Dutch delivery WISE-SoE Reporting: Emissions, December 2024

1. Introduction

The Dutch Pollutant Release and Transfer Register contains the yearly releases of more than 300 pollutants to air, soil and water. It covers the whole process of collecting, processing and reporting of the emission data in the Netherlands. The loads on individual point sources (companies or facilities) and the diffuse loads, calculated from national statistics by the so-called task forces are stored into one central database and are freely accessible to the public at https://www.emissieregistratie.nl/

The data available in the current Dutch PRTR contains loads for 1990, 1995, 2000, 2005, 2010, 2015, 2019, 2020, 2021 and 2022. An additional year (2023) will be added in July 2025. See the screenshot below for an impression on the public appearance of the Dutch PRTR.

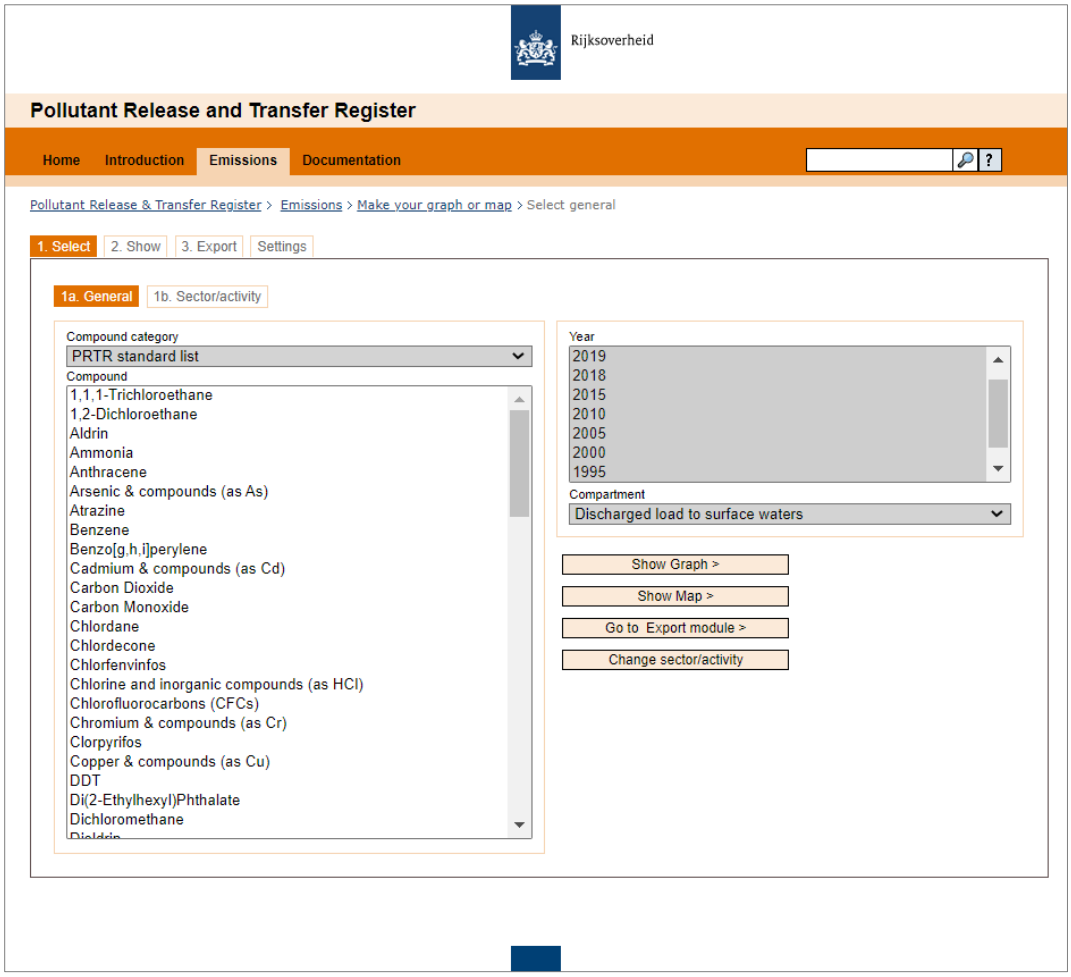

Figure 1: Screenshot of the Dutch PRTR (https://data.emissieregistratie.nl/emissies/grafiek?s=snD1oDkQH)

Pollutants

For this report, the requested hazardous substances and nutrients are used which are present in the Dutch PRTR. We did not flag the substances that are not present in the Dutch PRTR. Appendix A1 shows the reported pollutants for the Netherlands.

