie ecoinvent]	Area	5,50E-07	cam	(No statement)
Transformation, from dump site, sanitary landfill	Alea	5,50E-07	sym	(NO Statement)
[Hemerobie ecoinvent]	Area	2,01E-07	sam	(No statement)
Transformation, from dump site, slag compartment	/ 104	2,012 07	oqin	
[Hemerobie ecoinvent]	Area	1,46E-07	sam	(No statement)
Transformation, from forest [Hemerobie ecoinvent]	Area	8,44E-05	•	(No statement)
Transformation, from forest, extensive [Hemerobie	/ 1104	0,112 00	oqin	
ecoinvent]	Area	9,64E-04	sam	(No statement)
Transformation, from industrial area [Hemerobie		0,012 01	• •	()
ecoinvent]	Area	4,28E-06	sqm	(No statement)
Transformation, from industrial area, benthos [Hemerobie		,	•	· · · · · · · · · · · · · · · · · · ·
ecoinvent]	Area	5,26E-09	sqm	(No statement)
Transformation, from industrial area, built up [Hemerobie				
ecoinvent]	Area	6,47E-10	sqm	(No statement)
Transformation, from industrial area, vegetation				
[Hemerobie ecoinvent]	Area	1,10E-09	sqm	(No statement)
Transformation, from mineral extraction site [Hemerobie				
ecoinvent]	Area	2,21E-05	sqm	(No statement)
Transformation, from pasture and meadow [Hemerobie				
ecoinvent]	Area	5,28E-05	sqm	(No statement)
Transformation, from pasture and meadow, intensive	A	0 405 00		(Nie statement)
[Hemerobie ecoinvent]	Area	9,10E-08	sqm	(No statement)
Transformation, from sea and ocean [Hemerobie ecoinvent]	Area	4 425 05	oam	(No statement)
Transformation, from shrub land, sclerophyllous	Alea	4,43E-05	sqm	(NO Statement)
[Hemerobie ecoinvent]	Area	4,49E-05	sam	(No statement)
Transformation, from unknown [Hemerobie ecoinvent]	Area	4,49E-03 3,19E-04	•	(No statement)
				` '
Transformation, to arable [Hemerobie ecoinvent]	Area	1,21E-05	sqm	(No statement)
Transformation, to arable, non-irrigated [Hemerobie ecoinvent]	Area	1,13E-04	sam	(No statement)
Transformation, to arable, non-irrigated, fallow	Alea	1,132-04	Sym	(NO Statement)
[Hemerobie ecoinvent]	Area	7,58E-08	sam	(No statement)
Transformation, to dump site [Hemerobie ecoinvent]	Area	1,60E-05	-	(No statement)
Transformation, to dump site, benthos [Hemerobie	Alca	1,002 00	Sqiii	(No Statement)
ecoinvent]	Area	4,43E-05	sam	(No statement)
Transformation, to dump site, inert material landfill	/ 104	1,102.00	oqm	
[Hemerobie ecoinvent]	Area	6,20E-06	sam	(No statement)
Transformation, to dump site, residual material landfill		0,202 00	• 4	()
[Hemerobie ecoinvent]	Area	5,50E-07	sqm	(No statement)
Transformation, to dump site, sanitary landfill [Hemerobie		-,		(
ecoinvent]	Area	2,01E-07	sqm	(No statement)
Transformation, to dump site, slag compartment			•	· · · · · · · · · · · · · · · · · · ·
[Hemerobie ecoinvent]	Area	1,46E-07	sqm	(No statement)
Transformation, to forest [Hemerobie ecoinvent]	Area	2,04E-05	sqm	(No statement)
Transformation, to forest, intensive [Hemerobie			-	
ecoinvent]	Area	5,32E-07	sqm	(No statement)
Transformation, to forest, intensive, normal [Hemerobie				
ecoinvent]	Area	9,54E-04	•	(No statement)
Transformation, to heterogeneous, agricultural	Area	4,27E-06	sqm	(No statement)

Flow - Inputs [Hemerobie ecoinvent]	Quantity	Amount	Unit	Origin of data
Transformation, to industrial area [Hemerobie ecoinvent] Transformation, to industrial area, benthos [Hemerobie	Area	2,44E-05	sqm	(No statement)
ecoinvent] Transformation, to industrial area, built up [Hemerobie	Area	2,97E-08	sqm	(No statement)
ecoinvent] Transformation, to industrial area, vegetation [Hemerobie	Area	7,41E-06	sqm	(No statement)
ecoinvent] Transformation, to mineral extraction site [Hemerobie	Area	4,09E-06	sqm	(No statement)
ecoinvent] Transformation, to pasture and meadow [Hemerobie	Area	1,43E-04	sqm	(No statement)
ecoinvent] Transformation, to permanent crop, fruit, intensive	Area	3,26E-07	sqm	(No statement)
[Hemerobie ecoinvent]	Area	4,40E-08	sam	(No statement)
Transformation, to sea and ocean [Hemerobie ecoinvent]	Area	5,26E-09	•	(No statement)
Transformation, to shrub land, sclerophyllous [Hemerobie ecoinvent]	Area	7,10E-06	•	(No statement)
Transformation, to traffic area, rail embankment	/ lica	7,102 00	oqm	
[Hemerobie ecoinvent] Transformation, to traffic area, rail network [Hemerobie	Area	1,24E-07	sqm	(No statement)
ecoinvent] Transformation, to traffic area, road embankment	Area	1,36E-07	sqm	(No statement)
[Hemerobie ecoinvent] Transformation, to traffic area, road network [Hemerobie	Area	9,52E-06	sqm	(No statement)
ecoinvent]	Area	7,78E-06	sam	(No statement)
Transformation, to unknown [Hemerobie ecoinvent]	Area	4,15E-06	•	(No statement)
Transformation, to urban, discontinuously built	/ 104	1,102 00	oqm	
[Hemerobie ecoinvent] Transformation, to water bodies, artificial [Hemerobie	Area	2,30E-09	sqm	(No statement)
ecoinvent] Transformation, to water courses, artificial [Hemerobie	Area	2,04E-04	sqm	(No statement)
ecoinvent]	Area	7,61E-05	sqm	(No statement)
Ulexite [Non renewable resources]	Mass	6,78E-07	•	(No statement)
Uranium free ore (BUWAL) [Uranium (resource)]	Mass	-2,93E-08	kg	Literature
Uranium free ore [Uranium (resource)]	Mass	4,69E-09	•	Literature
Uranium natural [Uranium (resource)]	Mass	1,38E-04	kg	(Literature)
Waste for recovery (unspecified) [Waste for recovery]	Mass	1,59E-01	kg	(No statement)
Water (feed water) [Water]	Mass	2,37E-02	kg	(Literature)
Water (ground water) [Water]	Mass	1,14E+02	kg	Estimated
Water (lake water) [Water]	Mass	2,57E-02	kg	(No statement)
Water (river water) [Water]	Mass	1,35E+01	kg	(No statement)
Water (sea water) [Water]	Mass	2,13E+00	kg	(Literature)
Water (surface water) [Water]	Mass	1,57E+02	kg	(Calculated)
Water [Water]	Mass	2,09E+02	kg	(Measured)
Water for industrial use [Operating materials]	Mass	4,86E+00	kg	(Calculated)
Water, salt, sole [in water]	Volume	4,08E-05	m3	(No statement)
Water, turbine use, unspecified natural origin [in water]	Volume	6,74E+01	m3	(No statement)
Vermiculite [Non renewable resources]	Mass	2,45E-08	kg	(No statement)
Volume occupied, final repository for low-active				
radioactive waste [Hemerobie ecoinvent] Volume occupied, final repository for radioactive waste	Volume	7,06E-08	m3	(No statement)
[Hemerobie ecoinvent]	Volume Cubic meter	1,81E-08	m3	(No statement)
Volume occupied, reservoir [Hemerobie ecoinvent]	years	5,12E-01	m3a	(No statement)
Volume occupied, underground deposit [Hemerobie	Volume	2,26E-08		(No statement)

Flow - Inputs ecoinvent]	Quantity	Amount	Unit	Origin of data
Wood (BUWAL) [Renewable energy resources]	Mass	-2,08E-02	ka	Literature
Wood [Renewable energy resources]	Mass	1,24E-02	•	(Calculated)
Wood, hard, standing [biotic]	Volume	1,95E-04	•	(No statement)
Wood, soft, standing [biotic]	Volume	5,01E-04		(No statement)
Zinc - copper ore (4.07%-2.59%) [Non renewable		,		(, , , , , , , , , , , , , , , , , , ,
resources]	Mass	2,67E-01	kg	(Calculated)
Zinc - lead - copper ore (12%-3%-2%) [Non renewable				
resources]	Mass	2,02E-01	kg	Calculated
Zinc - lead ore (4.21%-4.96%) [Non renewable resources]	Mass	2,96E-09	kg	Estimated
Zinc [Non renewable elements]	Mass	1,22E-05	•	(No statement)
Zinc ore (sulphide) [Non renewable resources]	Mass	6,34E-11	•	Calculated
	Mass	0,042 11	Ng	Galodiated
Flow - Outputs	Quantity	Amount	Unit	Origin of data
1,1,1-Trichloroethane [Halogenated organic emissions to	Mass	2,04E-08	kg	Estimated
air] Accepted there [Hydrocarbons to fresh water]	Mass	2,04E-08 1,38E-11	•	(No statement)
Acenaphthene [Hydrocarbons to fresh water] Acenaphthene [Hydrocarbons to sea water]	Mass	6,64E-12	•	(No statement)
	Mass	8,62E-12		· ,
Acenaphthylene [Hydrocarbons to fresh water]	Mass		0	(No statement) (No statement)
Acenaphthylene [Hydrocarbons to sea water] Acentaphthene [Group NMVOC to air]		4,15E-13	•	· ,
	Mass	2,67E-12	•	(No statement)
Acetaldehyde (Ethanal) [Group NMVOC to air]	Mass	2,97E-06	•	(Literature)
Acetic acid [Group NMVOC to air]	Mass	1,20E-05	•	(Literature)
Acetic acid [Hydrocarbons to fresh water]	Mass	6,89E-09	•	(No statement)
Acetone (dimethylcetone) [Group NMVOC to air] Acid (calculated as H+) [Inorganic emissions to fresh	Mass	2,82E-06	кд	(Literature)
water]	Mass	3,88E-05	kg	(Literature)
Aclonifen [Pesticides to agricultural soil]	Mass	2,29E-10	•	(No statement)
Acrolein [Group NMVOC to air]	Mass	1,77E-10	•	(No statement)
Acrylonitrile [Hydrocarbons to fresh water]	Mass	3,23E-05	•	Calculated
Adsorbable organic halogen compounds (AOX)	Made	0,202 00	Ng	Calculator
[Analytical measures to fresh water]	Mass	2,36E-04	kg	(Measured)
Adsorbable organic halogen compounds (AOX)			U U	, , , , , , , , , , , , , , , , , , ,
[Analytical measures to sea water]	Mass	3,87E-10	kg	(No statement)
Aktinide (general) [Radioactive emissions to air]	Activity	8,94E-07	Bq	(No statement)
Aktinide (general) [Radioactive emissions to sea water]	Activity	9,91E-02	Bq	(No statement)
Aldehyde (unspecified) [Group NMVOC to air]	Mass	1,11E-07	kg	(Literature)
Alkane (unspecified) [Group NMVOC to air]	Mass	4,46E-05	kg	(Calculated)
Alkane (unspecified) [Hydrocarbons to fresh water]	Mass	2,88E-07	kg	(No statement)
Alkane (unspecified) [Hydrocarbons to sea water]	Mass	1,39E-07	kg	(No statement)
Alkene (unspecified) [Group NMVOC to air]	Mass	4,31E-05	•	(Calculated)
Alkene (unspecified) [Hydrocarbons to fresh water]	Mass	2,66E-08	kg	(No statement)
Alkene (unspecified) [Hydrocarbons to sea water]	Mass	1,28E-08	-	(No statement)
Aluminum [Fresh water]	Mass	4,60E-04	•	(No statement)
Aluminum [Inorganic emissions to agricultural soil]	Mass	1,67E-05	kg	(No statement)
Aluminum [Inorganic emissions to fresh water]	Mass	7,94E-05	kg	(Literature)
Aluminum [Inorganic emissions to industrial soil]	Mass	1,84E-06	kg	(No statement)
Aluminum [Inorganic emissions to sea water]	Mass	6,84E-07	•	(No statement)
Aluminum [Particles to air]	Mass	2,90E-05	•	(No statement)
Aluminum chips [Waste for recovery]	Mass	2,86E-04	•	Calculated
Aluminum oxide (alumina) [Waste for recovery]	Mass	2,26E-04	-	(Calculated)
Aluminum scrap [Waste for recovery]	Mass	1,69E-03	•	(Measured)
Americium (Am241) [Radioactive emissions to fresh	Activity	1,18E-01	Bq	Calculated

Flow - Outputs water]	Quantity	Amount	Unit	Origin of data
Ammonia [Inorganic emissions to air]	Mass	6,14E-05	kg	(Calculated)
Ammonia [Inorganic emissions to fresh water]	Mass	1,80E-06	kg	(Measured)
Ammonium / ammonia [Fresh water] Ammonium / ammonia [Inorganic emissions to fresh	Mass	1,03E-07	kg	(No statement)
water]	Mass	1,15E-04	kg	(Estimated)
Ammonium / ammonia [Inorganic emissions to sea water]	Mass	8,76E-08	kg	(No statement)
Ammonium [Inorganic emissions to air]	Mass	3,04E-06	kg	Measured
Ammonium carbonate [high population density]	Mass	1,76E-09	kg	(No statement)
Ammonium nitrate [Inorganic emissions to air]	Mass	1,72E-09	kg	(Literature)
Antimony (Sb122) [Radioactive emissions to fresh water]	Activity	1,20E-06	Bq	(No statement)
Antimony (Sb124) [Radioactive emissions to air]	Activity	3,92E-05	Bq	(Literature)
Antimony (Sb124) [Radioactive emissions to fresh water]	Activity	2,19E-02	Bq	(Literature)
Antimony (Sb125) [Radioactive emissions to air]	Activity	3,10E-08	Bq	(No statement)
Antimony (Sb125) [Radioactive emissions to fresh water]	Activity	2,94E-02	Bq	(Literature)
Antimony [Fresh water]	Mass	2,09E-04	kg	(No statement)
Antimony [Heavy metals to agricultural soil]	Mass	3,80E-13	kg	(No statement)
Antimony [Heavy metals to air]	Mass	2,27E-07	kg	(Calculated)
Antimony [Heavy metals to fresh water]	Mass	1,13E-04	kg	(No statement)
Antimony [Heavy metals to industrial soil]	Mass	1,35E-11	kg	(No statement)
Argon (Ar41) [Radioactive emissions to air]	Activity	2,47E+02	Bq	(Literature)
Argon [Inorganic emissions to air]	Mass	3,18E-06	kg	(No statement)
Aromatic hydrocarbons (unspecified) [Group NMVOC to air]	Mass	8,19E-07	kg	(Calculated)
Aromatic hydrocarbons (unspecified) [Hydrocarbons to fresh water]	Mass	1,16E-06	kg	Literature
Aromatic hydrocarbons (unspecified) [Hydrocarbons to				
sea water]	Mass	6,10E-07	kg	(No statement)
Arsenic [Fresh water]	Mass	3,98E-07	kg	(No statement)
Arsenic [Heavy metals to agricultural soil]	Mass	4,87E-09	kg	(No statement)
Arsenic [Heavy metals to air]	Mass	1,77E-06	kg	(Literature)
Arsenic [Heavy metals to fresh water]	Mass	8,70E-07	•	(Literature)
Arsenic [Heavy metals to industrial soil]	Mass	1,58E-06	•	Measured
Arsenic [Heavy metals to sea water]	Mass	1,19E-09	0	(No statement)
Arsenic trioxide [Heavy metals to air]	Mass	1,18E-11	-	Measured
Ash [Stockpile goods]	Mass	4,00E-03	•	(Estimated)
Atrazine [Pesticides to agricultural soil]	Mass	2,62E-12	•	(No statement)
Barium (Ba140) [Radioactive emissions to air]	Activity	2,01E-06		(No statement)
Barium (Ba140) [Radioactive emissions to fresh water]	Activity	5,24E-06	•	(No statement)
Barium [Fresh water]	Mass	1,30E-05		(No statement)
Barium [Inorganic emissions to agricultural soil]	Mass	3,73E-11	kg	(No statement)
Barium [Inorganic emissions to air]	Mass	7,38E-06	•	(Literature)
Barium [Inorganic emissions to fresh water]	Mass	2,69E-06	-	(Literature)
Barium [Inorganic emissions to industrial soil]	Mass	9,19E-07	•	(No statement)
Barium [Inorganic emissions to sea water] Barium compounds (unspecified; rel. to Ba) [Inorganic	Mass	9,31E-07	U	(No statement)
emissions to air]	Mass	1,52E-10	-	Calculated
Barytes [ocean]	Mass	2,76E-05	•	(No statement)
Battery Li-Ion (E-Paper) [Flows]	Mass	6,55E-11	•	(No statement)
Bentazone [Pesticides to agricultural soil]	Mass	1,17E-10	•	(No statement)
Benzaldehyde [Group NMVOC to air]	Mass	1,52E-11	•	(No statement)
Benzene [Group NMVOC to air]	Mass	1,42E-05	•	(Literature)
Benzene [Hydrocarbons to fresh water]	Mass	2,03E-06	•	(Literature)
Benzene [Hydrocarbons to sea water]	Mass	8,88E-08	kg	(No statement)

	Quantity	Amount	Unit	Origin of data
Flow - Outputs Benzo{a}pyrene [Group PAH to air]	Quantity Mass	5,32E-08		Origin of data (Literature)
Beryllium [Fresh water]	Mass	4,99E-08	kg	(No statement)
Beryllium [Inorganic emissions to air]	Mass	4,99E-08 2,68E-08	kg	(Calculated)
Beryllium [Inorganic emissions to fresh water]	Mass	2,00E-00 3,09E-09	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to	Mass	0,00E 00	Ng	(Enclatato)
fresh water]	Mass	1,05E-03	kg	(Literature)
Biological oxygen demand (BOD) [Analytical measures to			U	· · · ·
sea water]	Mass	1,14E-04	kg	(No statement)
Biological oxygen demand, BSB5 (Ecoinvent) [Fresh			1	
water]	Mass	4,87E-04	kg	(No statement)
Blast furnace slag [Waste for recovery]	Mass	3,18E-04	kg	(Calculated)
Boiler ash (unspecified) [Waste for recovery]	Mass	4,49E-02	•	(Calculated)
Boron [Fresh water]	Mass	6,17E-06	•	(No statement)
Boron [Inorganic emissions to air]	Mass	2,03E-08	•	(No statement)
Boron [Inorganic emissions to fresh water]	Mass	2,57E-06	•	(Literature)
Boron [Inorganic emissions to sea water]	Mass	8,78E-09	kg	(No statement)
Boron compounds (unspecified) [Inorganic emissions to air]	Mass	2,72E-05	kg	(Calculated)
Bromate [Inorganic emissions to fresh water]	Mass	1,02E-07	•	(No statement)
Bromine [Fresh water]	Mass	8,12E-05	•	(No statement)
Bromine [Inorganic emissions to air]	Mass	8,56E-06	•	(Calculated)
Bromine [Inorganic emissions to fresh water]	Mass	3,83E-04	•	(No statement)
Bromine [Inorganic emissions to sea water]	Mass	7,48E-07	•	(No statement)
Butadiene [Group NMVOC to air]	Mass	3,85E-14	•	(No statement)
Butane (n-butane) [Group NMVOC to air]	Mass	8,11E-06	•	(Calculated)
Butane [Group NMVOC to air]	Mass	2,42E-05	•	(Literature)
Butene [Group NMVOC to air]	Mass	6,98E-08	•	(No statement)
Butene [Hydrocarbons to fresh water]	Mass	3,99E-10	•	(No statement)
Cadmium [Fresh water]	Mass	1,15E-07	kg	(No statement)
Cadmium [Heavy metals to agricultural soil]	Mass	9,84E-09	•	(No statement)
Cadmium [Heavy metals to air]	Mass	2,87E-07	kg	(Literature)
Cadmium [Heavy metals to fresh water]	Mass	6,34E-07	-	(Literature)
Cadmium [Heavy metals to industrial soil]	Mass	2,56E-07	•	(Measured)
Cadmium [Heavy metals to sea water]	Mass	3,60E-10	•	(No statement)
CaF2 (low radioactice) [Radioactive waste]	Mass	1,10E-05		(Literature)
Calcium [Fresh water]	Mass	2,20E-03	-	(No statement)
Calcium [Inorganic emissions to fresh water]	Mass	1,02E-02	•	(Literature)
Calcium [Inorganic emissions to sea water]	Mass	3,52E-05	•	(No statement)
Carbetamide [Pesticides to agricultural soil]	Mass	4,22E-11	kg	(No statement)
Carbon (C14) [Radioactive emissions to air]	Activity	1,79E+02	-	(Literature)
Carbon (C14) [Radioactive emissions to fresh water]	Activity	6,10E+00	Bq	(Calculated)
Carbon (unspecified) [Organic emissions to agricultural				
soil]	Mass	3,98E-05	kg	(No statement)
Carbon (unspecified) [Organic emissions to industrial	Maga		1.0	(No statement)
soil] Carbon diavida (histia) [Air]	Mass	5,51E-06	•	(No statement)
Carbon dioxide (biotic) [Air]	Mass	6,43E-01	kg	(No statement)
Carbon dioxide [Inorganic emissions to air]	Mass	9,59E+00	•	(Calculated)
Carbon disulphide [Inorganic emissions to air]	Mass	2,93E-06	•	(No statement)
Carbon monoxide (biotic) [Air]	Mass	6,55E-05	•	(No statement)
Carbon monoxide [Inorganic emissions to air] Carbon tetrachloride (tetrachloromethane) [Halogenated	Mass	4,61E-03	ку	(Literature)
organic emissions to air]	Mass	4,76E-10	ka	(No statement)
Carbon, organically bound [Organic emissions to fresh		.,		
water]	Mass	7,17E-08	kg	Calculated