Emission calculations

Diffuse sources

For the non-point sources calculations are based on the following general principle: Emission = Activity level x Emission factor (E=A*EF).

For the list on sources used and categories linked for this specific EEA SoE request, please refer to appendix A2.
Specific detailed information can be found at:
https://www.emissieregistratie.nl/documentatie/doorzoek-alle-documenten?ROOT=%5C06%20Water%5C01%20Factsheets%5C. The latest factsheets, for the year 2024 are only in Dutch.

Individual Point sources
The Emission Register distinguishes point sources and diffuse emission sources. Point sources are measured or calculated for a location, e.g. an individual factory or facility such as a refinery or energy plant. Diffuse sources originate in activities where the emission register has no fixed location, e.g. agriculture, road traffic or small companies.

The individual reported emissions per facility form the main source of information for industry. The implied emission factor is used to calculate the emissions from the facilities that do not report individually. This is carried out for each pollutant based on the facilities that report emissions and their production. Given the production per industrial sector the emission can be scaled up to national level. These loads from e.g. industry and UWWTPs are reported in several reporting obligations to the EC.

E-PRTR/non-E-PRTR
In the Netherlands a few hundred facilities have to report their annual individual emissions. Most of them have an E-PRTR reporting obligation. These emissions are validated by the local authorities, who, in general, are also responsible for the permits. The reporting is done with an online instrument: the Annual Environmental Report (AER). These reports are stored in a central database at the Netherlands Environmental Assessment Agency.

2. Observations

General
Every year, the Dutch PRTR is actualized for all reported years: 1990, 1995, 2000, 2005, 2010, 2015, 2019, 2020 and the two most recent years. Yearly new results might be/are reported for these years. The format for reporting the emissions to WISE SoE:Emissions (WISE-1) is difficult to use for so many changed emission data. Therefore, the request to EEA to delete all Dutch data annually. The actualised data for 2010 and the two most recent years is then reported to WISE-1. In this way the most actual releases to water are available for the Netherlands.

Point sources
The following point source emissions are not included in the Dutch data:
- U1 Urban Wastewater Untreated;
- I4 Industrial Wastewater Untreated;
- O Other Point emissions;

EEA has indicated that they want to report the E-PRTR loads to surface water to WISE-1 by themselves. Therefore, EEA has asked to report only non E-PRTR facilities ór report both. For the Netherlands, both facilities (E-PRTR and non E-PRTR) are reported with the allocation to the River basin district for inland waters (sheet Emissions).

With only E-PRTR data, a good allocation to river basin districts is not possible for the Dutch facilities by EEA. To E-PRTR lat/long-coordinates of the facilities are reported for the business location, not for the discharge point. This discharge information is crucial for facilities discharging to transitional and coastal waters. For example, in figure 2 the facility DOW Benelux (51104) is located on the mainland of the Scheldt river basin (inland water), but the discharge point is in the Westerschelde (transitional water), waterbody NL89_WESTSDE.

Figure 2: Example of an allocation problem for a Dutch point source.

Solution E-PRTR allocation

1. On the recommendation of Caroline Whalley (EEA) a remark is made in E-PRTR table *facilities* end of 2021. This remark gives information about the discharge location of Dutch facilities for the WISE-1 reporting. For the discharges to inland waters, the river basin district is reported, for discharges on transitional and coastal water, the code of the waterbody is reported. With this information EEA is able to allocate the loads of E-PRTR to the right water system in WISE-1 for the Netherlands.
2. The reported Dutch E-PRTR data for 2019 were not included in the E-PRTR dataset by EEA. Therefore, all industrial point sources have been reported as non-E-PRTR for 2019 in the WISE-1 delivery.

Diffuse sources

- Diffuse source emissions without emissions values in The Netherlands (the Dutch Emission Register) are not included in the Dutch data. For the diffuse sources, these are:
  - NP8 Background emissions.

Pollutants

- Pollutants without emissions in the Dutch PRTR are not included in the spreadsheet. Appendix A2 shows a list with pollutants are included in the spreadsheet, appendix A3 contains a list of the pollutants which are not available in the Dutch PRTR. In WISE 2024 a total of 30 pollutants were newly reported adding to a total of 224 pollutants.