	Q	A	11	Origin of data
Flow - Outputs Carbonate [Inorganic emissions to fresh water]	Quantity Mass	Amount 1,16E-04	Unit kg	Origin of data (Literature)
Cerium (Ce141) [Radioactive emissions to air]	Activity	4,88E-07	•	(No statement)
Cerium (Ce141) [Radioactive emissions to fresh water]	Activity	2,10E-06	Bq	(No statement)
Cerium (Ce144) [Radioactive emissions to fresh water]	Activity	6,38E-07	•	(No statement)
Cesium (Cs134) [Radioactive emissions to air]	Activity	3,28E-02	•	(Literature)
Cesium (Cs134) [Radioactive emissions to fresh water]	Activity	7,79E+00	Bq	(Literature)
Cesium (Cs136) [Radioactive emissions to fresh water]	Activity	3,72E-07	Bq	(No statement)
Cesium (Cs137) [Radioactive emissions to air]	Activity	6,68E-02	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to fresh water]	Activity	5,56E+01	Bq	(Literature)
Cesium (Cs137) [Radioactive emissions to sea water]	Activity	1,14E+01	Bq	(No statement)
Cesium [Heavy metals to fresh water]	Mass	2,22E-09	kg.	(No statement)
Cesium [Heavy metals to sea water]	Mass	1,07E-09	kg	(No statement)
Chemical oxygen demand (COD) [Analytical measures to			-	
fresh water]	Mass	2,79E-02	kg	(Literature)
Chemical oxygen demand (COD) [Analytical measures to			1	
sea water]	Mass	1,15E-04	кg	(No statement)
Chemical oxygen demand, CSB (Ecoinvent) [Fresh water]	Mass	1,49E-03	kg	(No statement)
Chlorate [Inorganic emissions to fresh water]	Mass	8,45E-07	•	(No statement)
Chloride (unspecified) [Inorganic emissions to air]	Mass	2,45E-05	•	(Measured)
Chloride [Fresh water]	Mass	2,06E-05	kg	(No statement)
Chloride [Inorganic emissions to fresh water]	Mass	1,33E-01	kg	(Literature)
Chloride [Inorganic emissions to sea water]	Mass	5,36E-04	kg	(No statement)
Chlorinated hydrocarbons (unspecified) [Halogenated		-,		(,
organic emissions to fresh water]	Mass	1,86E-06	kg	(Literature)
Chlorine (dissolved) [Inorganic emissions to fresh water]	Mass	9,42E-05	kg	(Literature)
Chlorine [Inorganic emissions to agricultural soil]	Mass	2,16E-06	kg	(No statement)
Chlorine [Inorganic emissions to air]	Mass	1,07E-06	kg	(Literature)
Chlorine [Inorganic emissions to industrial soil]	Mass	5,26E-05	kg	(No statement)
Chloromethane (methyl chloride) [Halogenated organic				
emissions to air] Chloromethane (methyl chloride) [Halogenated organic	Mass	8,27E-08	кg	Estimated
emissions to fresh water]	Mass	5,99E-07	kg	(Literature)
Chlorothalonil [Pesticides to agricultural soil]	Mass	1,00E-09	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to	Mass	1,002 00	Ng	
fresh water]	Mass	3,01E-09	kg	(No statement)
Chlorous dissolvent [Halogenated organic emissions to			•	
sea water]	Mass	2,54E-16	•	(No statement)
Chromium (Cr51) [Radioactive emissions to air]	Activity	3,13E-08		(No statement)
Chromium (Cr51) [Radioactive emissions to fresh water]	Activity	2,19E-02	Bq	(No statement)
Chromium (unspecified) [Heavy metals to agricultural soil]	Mass	1,43E-07	ka	(No statement)
Chromium (unspecified) [Heavy metals to air]	Mass	1,43E-07 1,64E-06	•	(Literature)
Chromium (unspecified) [Heavy metals to an] Chromium (unspecified) [Heavy metals to fresh water]	Mass	1,91E-07	•	(Literature)
Chromium (unspecified) [Heavy metals to industrial soil]	Mass	1,14E-08	•	(No statement)
Chromium +III [Heavy metals to air]	Mass	1,72E-08	•	Measured
Chromium +III [Heavy metals to fresh water]	Mass	1,78E-07	•	(Literature)
Chromium +III [Heavy metals to industrial soil]	Mass	3,26E-09	•	Calculated
Chromium +VI [Fresh water]	Mass	1,16E-06	•	(No statement)
Chromium +VI [Heavy metals to air]	Mass	1,16E-08	-	(No statement)
Chromium +VI [Heavy metals to fresh water]	Mass	5,98E-07	•	Literature
Chromium +VI [Heavy metals to industrial soil]	Mass	1,42E-06	•	(No statement)
Cobalt (Co57) [Radioactive emissions to fresh water]	Activity	1,18E-05	Bq	(No statement)
Cobalt (Co58) [Radioactive emissions to air]	Activity	1,92E-04	•	(Literature)
Cobalt (Co58) [Radioactive emissions to fresh water]	Activity	2,25E-01	•	(Literature)

	Quantity	Amount	Unit	Origin of data
Flow - Outputs Cobalt (Co60) [Radioactive emissions to air]	Activity	4,81E-03		Origin of data (Literature)
Cobalt (Co60) [Radioactive emissions to fresh water]	Activity	4,01E-03 2,59E+01	Bq	(Literature)
Cobalt [Fresh water]	Mass	2,49E-06	•	(No statement)
Cobalt [Heavy metals to agricultural soil]	Mass	1,36E-08	kg	(No statement)
Cobalt [Heavy metals to air]	Mass	1,03E-06	kg	(Literature)
Cobalt [Heavy metals to fresh water]	Mass	8,87E-09	kg	Measured
Cobalt [Heavy metals to industrial soil]	Mass	1,12E-08	kg	Measured
Cobalt [Heavy metals to sea water]	Mass	3,42E-10	kg	(No statement)
Cooling water [Waste for recovery]	Mass	5,18E+01	kg	(Measured)
Copper [Fresh water]	Mass	1,77E-04	kg	(No statement)
Copper [Heavy metals to agricultural soil]	Mass	1,61E-07	•	(No statement)
Copper [Heavy metals to air]	Mass	7,21E-06	kg	(Literature)
Copper [Heavy metals to fresh water]	Mass	1,91E-06	kg	(Literature)
Copper [Heavy metals to industrial soil]	Mass	6,81E-06	kg	(Measured)
Copper [Heavy metals to sea water]	Mass	1,99E-09	kg	(No statement)
Cumene (isopropylbenzene) [Group NMVOC to air]	Mass	3,12E-08	kg	(No statement)
Cumene (isopropylbenzene) [Organic emissions to fresh				
water]	Mass	7,49E-08	kg	(No statement)
Curium (Cm alpha) [Radioactive emissions to fresh			Da	Coloulated
water]	Activity	1,57E-01	Bq	Calculated
Cyanide (unspecified) [Inorganic emissions to air]	Mass	8,28E-07	kg	(No statement)
Cyanide [Inorganic emissions to fresh water]	Mass Mass	6,67E-07	kg	(Literature)
Cyanide [Inorganic emissions to sea water]		3,80E-09	kg ka	(No statement)
Cycloalkanes (unspec.) [Group NMVOC to air]	Mass Mass	4,98E-10 9,40E-13	kg ka	(No statement) (No statement)
Cypermethrin [Pesticides to agricultural soil] Detergent (unspecified) [Other emissions to fresh water]	Mass	9,40E-13 8,61E-10	kg ka	· ,
Dichloroethane (ethylene dichloride) [Halogenated	Mass	0,012-10	ĸġ	(Literature)
organic emissions to air]	Mass	7,10E-09	kg	(No statement)
Dichloroethane (ethylene dichloride) [Halogenated	made	1,102 00	Ng	
organic emissions to fresh water]	Mass	3,37E-09	kg	(No statement)
Dichloromethane (methylene chloride) [Halogenated				
organic emissions to air]	Mass	4,84E-05	kg	Calculated
Dichloromethane (methylene chloride) [Halogenated	Maaa		1.0	(No statement)
organic emissions to fresh water] Dichloropropane [Halogenated organic emissions to fresh	Mass	4,65E-08	kg	(No statement)
water]	Mass	2,69E-10	ka	Calculated
Dichromate [river]	Mass	3,74E-08	•	(No statement)
Diethyl amine (ethylene ethane amine) [Group NMVOC	made	0,7 12 00	Ng	
to air]	Mass	1,78E-11	kg	Measured
Different pollutants [Other emissions to agricultural soil]	Mass	3,21E-04	kg	(No statement)
Different pollutants [Other emissions to industrial soil]	Mass	1,37E-05	kg	(No statement)
Dinoseb [Pesticides to agricultural soil]	Mass	2,73E-10	kg	(No statement)
Dissolved organic carbon, DOC (Ecoinvent) [Fresh water]	Mass	5,97E-04	kg	(No statement)
Dross [Waste for recovery]	Mass	1,15E-04	kg	(Literature)
Dust (> PM10) [Particles to air]	Mass	9,01E-04	kg	(No statement)
Dust (PM2,5 - PM10) [Particles to air]	Mass	1,00E-04	kg	(No statement)
Dust (PM2.5) [Particles to air]	Mass	6,83E-04	kg	(No statement)
Dust (unspecified) [Particles to air]	Mass	4,23E-03	kg	(Literature)
Ethane [Group NMVOC to air]	Mass	8,78E-04	•	(Calculated)
Ethanol [Group NMVOC to air]	Mass	5,81E-06	•	(Literature)
Ethene (ethylene) [Group NMVOC to air]	Mass	1,26E-06	-	Calculated
Ethene (ethylene) [Hydrocarbons to fresh water]	Mass	2,80E-08	•	(No statement)
Ethine (acetylene) [Group NMVOC to air]	Mass	1,96E-08	•	(No statement)
Ethyl benzene [Group NMVOC to air]	Mass	2,58E-05	kg	(Calculated)