Point of attention

- The emissions reported are categorised into different source categories (NP1 to NP8). The *other diffuse emissions* (NP7) category consists of five subcategories (NP71 to NP75). Currently both emissions are reported twice in the dataset (i.e. both in NP72 and NP7).

A1: Pollutants presented in the Dutch Emission Register

WISE_CODE	ER_CODE	ER_Substance
CAS_100-41-4	512	Ethylbenzeen
CAS_100-42-5	525	Styreen
CAS_101205-02-1	779	Cycloxydim
CAS_101-21-3	649	Chloorprofam
CAS_104206-82-8	857	Mesotrione
CAS_10605-21-7	643	Carbendazim
CAS_106-46-7	674	1,4-Dichloorbenzeen
CAS_107-06-2	611	1,2-Dichloorethaan
CAS_1071-83-6	726	Glyfosaat
CAS_107534-96-3	877	Tebuconazool
CAS_108-62-3	898	Metaldehyde
CAS_108-88-3	526	Tolueen
CAS_108-90-7	601	Chloorbenzenen
CAS_110488-70-5	790	Dimethomorf
CAS_111988-49-9	882	Thiacloprid
CAS_111991-09-4	860	Nicosulfuron
CAS_115-29-7	664	Endosulfan
CAS_117-81-7	594	Di(2-Ethylhexyl)Ftalaat
CAS_118-74-1	676	Hexachloorbenzeen
CAS_1194-65-6	736	Dichlobenil
CAS_12002-48-1	675	Trichloorbenzenen
CAS_120-12-7	535	Anthraceen
CAS_120923-37-7	763	Amidosulfuron
CAS_121552-61-2	782	Cyprodinil
CAS_122-34-9	672	Simazine
CAS_122931-48-0	872	Rimsulfuron
CAS_123-33-1	728	Maleinehydrazide
CAS_125116-23-6	178	Metconazool
CAS_126535-15-7	888	Triflusulfuron-methyl
CAS_126833-17-8	795	Fenhexamide
CAS_127-18-4	619	Tetrachlooretheen
CAS_129-00-0	946	Pyreen
CAS_131341-86-1	844	Fludioxonil
CAS_131807-57-3	793	Famoxadone
CAS_131860-33-8	765	Azoxystrobine
CAS_13194-48-4	720	Ethoprofos
CAS_1330-20-7	529	Xylenen (Totaal)
CAS_133-06-2	555	Captan
CAS_133-07-3	845	Folpet
CAS_1333-82-0	106	Chroom-VI-verb. (als Cr)
CAS_13356-08-6	563	Fenbutatinoxide
CAS_133855-98-8	792	Epoxiconazool
CAS_134-62-3	940	DEET (Diethyl-m-Toluamide)
CAS_13684-56-5	785	Desmedifam
CAS_137-26-8	578	Thiram
CAS_138261-41-3	850	Imidacloprid
CAS_141112-29-0	854	Isoxaflutool
CAS_141517-21-7	886	Trifloxystrobine
CAS_142459-58-3	248	Flufenacet
CAS_143390-89-0	855	Kresoxim-methyl
CAS_143-50-0	583	Chloordecone
CAS_148-79-8	881	Thiabendazool
CAS_15299-99-7	231	Napropamide
CAS_15307-86-5	921	Diclofenac
CAS_153719-23-4	181	Thiamethoxam
CAS_15687-27-1	938	Ibuprofen
CAS_160430-64-8	219	Acetamipirid
CAS_16118-49-3	705	Carbeetamide
CAS_1634-04-4	547	Methyl-T-butylether
CAS_16484-77-8	569	Mecoprop-p
CAS_16672-87-0	737	Ethefon
CAS_16887-00-6	403	Chloriden
CAS_1689-84-5	708	Bromoxynil
CAS_16984-48-8	405	Fluorverb., anorg.(als F)

CAS_1698-60-8	655	Chloridazon
CAS_1702-17-6	774	Clopyralid
CAS_175013-18-0	867	Pyraclostrobine
CAS_1763-23-1	967	Perfluoroctaansulfonaat
CAS_1861-40-1	221	Benfluralin
CAS_18785-72-3	410	Sulfaten (als SO4)
CAS_188425-85-6	768	Boscalid
CAS_1897-45-6	648	Chloorthalonil
CAS_1912-24-9	651	Atrazine
CAS_191-24-2	542	Benzo(ghi)Peryleen
CAS_1918-00-9	735	Dicamba
CAS_193-39-5	543	Indeno (1,2,3-c,d)Pyreen
CAS_2032-65-7	571	Methiocarb
CAS_205-99-2	540	Benzo(b)Fluorantheen
CAS_206-44-0	536	Fluorantheen
CAS_207-08-9	541	Benzo(k)Fluorantheen
CAS_208-96-8	943	Acenafthyleen
CAS_21087-64-9	574	Metribuzin
CAS_218-01-9	537	Chryseen
CAS_22204-53-1	933	Naproxen
CAS_23103-98-2	750	Pirimicarb
CAS_23135-22-0	745	Oxamyl
CAS_23564-05-8	757	Thiofanaat-methyl
CAS_2385-85-5	587	Mirex
CAS_23950-58-5	754	Propyzamide
CAS_25057-89-0	654	Bentazon
CAS_25154-52-3	421	Nonylfenol
CAS_25637-99-4	941	Hexabromocyclododecaan
CAS_26225-79-6	719	Ethofumesaat
CAS_28159-98-0	837	Irgarol
CAS_29122-68-7	924	Atenolol
CAS_29232-93-7	575	Pirimifos-Methyl
CAS_298-46-4	920	Carbamazepine
CAS_307-24-4	971	Perfluorhexaanzuur
CAS_309-00-2	581	Aldrin
CAS_330-54-1	661	Diuron
CAS_330-55-2	565	Linuron
CAS_3337-71-1	711	Asulam
CAS_335-67-1	642	Perfluor-octaanzuur (PFOA)
CAS_335-76-2	964	Perfluordecaanzuur
CAS_34123-59-6	647	Isoproturon
CAS_35554-44-0	849	Imazalil
CAS_36355-01-8	699	Hexabroombifenyl
CAS_36643-28-4	551	Tributyltinverbindingen
CAS_36734-19-7	742	Iprodion
CAS_37350-58-6	932	Metoprolol
CAS_375-22-4	970	Perfluorbutaanzuur
CAS_375-73-5	968	Perfluor-1-butaansulfonaat (lineair)
CAS_375-85-9	965	Perfluorheptaanzuur
CAS_375-95-1	966	Perfluornonaanzuur
CAS_3930-20-9	934	Sotalol
CAS_40487-42-1	749	Pendimethalin
CAS_41394-05-2	570	Metamitron
CAS_41483-43-6	709	Bupirimaat
CAS_41859-67-0	922	Bezafibraat
CAS_42576-02-3	733	Bifenox
CAS_50-00-0	519	Formaldehyde
CAS_50-32-8	539	Benzo(a)Pyreen
CAS_525-66-6	960	Propranolol
CAS_52888-80-9	865	Prosulfocarb
CAS_52918-63-5	558	Deltamethrin
CAS_53112-28-0	868	Pyrimethanil
CAS_53-70-3	944	dibenzo(ah)anthraceen
CAS_540-59-0	690	1,2-Dichlooretheen
CAS_55179-31-2	707	Bitertanol
CAS_55219-65-3	732	Triadimenol
CAS_55335-06-3	885	Triclopyr