Flow Outpute	Our and the	A	11	Origin of data
Flow - Outputs	Quantity Mass	Amount 3,89E-07	Unit	Origin of data (Literature)
Ethyl benzene [Hydrocarbons to fresh water] Ethyl benzene [Hydrocarbons to sea water]	Mass	2,56E-08	kg kg	(No statement)
Ethylene oxide [Group NMVOC to air]	Mass	2,30E-00 3,79E-10	kg	(No statement)
Ethylene oxide [Hydrocarbons to fresh water]	Mass	7,70E-12	kg	(No statement)
Ethylenediamine [Group NMVOC to air]	Mass	3,06E-13	kg	(No statement)
Ethylenediamine [Organic emissions to fresh water]	Mass	7,41E-13	kg	(No statement)
Exhaust [Other emissions to air]	Mass	3,53E+01	kg	(Calculated)
Fatty acids (calculated as total carbon) [Hydrocarbons to	made	0,002101	Ng	(Calculatod)
fresh water]	Mass	8,15E-06	kg	(No statement)
Fatty acids (calculated as total carbon) [Hydrocarbons to			-	
sea water]	Mass	6,24E-06	kg	(No statement)
Fenpiclonil [Pesticides to agricultural soil]	Mass	4,74E-11	kg	(No statement)
Filter dust (heavy fuel oil power plant) [Waste for	Maaa		ka	(Coloulated)
recovery] Filter duct [Moste for recovery]	Mass Mass	8,56E-05	kg ka	(Calculated) Calculated
Filter dust [Waste for recovery]		9,49E-07	kg ka	
Fluoride (unspecified) [Inorganic emissions to air]	Mass	2,63E-06	kg ka	(Literature)
Fluoride [Fresh water]	Mass	9,77E-06	kg ka	(No statement)
Fluoride [Inorganic emissions to fresh water]	Mass	8,47E-04	. 0	(Literature)
Fluoride [Inorganic emissions to industrial soil]	Mass	1,06E-06	kg	(No statement)
Fluoride [Inorganic emissions to sea water]	Mass	1,30E-07	kg	(No statement)
Fluorides [Inorganic emissions to air]	Mass	1,42E-08	kg	(Estimated)
Fluorine [Inorganic emissions to air]	Mass	4,91E-07	kg	(Literature)
Fluorine [Inorganic emissions to fresh water]	Mass	5,96E-07	kg	(Measured)
Fly ash (unspecified) [Waste for recovery]	Mass	1,38E-01	kg	(Calculated)
Formaldehyde (methanal) [Group NMVOC to air]	Mass	2,28E-05	kg	(Literature)
Formaldehyde (methanal) [Hydrocarbons to fresh water]	Mass	7,89E-09	kg	(No statement)
Furnace clinker [Waste for recovery]	Mass	4,93E-06	kg	Calculated
Glutaraldehyde [Hydrocarbons to sea water]	Mass	3,41E-09	kg	(No statement)
Glyphosate [Pesticides to agricultural soil]	Mass	1,10E-09	kg	(No statement)
Glyphosate [Pesticides to industrial soil]	Mass	3,59E-09	kg	(No statement)
Gypsum (FDI) [Waste for recovery]	Mass	2,21E-02	kg	(Calculated)
Gypsum [Waste for recovery] Halogenated hydrocarbons (unspecified) [Halogenated	Mass	1,15E-03	kg	(Estimated)
organic emissions to air]	Mass	-2,44E-12	ka	Literature
Halon (1211) [Halogenated organic emissions to air]	Mass	5,58E-09	0	(No statement)
Halon (1301) [Halogenated organic emissions to air]	Mass	3,13E-08	•	(Literature)
Hazardous waste (unspec.) [Hazardous waste]	Mass	2,05E-01	kg	(Estimated)
Heat from natural gas [Flows]	Energy	8,28E-12	MJ	(No statement)
Heat from oil [Flows]	Energy	7,46E-11	MJ	(No statement)
Heat from waste [Flows]	Energy	8,88E-11		(No statement)
Heavy metals to water (unspecified) [Heavy metals to		-,		()
fresh water]	Mass	8,84E-07	kg	(Measured)
Helium [Inorganic emissions to air]	Mass	1,45E-05	kg	(Literature)
Heptane (isomers) [Group NMVOC to air]	Mass	6,96E-07	kg	(No statement)
Hexachlorobenzene (Perchlorobenzene) [Halogenated				
organic emissions to air]	Mass	1,12E-10	•	(No statement)
Hexaflourosilicates [Air]	Mass	9,82E-09	•	(No statement)
Hexaflourosilicates [Sweet-]	Mass	1,77E-08	•	(No statement)
Hexane (isomers) [Group NMVOC to air]	Mass	4,97E-06	•	(Literature)
Hexane (isomers) [Hydrocarbons to fresh water]	Mass	2,00E-08	•	Calculated
Highly radioactive waste [Radioactive waste]	Mass	3,21E-05	0	(Calculated)
Highly-active fission product solution [Radioactive waste]	Mass	2,23E-07	-	(Estimated)
Housing (E-Paper) [Flows]	Mass	3,93E-06	•	(No statement)
Hydrocarbons (unspecified) [Hydrocarbons to fresh	Mass	1,19E-05	kg	(Literature)

Flow - Outputs water]	Quantity	Amount	Unit	Origin of data
Hydrocarbons (unspecified) [Hydrocarbons to sea water]	Mass	5,18E-07	kg	(No statement)
Hydrocarbons, aromatic [Group NMVOC to air] Hydrocarbons, chloro-/fluoro- [Halogenated organic	Mass	2,04E-07	•	(No statement)
emissions to air] Hydrocarbons, halogenated [Halogenated organic	Mass	4,36E-09	kg	(No statement)
emissions to air]	Mass	1,43E-09	kg	(No statement)
Hydrogen (H3) [Radioactive emissions to air]	Activity	8,68E+02	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to fresh water]	Activity	1,80E+05	Bq	(Literature)
Hydrogen (H3) [Radioactive emissions to sea water]	Activity	2,36E+04	Bq	(No statement)
Hydrogen [Inorganic emissions to air]	Mass	8,03E-06	kg	(Measured)
Hydrogen arsenic (arsine) [Heavy metals to air]	Mass	9,80E-10	kg	Measured
Hydrogen chloride [Inorganic emissions to air]	Mass	6,49E-04	kg	(Literature)
Hydrogen chloride [Inorganic emissions to fresh water] Hydrogen cyanide (prussic acid) [Inorganic emissions to	Mass	1,54E-11	kg	Estimated
air] Hydrogen fluoride (hydrofluoric acid) [Inorganic	Mass	7,29E-09	U	(Calculated)
emissions to fresh water]	Mass	5,13E-09	•	(Measured)
Hydrogen fluoride [Inorganic emissions to air]	Mass	1,86E-04	•	(Literature)
Hydrogen peroxide [Sweet-]	Mass	2,98E-10	•	(No statement)
Hydrogen phosphorous [Inorganic emissions to air]	Mass	8,41E-10	kg	Measured
Hydrogen sulphide [Fresh water]	Mass	1,96E-06	•	(No statement)
Hydrogen sulphide [Inorganic emissions to air]	Mass	3,51E-04	•	(Estimated)
Hydrogen sulphide [Inorganic emissions to fresh water]	Mass	9,19E-09	•	(No statement)
Hydroxide [Inorganic emissions to fresh water]	Mass	7,27E-05	•	Estimated
Hypochlorite [Inorganic emissions to fresh water]	Mass	3,68E-07	•	(No statement)
Hypochlorite [Inorganic emissions to sea water]	Mass	4,13E-07	•	(No statement)
Iliad Module (E-Paper) [Flows]	Mass	7,71E-12	•	(No statement)
Incineration good [Waste for disposal]	Mass	2,12E-03	-	Literature
Industrial waste for municipal disposal [Consumer waste]	Mass	2,84E-01	kg	(Literature)
inert chemical waste [Consumer waste]	Mass	2,96E-03	-	(Literature)
Inert gases [Radioactive emissions to air] Inorganic salts and acids (unspecified) [Inorganic	Activity	5,86E+05	•	(No statement)
emissions to fresh water]	Mass	-2,59E-07	•	Literature
lodide [Fresh water]	Mass	5,15E-13	-	(No statement)
lodide [Inorganic emissions to fresh water]	Mass	2,37E-07	•	(No statement)
lodide [Inorganic emissions to sea water]	Mass	1,07E-07	-	(No statement)
Iodine (I129) [Radioactive emissions to air]	Activity	3,17E-01	Bq	Calculated
lodine (I129) [Radioactive emissions to fresh water]	Activity	1,75E+01	Bq	(Calculated)
lodine (I131) [Radioactive emissions to air]	Activity	9,51E-02		(Literature)
lodine (I131) [Radioactive emissions to fresh water]	Activity	5,00E-03		(Literature)
lodine (I133) [Radioactive emissions to air]	Activity	2,41E-06	•	(No statement)
lodine (I133) [Radioactive emissions to fresh water]	Activity	3,29E-06	•	(No statement)
lodine [Inorganic emissions to air]	Mass	1,13E-07	•	(No statement)
Iron (Fe59) [Radioactive emissions to fresh water]	Activity	9,05E-07		(No statement)
Iron [Fresh water]	Mass	2,52E-04	•	(No statement)
Iron [Heavy metals to agricultural soil]	Mass	3,92E-05	-	(No statement)
Iron [Heavy metals to air]	Mass	4,13E-06	-	(Literature)
Iron [Heavy metals to fresh water]	Mass	3,12E-03	•	(Literature)
Iron [Heavy metals to industrial soil]	Mass	1,07E-05	•	(No statement)
Iron [Heavy metals to sea water]	Mass	5,79E-08	•	(No statement)
Isocyanide acid [Air]	Mass	2,59E-07		(No statement)
Jacket and body material [Radioactive waste]	Mass	1,34E-07	•	(Estimated)
Krypton (Kr85) [Radioactive emissions to air]	Activity	4,52E+06	вц	(Literature)

Flow Outputs	O	A	11	
Flow - Outputs		Amount	Unit	Origin of data
Krypton (Kr85m) [Radioactive emissions to air]	Activity	4,41E+00	Bq	(Literature)
Krypton (Kr87) [Radioactive emissions to air]	Activity	1,22E-02 1,30E-02	•	(No statement) (No statement)
Krypton (Kr88) [Radioactive emissions to air]	Activity Activity	4,00E-02		(No statement)
Krypton (Kr89) [Radioactive emissions to air]	Mass	-	Bq	,
Lanthanides [Heavy metals to air] Lanthanum (La140) [Radioactive emissions to fresh	Mass	4,42E-09	kg	(Calculated)
water]	Activity	5,58E-06	Bq	(No statement)
Lanthanum (La141) [Radioactive emissions to air]	Activity	1,72E-07	•	(No statement)
Lead (Pb210) [Radioactive emissions to air]	Activity	7,39E-02	•	(No statement)
Lead (Pb210) [Radioactive emissions to fresh water]	Activity	9,82E-02	•	(No statement)
Lead (Pb210) [Radioactive emissions to sea water]	Activity	5,33E-03	•	(No statement)
Lead [Fresh water]	Mass	1,04E-06	•	(No statement)
Lead [Heavy metals to agricultural soil]	Mass	5,78E-08	-	(No statement)
Lead [Heavy metals to air]	Mass	6,33E-06	•	(Literature)
Lead [Heavy metals to fresh water]	Mass	6,36E-06	kg	(Literature)
Lead [Heavy metals to industrial soil]	Mass	1,13E-05	kg	(Measured)
Lead [Heavy metals to sea water]	Mass	9,69E-09	kg	(No statement)
Linuron [Pesticides to agricultural soil]	Mass	1,77E-09	kg	(No statement)
Liquid hazardous waste [Hazardous waste]	Mass	4,54E-06	kg	(Estimated)
Liquid waste [Consumer waste]	Mass	6,11E-05	kg	(Calculated)
Lubricating oil [Operating materials]	Mass	2,23E-05	kg	Calculated
Magnesium [Fresh water]	Mass	2,10E-04	•	(No statement)
Magnesium [Inorganic emissions to fresh water]	Mass	1,28E-04	kg	(Literature)
Magnesium [Inorganic emissions to sea water]	Mass	5,89E-06	kg	(No statement)
Magnesium chloride [Inorganic emissions to fresh water]	Mass	3,48E-09	kg	(No statement)
Mancozeb [Pesticides to agricultural soil]	Mass	1,31E-09	kg	(No statement)
Manganese (Mn54) [Radioactive emissions to air]	Activity	1,60E-08	-	(No statement)
Manganese (Mn54) [Radioactive emissions to fresh	, and the second s	,	1	(
water]	Activity	4,01E+00	Bq	(Literature)
Manganese [Fresh water]	Mass	4,22E-05	kg	(No statement)
Manganese [Heavy metals to agricultural soil]	Mass	1,35E-05	kg	(No statement)
Manganese [Heavy metals to air]	Mass	1,54E-06	kg	(Calculated)
Manganese [Heavy metals to fresh water]	Mass	1,13E-05	kg	(Literature)
Manganese [Heavy metals to industrial soil]	Mass	1,11E-07	-	(No statement)
Manganese [Heavy metals to sea water]	Mass	4,72E-08	kg	(No statement)
Medium and low radioactive liquid waste [Radioactive		0.055.07		
waste]	Mass	2,85E-07	0	(Calculated)
Medium and low radioactive wastes [Radioactive waste]	Mass	3,82E-05	-	(Literature)
Mercaptan (unspecified) [Group NMVOC to air]	Mass	8,61E-10	•	(Literature)
Mercury [Fresh water]	Mass	7,03E-09	•	(No statement)
Mercury [Heavy metals to agricultural soil]	Mass	3,18E-10	•	(No statement)
Mercury [Heavy metals to air]	Mass	2,98E-07	-	(Literature)
Mercury [Heavy metals to fresh water]	Mass	1,78E-08	•	(Literature)
Mercury [Heavy metals to industrial soil]	Mass	6,41E-08	•	(Measured)
Mercury [Heavy metals to sea water]	Mass	5,01E-11	•	(No statement)
Metal ions (unspecific) [Fresh water] Metal ions (unspecific) [Inorganic emissions to fresh	Mass	1,00E-04	кд	(No statement)
water]	Mass	2,69E-05	ka	Calculated
Metaldehyde [Organic emissions to agricultural soil]	Mass	8,15E-12	-	(No statement)
Metals (unspecified) [Inorganic emissions to fresh water]	Mass	3,22E-11	kg	Literature
Metals (unspecified) [Particles to air]	Mass	-6,90E-08	•	(Literature)
Metals (unspecified) [Particles to fresh water]	Mass	1,82E-06	•	(Literature)
Methacrylate [Group NMVOC to air]	Mass	5,98E-10	kg	Calculated
Methane (biotic) [Air]	Mass	4,78E-05	•	(No statement)
		.,, 02 00		