CAS_55512-33-9	756	Pyridaat
CAS_56-23-5	620	Tetrachloormethaan
CAS_56-55-3	538	Benzo(a)Anthraceen
CAS_57018-04-9	730	Tolclofos-methyl
CAS_57-12-5	404	Cyaniden
CAS_57-74-9	582	Chloordaan
CAS_57837-19-1	858	Metalaxyl-m
CAS_57966-95-7	715	Cymoxanil
CAS_58-08-2	925	Caffeïne
CAS_5915-41-3	577	Terbutylazine
CAS_60207-90-1	753	Propiconazol
CAS_60-51-5	659	Dimethoaat
CAS_608-73-1	616	Hexachloorcyclohexaan
CAS_61-82-5	710	Amitrol
CAS_64743-03-9	518	Fenol en Fenolaten
CAS_66215-27-8	783	Cyromazine
CAS_66246-88-6	747	Penconazool
CAS_67129-08-2	743	Metazachloor
CAS_67564-91-4	722	Fenpropimorf
CAS_67-66-3	622	Trichloormethaan
CAS_67747-09-5	751	Prochloraz
CAS_69377-81-7	741	Fluroxypyr
CAS_7085-19-0	689	Mecoprop
CAS_71-43-2	515	Benzeen
CAS_71-55-6	610	1,1,1-Trichloorethaan
CAS_723-46-6	935	Sulfamethoxazol
CAS_731-27-1	579	Tolylfluanide
CAS_738-70-5	936	Trimethoprim
CAS_74070-46-5	762	Aclonifen
CAS_7429-90-5	101	Aluminiumverb. (als Al)
CAS_7439-89-6	107	IJzerverb. (als Fe)
CAS_7439-92-1	111	Loodverb. (als Pb)
CAS_7439-95-4	129	Magnesiumverb. (als Mg)
CAS_7439-96-5	112	Mangaanverb. (als Mn)
CAS_7439-97-6	110	Kwikverb. (als Hg)
CAS_7439-98-7	113	Molybdeenverb. (als Mo)
CAS_7440-02-0	114	Nikkelverb. (als Ni)
CAS_7440-22-4	119	Zilververb. (als Ag)
CAS_7440-23-5	130	Natriumverb. (als Na)
CAS_7440-24-6	134	Strontiumverb (als Sr)
CAS_7440-28-0	136	Thalliumverb. (als Tl)
CAS_7440-31-5	116	Tinverb. (als Sn)
CAS_7440-32-6	117	Titaanverb. (als Ti)
CAS_7440-36-0	102	Antimoonverb. (als Sb)
CAS_7440-38-2	103	Arseenverb. (als As)
CAS_7440-39-3	122	Bariumverb. (als Ba)
CAS_7440-41-7	121	Berylliumverb. (als Be)
CAS_7440-42-8	414	Boriumverb. (als B)
CAS_7440-43-9	104	Cadmiumverb. (als Cd)
CAS_7440-47-3	105	Chroomverb. (als Cr)
CAS_7440-48-4	108	Kobaltverb. (als Co)
CAS_7440-50-8	109	Koperverb. (als Cu)
CAS_7440-61-1	137	Uraniumverb. (als U)
CAS_7440-62-2	118	Vanadiumverb. (als V)
CAS_7440-66-6	120	Zinkverb. (als Zn)
CAS_7440-70-2	123	Calciumverb. (als Ca)
CAS_75-01-4	623	Vinylchloride
CAS_75-09-2	613	Dichloormethaan
CAS_7723-14-0	302	P - Totaal
CAS_7782-49-2	115	Seleenverb. (als Se)
CAS_79-01-6	621	Trichlooretheen
CAS_79241-46-6	740	Fluazifop-p-butyl
CAS_8001-35-2	590	Toxafeen
CAS_80-05-7	937	Bisfenol A
CAS_81103-11-9	952	Claritromycine
CAS_81777-89-1	773	Clomazone
CAS_83164-33-4	788	Diflufenican

CAS_83-32-9	942	Acenaftheen
CAS_83905-01-5	948	Azithromycine
CAS_84-74-2	532	Dibutylftalaat
CAS_85-01-8	534	Fenanthreen
CAS_85535-84-8	697	Chlooralkanen, C10-C13
CAS_86-73-7	945	fluoreen
CAS_87-68-3	692	Hexachloorbutadieen
CAS_87-86-5	679	Pentachloorfenol
CAS_907204-31-3	250	Fluxapyroxad
CAS_91-20-3	545	Naftaleen
CAS_94125-34-5	232	Prosulfuron
CAS_94-74-6	568	MCPA
CAS_94-75-7	656	2,4-Dichloorfenoxyazijnzuur
CAS_96489-71-3	576	Pyridaben
CAS_98-82-8	531	Isopropylbenzeen
CAS_99105-77-8	876	Sulcotrion
EEA_3133-06-0	549	Totaal organisch koolstof
EEA_31615-01-7	303	N - Totaal
EEA_32-02-0	663	Drins (Aldrin, Dieldrin)
EEA_32-04-2	698	Gebromeerde Difenylethers, PBDE
EEA_33-05-6	507	BTEX
EEA_33-15-8	615	Halogeenverb.org.
EEA_33-38-5	681	PCB's
EEA_33-40-9	614	Dioxinen (PCDD/PCDF, I-TEQ)
EEA_33-59-0	550	Nonylfenol/Ethoxylaten(Np/Npe)
EEA_33-60-3	554	Organotinverbindingen (als Sn)