Flaw, Outrasta	0	A	11	Origin of data
Flow - Outputs Methane [Organic emissions to air (group VOC)]	Quantity Mass	Amount 1,93E-02	Unit kg	Origin of data (Literature)
Methanol [Group NMVOC to air]	Mass	5,47E-02	•	(Literature)
Methanol [Hydrocarbons to fresh water]	Mass	1,18E-05	•	(Measured)
Methanol [Hydrocarbons to sea water]	Mass	7,01E-09	kg	(No statement)
Methyl methacrylate (MMA) [Group NMVOC to air]	Mass	1,65E-08	kg	Calculated
Methyl tert-butylether [Group NMVOC to air]	Mass	1,29E-09	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to fresh water]	Mass	1,99E-11	kg	(No statement)
Methyl tert-butylether [Hydrocarbons to sea water]	Mass	6,96E-09	kg	(No statement)
Metolachlor [Pesticides to agricultural soil]	Mass	1,28E-08	kg	(No statement)
Metribuzin [Pesticides to agricultural soil]	Mass	4,59E-11	kg	(No statement)
Mineral waste [Consumer waste]	Mass	1,50E-05	kg	Estimated
Molybdenum (Mo99) [Radioactive emissions to fresh		.,		
water]	Activity	1,92E-06	Bq	(No statement)
Molybdenum [Fresh water]	Mass	1,19E-07	kg	(No statement)
Molybdenum [Heavy metals to agricultural soil]	Mass	3,34E-09	kg	(No statement)
Molybdenum [Heavy metals to air]	Mass	1,74E-08	kg	(Literature)
Molybdenum [Heavy metals to fresh water]	Mass	2,39E-06	kg	(Literature)
Molybdenum [Heavy metals to sea water]	Mass	2,20E-10	kg	(No statement)
Monoethanolamine [Group NMVOC to air]	Mass	5,24E-09	kg	(No statement)
Municipal waste [Consumer waste]	Mass	1,17E-03	kg	(Calculated)
Napropamide [Pesticides to agricultural soil]	Mass	1,44E-11	kg	(No statement)
Neutral salts [Inorganic emissions to fresh water]	Mass	6,19E-05	kg	(Calculated)
Nickel [Fresh water]	Mass	4,78E-05	kg	(No statement)
Nickel [Heavy metals to agricultural soil]	Mass	4,21E-08	kg	(No statement)
Nickel [Heavy metals to air]	Mass	5,43E-06	kg	(Literature)
Nickel [Heavy metals to fresh water]	Mass	7,40E-07	kg	(Literature)
Nickel [Heavy metals to industrial soil]	Mass	1,21E-07	kg	Calculated
Nickel [Heavy metals to sea water]	Mass	9,17E-10	kg	(No statement)
Niobium (Nb95) [Radioactive emissions to air]	Activity	4,66E-03	Bq	(No statement)
Nitrate [Fresh water]	Mass	3,25E-05	•	(No statement)
Nitrate [Inorganic emissions to air]	Mass	1,72E-09	kg	(No statement)
Nitrate [Inorganic emissions to fresh water]	Mass	3,02E-04	kg	(Literature)
Nitrate [Inorganic emissions to sea water]	Mass	7,58E-06	0	(No statement)
Nitrite [Fresh water]	Mass	5,59E-09	-	(No statement)
Nitrite [Inorganic emissions to fresh water]	Mass	2,99E-06	0	(No statement)
Nitrite [Inorganic emissions to sea water]	Mass	1,54E-07	•	(No statement)
Nitrogen [Inorganic emissions to fresh water]	Mass	1,20E-05	•	(Literature)
Nitrogen [Inorganic emissions to sea water]	Mass	5,12E-09	0	(No statement)
Nitrogen monoxide [Inorganic emissions to air]	Mass	1,59E-09	•	Calculated
Nitrogen organic bounded [Fresh water]	Mass	1,67E-07	кg	(No statement)
Nitrogen organic bounded [Inorganic emissions to fresh water]	Mass	9,09E-07	ka	Literature
Nitrogen organic bounded [Inorganic emissions to sea	Mass	5,05E 07	Ng	Eliciatore
water]	Mass	3,41E-07	kg	(No statement)
Nitrogen oxides [Inorganic emissions to air]	Mass	2,05E-02	0	(Literature)
Nitrous oxide (laughing gas) [Inorganic emissions to air]	Mass	4,27E-04	•	(Calculated)
NMVOC (unspecified) [Group NMVOC to air]	Mass	4,85E-03	•	(Literature)
non used primary energy from water power [Other	Energy		Ū	、
emissions to fresh water]	ren.	1,31E+00	MJ	(Calculated)
non used primary energy from wind power [Other	Energy			
emissions to air]	ren.	1,16E-01		(Calculated)
Oil (unspecified) [Hydrocarbons to fresh water]	Mass	2,11E-04	•	(Literature)
Oil (unspecified) [Hydrocarbons to sea water]	Mass	3,50E-05	•	(No statement)
Oil (unspecified) [Organic emissions to agricultural soil]	Mass	2,29E-04	ку	(No statement)

	•	•		
Flow - Outputs	Quantity	Amount	Unit	Origin of data
Oil (unspecified) [Organic emissions to industrial soil]	Mass	1,13E-06	•	Measured
Orbencarb [Pesticides to agricultural soil] Organic chlorine compounds (unspecified) [Organic	Mass	2,48E-10	кд	(No statement)
emissions to fresh water]	Mass	8,61E-10	kg	(Literature)
Organic chlorine compounds [Organic emissions to air	Mass	0,012 10	Ng	(Encludie)
(group VOC)]	Mass	7,69E-10	kg	(Literature)
Organic compounds (unspecified) [Organic emissions to			-	
fresh water]	Mass	2,64E-10	•	(Estimated)
Overburden [Stockpile goods]	Mass	1,94E+01	kg	(Literature)
Oxygen [Inorganic emissions to air]	Mass	8,58E-05	•	Literature
Ozone [Inorganic emissions to air]	Mass	3,51E-05	kg	(No statement)
Pentachlorobenzene [Halogenated organic emissions to	Mass	1 725 10	ka	(No statement)
air] Pentachlorophenol (PCP) [Halogenated organic	Mass	1,72E-10	kg	(No statement)
emissions to air]	Mass	9,80E-09	kg	(No statement)
Pentane (n-pentane) [Group NMVOC to air]	Mass	3,53E-05	-	(Literature)
Phenol (hydroxy benzene) [Group NMVOC to air]	Mass	1,16E-08	0	(No statement)
Phenol (hydroxy benzene) [Hydrocarbons to fresh water]	Mass	2,60E-06	0	(Literature)
Phenol (hydroxy benzene) [Hydrocarbons to sea water]	Mass	1,37E-07	0	(No statement)
Phosphate [Fresh water]	Mass	1,46E-05	•	(No statement)
Phosphate [Inorganic emissions to fresh water]	Mass	1,74E-05	•	(Literature)
Phosphate [Inorganic emissions to sea water]	Mass	8,99E-08	kg	(No statement)
Phosphorus [Inorganic emissions to agricultural soil]	Mass	6,61E-06	kg	(No statement)
Phosphorus [Inorganic emissions to air]	Mass	1,58E-06	kg	(No statement)
Phosphorus [Inorganic emissions to fresh water]	Mass	5,87E-08	kg	(No statement)
Phosphorus [Inorganic emissions to industrial soil]	Mass	9,19E-08	kg	(No statement)
Phosphorus [Inorganic emissions to sea water]	Mass	1,14E-08	kg	(No statement)
Pirimicarb [Pesticides to agricultural soil]	Mass	1,11E-11	kg	(No statement)
Platinum [Heavy metals to air]	Mass	1,92E-15	kg	(No statement)
Plutonium (Pu alpha) [Radioactive emissions to air]	Activity	4,13E-03	Bq	(Calculated)
Plutonium (Pu alpha) [Radioactive emissions to fresh	• .• •		_	
water]	Activity	5,03E-01	Bq	(Calculated)
Plutonium (Pu238) [Radioactive emissions to air]	Activity	8,32E-09	•	(No statement)
Plutonium as residual product [Radioactive waste]	Mass	6,57E-08	-	(Calculated)
Polonium (Po210) [Radioactive emissions to air]	Activity	1,14E-01	•	(No statement)
Polonium (Po210) [Radioactive emissions to fresh water]	Activity	9,82E-02	•	(No statement)
Polonium (Po210) [Radioactive emissions to sea water] Polychlorinated biphenyls (PCB unspecified)	Activity	8,13E-03	БΫ	(No statement)
[Halogenated organic emissions to air]	Mass	8,09E-11	ka	(No statement)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)		-,		()
[Halogenated organic emissions to air]	Mass	1,51E-11	kg	(Literature)
Polychlorinated dibenzo-p-dioxins (2,3,7,8 - TCDD)				
[Halogenated organic emissions to fresh water]	Mass	2,50E-14	kg	(Estimated)
Polycyclic aromatic hydrocarbons (PAH) [Group PAH to	Maaa		ka	(Literature)
air] Polycyclic aromatic hydrocarbons (PAH, unspec.)	Mass	2,77E-07	кд	(Literature)
[Hydrocarbons to fresh water]	Mass	2,24E-06	ka	(Literature)
Polycyclic aromatic hydrocarbons (PAH, unspec.)	made	2,212 00	Ng	
[Hydrocarbons to sea water]	Mass	8,54E-09	kg	(No statement)
Polycyclic hydrocarbons [Organic emissions to air (group			-	
VOC)]	Mass	1,24E-12	•	Measured
Populated PWB Iliad Module (E-Paper) [Flows]	Mass	3,80E-06	•	(No statement)
Potassium (K40) [Radioactive emissions to air]	Activity	9,59E-03	•	(No statement)
Potassium (K40) [Radioactive emissions to fresh water]	Activity	1,23E-01	•	(No statement)
Potassium (K40) [Radioactive emissions to sea water]	Activity	6,44E-04	Bq	(No statement)