A2: Description of WISE category

Source of Emission	Wise Category	Wise code
Facilities NACE 06/09.1: extraction of crude petroleum and natural gas, and support services for petroleum and natural gas extraction	non E-PRTR	I3
Facilities NACE 08: other quarrying and mining	E-PRTR/non E-PRTR	I3
Facilities NACE 10.1: processing and preserving of meat and poultry	non E-PRTR	I3
Facilities NACE 10.3: processing and preserving of fruit and vegetables	E-PRTR/non E-PRTR	I3
Facilities NACE 10.4: manufacture of oils and fats	E-PRTR/non E-PRTR	I3
Facilities NACE 10.5: dairy industry	E-PRTR/non E-PRTR	I3
Facilities NACE 10.6: manufacture of grain mill products, excl. starches and starch products	E-PRTR/non E-PRTR	I3
Facilities NACE 10.8 (excluding NACE 10.81 and 10.82): other manufacture of food products	non E-PRTR	I3
Facilities NACE 10.81: manufacture of sugar	non E-PRTR	I3
Facilities NACE 10.9: manufacture of prepared animal feeds	non E-PRTR	I3
Facilities NACE 11.05: manufacture (brewing) of beer	E-PRTR/non E-PRTR	I3
Facilities NACE 11.07: manufacture of soft drinks and other beverages	non E-PRTR	I3
Facilities NACE 17.1: manufacture of pulp, paper and paperboard	E-PRTR/non E-PRTR	I3
Facilities NACE 17.2: manufacture of articles of paper and paperboard	non E-PRTR	I3
Facilities NACE 19.20: manufacture of refined petroleum products	E-PRTR/non E-PRTR	I3
Facilities NACE 19.20: manufacture of refined petroleum products	non E-PRTR	I3
Facilities NACE 20.11: manufacture of industrial gasses	non E-PRTR	I3
Facilities NACE 20.12: manufacture of dyes and pigments	E-PRTR/non E-PRTR	I3
Facilities NACE 20.14: manufacture of organic basic chemicals	E-PRTR/non E-PRTR	I3
Facilities NACE 20.149: manufacture of organic basic chemicals (no petrochemicals)	E-PRTR/non E-PRTR	I3
Facilities NACE 20.15: manufacture of fertilizers and nitrogen compounds	E-PRTR/non E-PRTR	I3
Facilities NACE 20.16: manufacture of plastics in primary forms	E-PRTR/non E-PRTR	I3
Facilities NACE 20.2: manufacture of pesticides	non E-PRTR	I3
Facilities NACE 20.3: manufacture of paints, varnishes and similar coatings, printing ink and mastics	E-PRTR/non E-PRTR	I3
Facilities NACE 20.52: manufacture of glues and adhesives	non E-PRTR	I3
Facilities NACE 20.53: manufacture of essential oils	non E-PRTR	I3
Facilities NACE 20.59: manufacture of other chemical products n.e.c.	E-PRTR/non E-PRTR	I3
Facilities NACE 20.6: manufacture of synthetic and artificial fibres	E-PRTR/non E-PRTR	I3
Facilities NACE 21.1: manufacture of pharmaceutical preparations	E-PRTR/non E-PRTR	I3
Facilities NACE 22.2: manufacture of plastic products	non E-PRTR	I3
Facilities NACE 23.1 (excluding NACE 23.12): manufacture of glass and glassware	E-PRTR/non E-PRTR	I3
Facilities NACE 23.5: manufacture of cement, lime and plaster	non E-PRTR	I3
Facilities NACE 24 (excluding NACE 24.4/24.5): manufacture of metals in primary forms	E-PRTR/non E-PRTR	I3
Facilities NACE 24.42: manufacture of non-ferrous metals, aluminium	E-PRTR/non E-PRTR	I3
Facilities NACE 24.44: manufacture of non-ferrous metals, copper	non E-PRTR	I3
Facilities NACE 24.45: manufacture of other non-ferrous metals	E-PRTR/non E-PRTR	I3
Facilities NACE 24.5: casting of metals	non E-PRTR	I3
Facilities NACE 25.61: treatment and coating of metals	non E-PRTR	I3
Facilities NACE 25: manufacture of fabricated metal products, except machinery and equipment	non E-PRTR	I3
Facilities NACE 26-28: manufacture of machinery and electro technical industry	E-PRTR/non E-PRTR	I3
Facilities NACE 29: motor-industry	non E-PRTR	I3
Facilities NACE 30.1: ship-building	E-PRTR/non E-PRTR	I3
Facilities NACE 35: production and distribution of electricity and gas	E-PRTR/non E-PRTR	I3
Facilities NACE 37: collection and treatment of sewage	E-PRTR/non E-PRTR	I3
Facilities NACE 38.1: waste collection	non E-PRTR	I3
Facilities NACE 38.2: waste treatment	E-PRTR/non E-PRTR	I3
Facilities NACE 38.3: preparation to recycling of metal and non-metal waste and scrap	non E-PRTR	I3
Facilities NACE 39: sanitation and other waste management	E-PRTR/non E-PRTR	I3
Facilities NACE 41-43: Construction	E-PRTR/non E-PRTR	I3
Facilities NACE 45: trade and repair of motor vehicles and motorcycles	non E-PRTR	I3
Facilities NACE 46/47: retail and wholesale trade	E-PRTR/non E-PRTR	I3
Facilities NACE 52: storage and services to transport	non E-PRTR	I3
Facilities NACE 63: information service activities	non E-PRTR	I3
Facilities NACE 68-82: Real estate activities and administrative/business services (non-financial)	E-PRTR/non E-PRTR	I3
#N/A	E-PRTR/non E-PRTR	I3
Corrosion zinc plated steel, greenhouses	Transport emissions	NP1
Discharges from greenhouses	Transport emissions	NP1