Flow - OutputsCuantyAmountOnthOrgin or atalPotassium [Inorganic emissions to fresh water]Mass4,95E-05kg(No statement)Potassium [Inorganic emissions to sea water]Mass4,95E-06kg(Literature)Propane [Group NM/VOC to air]Mass4,24E-04kg(Literature)Propene (propylene) [Group NM/VOC to air]Mass1,93E-04kgEstimatedPropene (propylene) [Group NM/VOC to air]Mass1,92E-04kg(Calculated)Propinci acid (propa nacid) [Group NM/VOC to air]Mass1,92E-04kg(No statement)Propine (propylene) (Group NM/VOC to air]Mass1,92E-11kg(No statement)Propylene oxide [Group NM/VOC to air]Mass1,62E-03kg(No statement)Propylene oxide [Ndroup NM/VOC to air]Mass2,66E-09kg(No statement)Propylene oxide [Ndroup NM/VOC to air]Mass7,36E-07kg(No statement)Protactinium (Pa234m) [Radioactive emissions to freshMass7,36E-07kg(No statement)R 11 (trichlorofluoromethane) [Halogenated organicMass7,71E-07kg(Literature)R 114 (dichloroteflauromethane) [Halogenated organicMass1,58E-07kg(No statement)R 144 (dichloroteflauromethane) [Halogenated organicMass1,58E-07kg(No statement)R 145 (dichloroffluoromethane) [Halogenated organicMass1,68E-07kg(No statement)R 145 (dichloroffluoromethane) [Halogenated organic <th>Flow Outputs</th> <th>0</th> <th>A</th> <th>11</th> <th>Oninin of data</th>	Flow Outputs	0	A	11	Oninin of data
Potassium [Inorganic emissions to fresh water]Mass4.95E-06 kgKg(No statement)Propane [Group NMVOC to air]Mass4.24E-04 kgEstimatedPropene (propylene) [Group NMVOC to air]Mass4.09E-06 kg(Calculated)Propene (hydrocarbons to fresh water]Mass4.09E-06 kg(Calculated)Propene (hydrocarbons to fresh water]Mass3.22E-08 kg(No statement)Propone (hydrocarbons to fresh water]Mass3.22E-08 kg(No statement)Propional dehyde [Group NMVOC to air]Mass2.66E-09 kg(No statement)Propylene oxide [Hydrocarbons to fresh water]Mass6.40E-08 kg(No statement)Protactinium (Pa234m) [Radioactive emissions to freshMass7.36E-07 kg(Literature)R 11 (dichlorofturomethane) [Halogenated organicMass7.36E-07 kg(Literature)R 114 (dichlorotertafluoroethane) [Halogenated organicMass1.58E-07 kg(Literature)R 13 (chlorotfluoromethane) [Halogenated organicMass1.58E-07 kg(Literature)R 1416 (dichorot-fluoromethane) [Halogenated organicMass1.58E-07 kg(Literature)R 13 (chlorotfluoromethane) [Halogenated organicMass1.98E-08 kg(No statement)R 1415 (dichlorot-fluoromethane) [Halogenated organicMass1.98E-08 kgEstimatedR 1415 (dichlorotfluoromethane) [Halogenated organicMass1.98E-07 kg(Literature)R 1415 (dichlorotfluoromethane) [Halogenated organicMass1.98E-07 kg(No statement)R 1415 (dichlorotflu	Flow - Outputs	Quantity	Amount	Unit	Origin of data
Potassium [Inorganic emissions to is a water]Mass4.52E-06Kg <th< td=""><td></td><td></td><td>-</td><td>•</td><td>· /</td></th<>			-	•	· /
Propanel (Group NMVOC to air)Mass4.24E-04kg(Literature)Propanel (iso-propanol; isopropanol) [Group NMVOC to air]Mass1.93E-04kgEstimatedPropane [Hydrocarbons to fresh water]Mass3.22E-08kg(No statement)Propinel (Hydrocarbons to fresh water]Mass1.62E-11kg(No statement)Propinel caid (Group NMVOC to air)Mass2.66E-09kg(No statement)Propylene oxide [Hydrocarbons to fresh water]Mass6.40E-08kg(No statement)Protactinium (Pa234m) [Radioactive emissions to freshActivity1.60E-01Bq(No statement)R 11 (tichhorofluroromethane) [Halogenated organicMass7.36E-07kg(Literature)R 11 (tichhorofluroromethane) [Halogenated organicMass7.71E-07kg(Literature)R 114 (dichhorofluroromethane) [Halogenated organicMass1.82E-07kg(Literature)R 134 (tetrafluoroethane) [Halogenated organicMass1.98E-07kg(Literature)R 145 (chlorofluroromethane) [Halogenated organicMass1.98E-07kg(Literature)R 145 (chlorofluroromethane) [Halogenated organicMass1.98E-07kg(Literature)R 145 (chlorofluroromethane) [Halogenated organicMass1.98E-07kg(Literature)R 145 (chlorofluroromethane) [Halogenated organicMass2.08E-07kg(No statement)R 145 (chlorofluroromethane) [Halogenated organicMass2.08E-07kg(No statement)			-	-	· /
Propanol (iso-propanol) (Group NMVOC to air)Mass1,93E-04 (Group NMVOC to air)Mass1,93E-04 (Group NMVOC to air)Estimated (Calculated)Propene (Hydrocarbons to fresh water]Mass3,32E-08 (Mass(Goup NMVOC to air)Mass3,32E-08 (Galculated)(Calculated)Propional cald (propane acid) (Group NMVOC to air)Mass6,07E-08 (Mass(Literature)Propylene oxide (Group NMVOC to air)Mass6,07E-08 (Mo statement)(Literature)Propylene oxide (Hydrocarbons to fresh water]Mass6,07E-08 (Mo statement)(No statement)Protactinium (Pa234m) [Radioactive emissions to air]Mass7,36E-07 (Mo statement)(No statement)R 114 (dichorofluoromethane) [Halogenated organic emissions to air]Mass7,36E-07 (Mass(Literature)R 1416 (chorofluoromethane) [Halogenated organic emissions to air]Mass1,58E-07 (Mass(Literature)R 134 (chorofluoromethane) [Halogenated organic emissions to air]Mass1,58E-07 (Mass(Literature)R 134 (chorofluoromethane) [Halogenated organic emissions to air]Mass1,68E-07 (Mass(Literature)R 141b (dichorof-fluoromethane) [Halogenated organic emissions to air]Mass1,68E-07 (Mass(Literature)R 142 (chorofluoromethane) [Halogenated organic emissions to air]Mass1,68E-07 (Mass(Mo statement)R 142 (chorofluoromethane) [Halogenated organic emissions to air]Mass1,68E-07 (Mass(Mo statement)R 23 (utifuoromethane) [Halogenated organic em			-	•	· /
airjMass1,33E-04 kgCslimatedPropene (propylene) [Group NMVOC to air]Mass4,09E-06 kg(Calculated)Propoinel (dyropare acid) (Group NMVOC to air]Mass3,32E-08 kg(No statement)Propionic acid (propane acid) (Group NMVOC to air]Mass1,52E-11 kg(No statement)Propylene oxide [Group NMVOC to air]Mass2,66E-09 kg(Literature)Propylene oxide [Group NMVOC to air]Mass2,66E-09 kg(No statement)Protactinium (Pa234m) [Radioactive emissions to air]Mass7,36E-07 kg(Literature)R 11 (dichlorofuromethane) [Halogenated organicMass7,71E-07 kg(Literature)R 14 (dichlorotertafluoroethane) [Halogenated organicMass7,71E-07 kg(Literature)R 14 (dichlorotertafluoroethane) [Halogenated organicMass1,58E-07 kg(Literature)R 13 (chlorot-filluoromethane) [Halogenated organicMass9,94E-08 kg(Literature)R 142 (dichlorot-filluoromethane) [Halogenated organicMass3,16E-08 kgEstimatedR 142 (dichlorot-filluoromethane) [Halogenated organicMass3,16E-08 kgEstimatedR 142 (dichlorot-filluoromethane) [Halogenated organicMass2,08E-14 kg(No statement)R 142 (dichlorot-filluoromethane) [Halogenated organicMass2,08E-14 kg(No statement)R 142 (dichlorot-filluoromethane) [Halogenated organicMass2,08E-14 kg(No statement)R 142 (dichloroterifilouromethane) [Halogenated organicMass2,08E-14 kg(No statement)R 21 (Mi		Mass	4,24E-04	кд	(Literature)
Propene (propylene) [Group NMVOC to air]Mass4.09E-06 kg(Calculated)Proponal [Hydrocarbons to fresh water]Mass3.32E-08 kg(No statement)Propional delyde [Group NMVOC to air]Mass6.07E-08 kg(No statement)Propylene oxide [Group NMVOC to air]Mass6.40E-09 kg(No statement)Propylene oxide [Group NMVOC to air]Mass6.40E-09 kg(No statement)Protactinium (Pa224m) [Radioactive emissions to air]Mass7.36E-07 kg(No statement)Protactinium (Pa224m) [Radioactive emissions to freshMass7.36E-07 kg(Literature)R 11 (trichorofluoromethane) [Halogenated organicMass7.36E-07 kg(Literature)R 114 (dichoroffluoromethane) [Halogenated organicMass1.58E-07 kgCalculatedR 13 (chlorotrifluoromethane) [Halogenated organicMass9.94E-08 kg(No statement)R 13 (chlorotrifluoromethane) [Halogenated organicMass1.11E-06 kgEstimatedR 14 120 (chloroffluoromethane) [Halogenated organicMass3.16E-08 kg(No statement)R 14 120 (chloroffluoromethane) [Halogenated organicMass3.16E-08 kg(No statement) </td <td></td> <td>Mass</td> <td>1 02E 04</td> <td>ka</td> <td>Ectimated</td>		Mass	1 02E 04	ka	Ectimated
Propene [Hydrocarbons to fresh water]Mass3,32E-08kg(No statement)Propionicaldehyde [Group NMVOC to air]Mass1,52E-11kg(No statement)Propylene oxide [Group NMVOC to air]Mass6,07E-08kg(Literature)Propylene oxide [Hydrocarbons to fresh water]Mass2,66E-09kg(No statement)Protactinium (Pa234m) [Radioactive emissions to air]Mass2,66E-09kg(No statement)Protactinium (Pa234m) [Radioactive emissions to air]Activity8,62E-03Bq(No statement)R 11 (trichloroflurormethane) [Halogenated organicMass7,36E-07kg(Literature)R 114 (dichlorotetrafluoroethane) [Halogenated organicMass7,71E-07kg(Literature)R 12 (dichlorodflurormethane) [Halogenated organicMass1,58E-07kg(Literature)R 13 (chlorotfluoromethane) [Halogenated organicMass9,94E-08kg(Literature)R 134 (tetrafluoroethane) [Halogenated organicMass1,11E-06kgEstimatedR 142b (chlorot-1-fluoroethane) [Halogenated organicMass3,16E-08kgEstimatedR 142b (chlorofluoromethane) [Halogenated organicMass1,11E-06kgEstimatedR 142b (chlorofluoromethane) [Halogenated organicMass2,00E-07kg(Literature)R 142b (chlorofluoromethane) [Halogenated organicMass2,00E-07kg(No statement)R 21 (Dichlorofluoromethane) [Halogenated organicMass1,0E-01kg(No statement) <td>-</td> <td></td> <td>-</td> <td>•</td> <td></td>	-		-	•	
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Propionic acid (propane acid) [Group NM/VOC to air] Propylene oxide [Group NM/VOC to air]Mass X.66E-08 Kg(Literature) (No statement)Propylene oxide [Group NM/VOC to air]Mass X.66E-09Kg(No statement)Protactinium (Pa234m) [Radioactive emissions to air] Protactinium (Pa234m) [Radioactive emissions to fresh water]Activity8,62E-03Kg(No statement)R 114 (dichlorofuromethane) [Halogenated organic emissions to air]Activity1,60E-01Kg(Literature)R 114 (dichlorotetrafluoroethane) [Halogenated organic emissions to air]Mass7,3EE-07Kg(Literature)R 116 (hexafluoroethane) [Halogenated organic emissions to air]Mass2,81E-07Kg(Literature)R 13 (chlorodfluoromethane) [Halogenated organic emissions to air]Mass1,58E-07Kg(Literature)R 142 (dichloro-1-fluoroethane) [Halogenated organic emissions to air]Mass1,58E-07Kg(Literature)R 142 (dichloro-1-fluoroethane) [Halogenated organic emissions to air]Mass1,11E-06KgEstimatedR 142 (chloroffluoromethane) [Halogenated organic emissions to air]Mass3,16E-08kg(Literature)R 21 (Dichloroffluoromethane) [Halogenated organic emissions to air]Mass3,16E-08kg(Literature)R 22 (chlorodfluoromethane) [Halogenated organic emissions to air]Mass3,16E-08kg(No statement)R 22 (chlorodfluoromethane) [Halogenated organic emissions to air]Mass3,16E-08kg(No statement)R 23					. ,
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emissions to air]Mass7,36E-07kg(Literature)R 114 (dichlorottrafluoroethane) [Halogenated organic emissions to air]Mass7,71E-07kg(Literature)R 116 (hexafluoroethane) [Halogenated organic emissions to air]Mass2,81E-07kgCalculatedR 12 (dichlorodifluoromethane) [Halogenated organic emissions to air]Mass1,58E-07kg(Literature)R 13 (chlorotrifluoromethane) [Halogenated organic emissions to air]Mass9,94E-08kg(Literature)R 134a (tetrafluoroethane) [Halogenated organic emissions to air]Mass5,99E-08kg(No statement)R 142b (chlorodifluoroethane) [Halogenated organic emissions to air]Mass1,11E-06kgEstimatedR 142b (chlorodifluoromethane) [Halogenated organic emissions to air]Mass3,16E-08kgEstimatedR 142b (chlorodifluoromethane) [Halogenated organic emissions to air]Mass6,53E-17kg(No statement)R 22 (chlorodifluoromethane) [Halogenated organic emissions to air]Mass2,00E-07kg(Literature)R 23 (trifluoromethane) [Halogenated organic emissions to air]Mass2,00E-07kg(No statement)Radioactive emissions (general) [Radioactive emissions to air]Activity1,78E-02Bq(No statement)Radioactive isotopes (unspecific) [Radioactive emissions to air]Activity5,93E+01Bq(No statement)Radioactive isotopes (unspecific) [Radioactive emissions to fresh water]Activity5,93E+02Bq<	-	Activity	1,000-01	БЧ	(NO Statement)
R 114 (dichlorotetrafluoroethane) [Halogenated organic emissions to air]Mass7,71E-07kg(Literature)R 116 (hexafluoroethane) [Halogenated organic emissions to air]Mass2,81E-07kgCalculatedR 13 (chlorotrifluoromethane) [Halogenated organic emissions to air]Mass1,58E-07kg(Literature)R 134a (tetrafluoroethane) [Halogenated organic emissions to air]Mass9,94E-08kg(Literature)R 134a (tetrafluoroethane) [Halogenated organic emissions to air]Mass5,99E-08kg(No statement)R 142b (chlorodifluoromethane) [Halogenated organic emissions to air]Mass1,11E-06kgEstimatedR 142b (chlorodifluoromethane) [Halogenated organic emissions to air]Mass3,16E-08kgEstimatedR 21 (Dichlorofluoromethane) [Halogenated organic emissions to air]Mass2,00E-07kg(Literature)R 23 (trifluoromethane) [Halogenated organic emissions to air]Mass2,08E-14kg(No statement)R 23 (trifluoromethane) [Halogenated organic emissions to air]Mass2,08E-14kg(No statement)R 23 (trifluoromethane) [Halogenated organic emissions to air]Mass2,08E-01kg(No statement)R 24 (bichlorodifluoromethane) [Halogenated organic emissions to air]Mass2,08E-01kg(No statement)R 24 (trifluoromethane) [Halogenated organic emissions to air]Mass2,08E-01kg(No statement)R 24 (trifluoromethane) [Halogenated organic emissions to air]Mass		Mass	7 36E-07	ka	(Literature)
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Radon (Rn-daughter nukleade) [Radioactive emissions to Activity 1,33E-13 Bq (No statement)	· · · · · ·	•		•	· ,
	Radioactive emissions to	ACTIVITY	1,33⊑-13	вq	(NO STATEMENT)

Flow - Outputs air]	Quantity	Amount	Unit	Origin of data
Red mud (wet) (3% NaOH) [Hazardous waste for				
disposal]	Mass	2,47E-04	kg	Measured
Residues for incineration [Waste for disposal]	Mass	5,98E-07	kg	Calculated
Rolling tinder [Waste for recovery]	Mass	7,12E-06	kg	Calculated
Rubidium [Inorganic emissions to fresh water]	Mass	3,90E-08	kg	(No statement)
Ruthenium (Ru103) [Radioactive emissions to air] Ruthenium (Ru103) [Radioactive emissions to fresh	Activity	4,18E-10	Bq	(No statement)
water] Ruthenium (Ru106) [Radioactive emissions to fresh	Activity	4,06E-07	•	(No statement)
water]	Activity	1,18E-01	•	Calculated
Scandium [Fresh water]	Mass	4,67E-08	•	(No statement)
Scandium [Inorganic emissions to air]	Mass	2,25E-09	•	(Calculated)
Scandium [Inorganic emissions to fresh water]	Mass	1,14E-08	•	(No statement)
Selenium [Fresh water]	Mass	1,12E-07	kg	(No statement)
Selenium [Heavy metals to air]	Mass	9,73E-07	kg	(Literature)
Selenium [Heavy metals to fresh water]	Mass	4,54E-07	kg	(Literature)
Selenium [Heavy metals to industrial soil]	Mass	5,22E-11	kg	(No statement)
Selenium [Heavy metals to sea water]	Mass	3,29E-10	kg	(No statement)
Sewage sludge (waste water processing) [Hazardous				
waste]	Mass	2,96E-04	kg	Calculated
Silicium tetrafluoride [Inorganic emissions to air]	Mass	1,37E-11	kg	(No statement)
Silver (Ag110m) [Radioactive emissions to air]	Activity	4,14E-09	Bq	(No statement)
Silver (Ag110m) [Radioactive emissions to fresh water]	Activity	8,65E-02	Bq	(Literature)
Silver [Fresh water]	Mass	1,54E-10	kg	(No statement)
Silver [Heavy metals to agricultural soil]	Mass	9,53E-12	kg	(No statement)
Silver [Heavy metals to air]	Mass	4,53E-13	kg	(No statement)
Silver [Heavy metals to fresh water]	Mass	1,28E-08	kg	(Literature)
Silver [Heavy metals to sea water]	Mass	6,41E-10	kg	(No statement)
Slag (Iron plate production) [Waste for recovery]	Mass	5,33E-02	kg	(Measured)
Slag [Hazardous waste]	Mass	2,25E-02	kg	(Literature)
Slag [Waste for recovery]	Mass	2,19E-02	kg	(Literature)
Sludge [Hazardous waste]	Mass	4,64E-02	kg	(Literature)
Sodium (Na24) [Radioactive emissions to fresh water]	Activity	1,46E-05	Bq	(No statement)
Sodium [Fresh water]	Mass	6,20E-05	kg	(No statement)
Sodium [Inorganic emissions to fresh water]	Mass	6,40E-02	kg	(Literature)
Sodium [Inorganic emissions to sea water]	Mass	3,27E-04	kg	(No statement)
Sodium chlorate [high population density] Sodium chloride (rock salt) [Inorganic intermediate	Mass	9,35E-10	Ũ	(No statement)
products]	Mass	7,40E-05	0	Calculated
Sodium dichromate [high population density]	Mass	1,01E-08	0	(No statement)
Sodium formate [high population density]	Mass	9,90E-12	•	(No statement)
Sodium formate [Hydrocarbons to fresh water]	Mass	2,38E-11	•	(No statement)
Sodium hypochlorite [Inorganic emissions to fresh water]	Mass	2,47E-07	kg	(Calculated)
Soil loss by erosion into water [Particles to fresh water]	Mass	7,03E-07	kg	Literature
Solder paste waste [Hazardous waste for recovery]	Mass	1,07E-03	kg	Estimated
Solids (dissolved) [Analytical measures to fresh water]	Mass	8,87E-04	kg	(Literature)
Solids (suspended) [Fresh water]	Mass	2,38E-03	kg	(No statement)
Solids (suspended) [Particles to fresh water]	Mass	5,73E-03	kg	(Literature)
Solids (suspended) [Particles to sea water]	Mass	9,83E-05	kg	(No statement)
Steam [Inorganic emissions to air]	Mass	2,17E+01	kg	(Calculated)
Steel works slag [Waste for recovery]	Mass	1,23E-04	kg	Calculated
Strontium (Sr89) [Radioactive emissions to fresh water]	Activity	3,71E-03	Bq	(No statement)
Strontium (Sr90) [Radioactive emissions to fresh water]	Activity	8,12E+00	Bq	(Literature)

Flow Outpute	O	A	11	Origin of data
Flow - Outputs Strontium (Sr90) [Radioactive emissions to sea water]	Quantity Activity	Amount 1,26E+00	Unit Bq	Origin of data (No statement)
Strontium [Fresh water]	Mass	9,33E-06	•	(No statement)
Strontium [Heavy metals to agricultural soil]	Mass	1,10E-10	-	(No statement)
Strontium [Heavy metals to fresh water]	Mass	2,06E-05	kg	(Literature)
Strontium [Heavy metals to industrial soil]	Mass	1,84E-08	kg	(No statement)
Strontium [Heavy metals to sea water]	Mass	6,42E-06	kg	(No statement)
Strontium [Inorganic emissions to air]	Mass	1,03E-07	kg	(Calculated)
Styrene [Group NMVOC to air]	Mass	1,24E-10	•	(No statement)
Sulphate [Fresh water]	Mass	8,31E-04	•	(No statement)
Sulphate [Inorganic emissions to fresh water]	Mass	1,65E-02	•	(Literature)
Sulphate [Inorganic emissions to sea water]	Mass	1,14E-05	kg	(No statement)
Sulphide [Inorganic emissions to fresh water]	Mass	7,27E-08	•	(Literature)
Sulphide [Inorganic emissions to sea water]	Mass	1,49E-08	kg	(No statement)
Sulphite [Inorganic emissions to fresh water]	Mass	2,77E-06	kg	(Literature)
Sulphur [Inorganic emissions to agricultural soil]	Mass	8,97E-06	kg	(No statement)
Sulphur [Inorganic emissions to fresh water]	Mass	5,86E-07	kg	(No statement)
Sulphur [Inorganic emissions to industrial soil]	Mass	1,10E-06	kg	(No statement)
Sulphur [Inorganic emissions to sea water]	Mass	1,58E-08	kg	(No statement)
Sulphur dioxide [Inorganic emissions to air]	Mass	6,06E-02	kg	(Literature)
Sulphur hexafluoride [Inorganic emissions to air]	Mass	3,69E-07	kg	(Literature)
Sulphuric acid [Inorganic emissions to air]	Mass	6,42E-08	kg	(Calculated)
Tailings [Stockpile goods]	Mass	7,04E+00	kg	(Literature)
Tebutam [Pesticides to agricultural soil]	Mass	3,42E-11	kg	(No statement)
Technetium (Tc99m) [Radioactive emissions to fresh	• · · ·		-	
water]	Activity	4,44E-05	Bq	(No statement)
Teflubenzuron [Pesticides to agricultural soil] Tellurium (Te123m) [Radioactive emissions to fresh	Mass	3,06E-12	kg	(No statement)
water]	Activity	3,04E-03	Bq	(No statement)
Tellurium (Te132) [Radioactive emissions to fresh water]	Activity	1,11E-07		(No statement)
Tetrafluoromethane [Halogenated organic emissions to	, tourney	.,	29	
air]	Mass	2,81E-06	kg	Measured
Thallium [Fresh water]	Mass	1,89E-08	kg	(No statement)
Thallium [Heavy metals to air]	Mass	1,15E-09	kg	(Calculated)
Thallium [Heavy metals to fresh water]	Mass	4,79E-09	kg	(Measured)
Thorium (Th228) [Radioactive emissions to air]	Activity	1,02E-03	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to fresh water]	Activity	4,43E-01	Bq	(No statement)
Thorium (Th228) [Radioactive emissions to sea water]	Activity	2,14E-01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to air]	Activity	1,08E+01	Bq	(No statement)
Thorium (Th230) [Radioactive emissions to fresh water]	Activity	2,18E+01	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to air]	Activity	1,44E-03	Bq	(No statement)
Thorium (Th232) [Radioactive emissions to fresh water]	Activity	2,30E-02	•	(No statement)
Thorium (Th234) [Radioactive emissions to air]	Activity	8,63E-03	•	(No statement)
Thorium (Th234) [Radioactive emissions to fresh water]	Activity	1,60E-01	•	(No statement)
Tin [Fresh water]	Mass	9,25E-06	. •	(No statement)
Tin [Heavy metals to agricultural soil]	Mass	3,56E-09	kg	(No statement)
Tin [Heavy metals to air]	Mass	1,99E-06	kg	(Calculated)
Tin [Heavy metals to fresh water]	Mass	1,42E-08	kg	(Literature)
Titanium [Heavy metals to agricultural soil]	Mass	9,30E-07	kg ka	(No statement)
Titanium [Heavy metals to air]	Mass	5,27E-07	kg	(Calculated)
Titanium [Heavy metals to fresh water]	Mass	4,92E-07	kg kg	(Literature)
Titanium [Heavy metals to sea water]	Mass	1,71E-10	kg kg	(No statement)
Toluene (methyl benzene) [Group NMVOC to air]	Mass	1,48E-05	kg kg	(Literature)
Toluene (methyl benzene) [Hydrocarbons to fresh water]	Mass	2,08E-06	ĸy	(Literature)

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Flow - Outputs	Quantity	Amount	Unit	Origin of data
Toluene (methyl benzene) [Hydrocarbons to sea water]	Mass	1,54E-07	0	(No statement)
Top Cover (E-Paper) [Flows] Total dissolved organic bounded carbon [Analytical	Mass	2,05E-01	kg	(No statement)
measures to fresh water]	Mass	2,70E-04	kg	(Literature)
Total dissolved organic bounded carbon [Analytical	111233	2,702-04	ĸġ	(Literature)
measures to sea water]	Mass	3,79E-05	kg	(No statement)
Total organic bounded carbon [Analytical measures to		,	0	(, , , , , , , , , , , , , , , , , , ,
fresh water]	Mass	3,44E-03	kg	(Literature)
Total organic bounded carbon [Analytical measures to				
sea water]	Mass	3,79E-05	•	(No statement)
Total organic carbon, TOC (Ecoinvent) [Fresh water]	Mass	5,97E-04	•	(No statement)
Treatment residue (mineral) [Stockpile goods]	Mass	1,31E-02	•	(Calculated)
Tributyltinoxide [Pesticides to sea water]	Mass	3,85E-08	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic emissions to air]	Mass	6,69E-10	kg	(No statement)
Trichloromethane (chloroform) [Halogenated organic	111222	0,092-10	ĸġ	(NO Statement)
emissions to fresh water]	Mass	6,53E-17	kg	(No statement)
Triethylene glycol [Hydrocarbons to sea water]	Mass	1,16E-08	kg	(No statement)
Tungsten [Fresh water]	Mass	3,48E-08	0	(No statement)
Tungsten [Heavy metals to fresh water]	Mass	2,38E-08	0	(No statement)
Unused primary energy from solar energy [Other		,	Ũ	· · · · · ·
emissions to air]	Mass	3,28E-10	kg	Estimated
Uranium (total) [Radioactive emissions to air]	Activity	1,57E+00	Bq	(Literature)
Uranium (U234) [Radioactive emissions to air]	Activity	3,81E-01	Bq	(Literature)
Uranium (U234) [Radioactive emissions to fresh water]	Activity	1,92E-01	Bq	(No statement)
Uranium (U235) [Radioactive emissions to air]	Activity	1,84E-02	Bq	(Literature)
Uranium (U235) [Radioactive emissions to fresh water]	Activity	3,16E-01	Bq	(No statement)
Uranium (U238) [Radioactive emissions to air]	Activity	6,49E-01	Bq	(Literature)
Uranium (U238) [Radioactive emissions to fresh water]	Activity	5,30E-01	Bq	(No statement)
Uranium (U238) [Radioactive emissions to sea water]	Activity	2,73E-03	•	(No statement)
Uranium [Radioactive emissions to fresh water]	Activity	4,54E+01	•	(Estimated)
Uranium depleted [Radioactive waste]	Mass	7,58E-05		(Calculated)
Uranium spent as residue [Radioactive waste]	Mass	1,41E-09	. 0	(Calculated)
Used air [Other emissions to air]	Mass	2,29E+00	0	(Measured)
Vanadium [Fresh water]	Mass	8,97E-07	0	(No statement)
Vanadium [Heavy metals to agricultural soil]	Mass	2,66E-08	•	(No statement)
Vanadium [Heavy metals to air]	Mass	4,00E-06	0	(Literature)
Vanadium [Heavy metals to fresh water]	Mass	1,00E-06	0	(Literature)
Vanadium [Heavy metals to sea water]	Mass	6,56E-10	•	(No statement)
Waste (unspecified) [Consumer waste]	Mass	1,14E-02	•	(Calculated)
Waste heat [Fresh water]	Energy	1,87E-03		(No statement)
Waste heat [Other emissions to air] Waste heat [Other emissions to fresh water]	Energy	8,97E+01 1,49E+01		(Literature) (Calculated)
Waste near [Other emissions to nesh water] Waste paper [Waste for recovery]	Energy Mass	4,26E-05		Measured
Waste paper [Waste for recovery] Waste radioactive [Radioactive waste]	Mass	4,20E-05 6,42E-05	0	(Literature)
Waste vater [Other emissions to fresh water]	Mass	3,78E+02	•	(Measured)
Waste water processing residue [Hazardous waste for	111222	5,702+02	ĸġ	(Measured)
recovery]	Mass	2,04E-01	kg	Literature
Water (desalinated; deionized) [Operating materials]	Mass	6,59E-04	•	Calculated
Vinyl chloride (VCM; chloroethene) [Halogenated organic		,	0	
emissions to air]	Mass	1,01E-08	kg	(No statement)
Vinyl chloride (VCM; chloroethene) [Halogenated organic				
emissions to fresh water]	Mass	2,16E-10	kg	(No statement)
VOC (unspecified) [Organic emissions to air (group VOC)]	Mass	5,76E-04	ka	(Literature)
	Muss	0,102-04	чя	

Flow - Outputs	Quantity	Amount	Unit	Origin of data
VOC [Organic emissions to fresh water]	Mass	1,18E-06		(No statement)
VOC [Organic emissions to sea water]	Mass	3,74E-07	-	(No statement)
Volatile fission products (inert gases;iodine;C14)			U	· · · · · ·
[Radioactive waste]	Mass	2,29E-09	kg	(Estimated)
Xenon (Xe131m) [Radioactive emissions to air]	Activity	3,49E+00	Bq	(Literature)
Xenon (Xe133) [Radioactive emissions to air]	Activity	5,59E+02	Bq	(Literature)
Xenon (Xe133m) [Radioactive emissions to air]	Activity	4,57E+00	Bq	(Literature)
Xenon (Xe135) [Radioactive emissions to air]	Activity	1,63E+02	Bq	(Literature)
Xenon (Xe135m) [Radioactive emissions to air]	Activity	3,00E+01	Bq	(Literature)
Xenon (Xe137) [Radioactive emissions to air]	Activity	5,94E-02	Bq	(Literature)
Xenon (Xe138) [Radioactive emissions to air]	Activity	6,79E+00	Bq	(Literature)
Xylene (dimethyl benzene) [Group NMVOC to air]	Mass	1,13E-04	kg	(Calculated)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to				
fresh water]	Mass	1,36E-05	kg	(Literature)
Xylene (isomers; dimethyl benzene) [Hydrocarbons to	Masa	4 075 07	1	(NIA statement)
sea water]	Mass	1,27E-07	кg	(No statement)
Xylene (meta-Xylene; 1,3-Dimethylbenzene) [Group NMVOC to air]	Mass	6,12E-07	ka	(No statement)
Zinc (Zn65) [Radioactive emissions to air]	Activity	8,00E-08	ĸg Bq	(No statement)
Zinc (Zn65) [Radioactive emissions to all]	Activity	0,00E-08 1,97E-04		(No statement)
Zinc [Fresh water]	Mass	4,87E-04		(No statement)
Zinc [Heavy metals to agricultural soil]	Mass	4,87E-06	0	(No statement)
Zinc [Heavy metals to agricultural soli]	Mass	1,33E-05	kg	(Literature)
Zinc [Heavy metals to fresh water]	Mass	4,72E-06	kg	(Literature)
Zinc [Heavy metals to industrial soil]	Mass	4,72L-00 1,55E-05	•	(Measured)
Zinc [Heavy metals to sea water]	Mass	1,40E-06	kg	(No statement)
Zinc sulphate [Inorganic emissions to air]	Mass	2,07E-08	kg	Measured
Zirconium (Zr) [Air]	Mass	1,84E-11	kg	(No statement)
Zirconium (Zr95) [Radioactive emissions to air]	Activity	7,82E-08	-	(No statement)
Zirconium (Zr95) [Radioactive emissions to fresh water]	Activity	2,29E-06		(No statement)
	ACTIVITY	2,296-00	ЪЧ	(NO Statement)