Farmyard run off	Transport emissions	NP1
Nutrient run-off from agricultural soils	Transport emissions	NP1
Non-intentional spread of fertilizers into ditches and drains	Transport emissions	NP1
Nutrient leaching from agricultural soils	Transport emissions	NP1
NMI4 emissions from greenhouses	Transport emissions	NP1
NMI4 drainage	Transport emissions	NP1
NMI4 drift	Transport emissions	NP1
Deposition on land	Transport emissions	NP2
Deposition on sea	Transport emissions	NP2
Discharges of domestic waste water	Transport emissions	NP3
Discharges of domestic waste water: septic tanks	Transport emissions	NP3
Corrosion of lead flashing from commercial and industrial buildings	Transport emissions	NP4
Corrosion of lead flashing from houses	Transport emissions	NP4
Corrosion waterpipes office-buildings	Transport emissions	NP4
Discharges from dental practices	Transport emissions	NP4
Combined sewer overflows	Transport emissions	NP5
Rainwater sewers	Transport emissions	NP5
Household discharges seagoing vessels - black water	Transport emissions	NP72
Corrosion anodes canal locks	Transport emissions	NP72
Corrosion of zinc anodes, inland shipping	Transport emissions	NP72
Corrosion zinc plated steel, crash barriers	Transport emissions	NP72
Household discharges seagoing vessels - grey water	Transport emissions	NP72
Wear of overheadlines, rail traffic, trains	Transport emissions	NP72
Discharges of domestic wastewater, inland shipping	Transport emissions	NP72
Losses of propellergrease, inland shipping	Transport emissions	NP72
Wear of pantographs, rail traffic	Transport emissions	NP72
Leaching CCA pressure treated wood at waterline boarders, stock	Transport emissions	NP72
Corrosion anodes hull fishing boats on Dutch continental shelf	Transport emissions	NP72
Spills in saline waters, sea-going vessels	Transport emissions	NP72
Corrosion anodes hull from fishing boats at berth	Transport emissions	NP72
Corrosion anodes hull seagoing vessels anodes, national territory	Transport emissions	NP72
Corrosion anodes hull sea-going vessels at berth	Transport emissions	NP72
Corrosion anodes hull sea-going vessels on Dutch continental shelf	Transport emissions	NP72
Road surface wear, buses, rural driving	Transport emissions	NP72
Road surface wear, buses, touring cars, rural driving	Transport emissions	NP72
Road surface wear, heavy vehicles, rural driving	Transport emissions	NP72
Road surface wear, passenger cars, rural driving	Transport emissions	NP72
Road surface wear, vans, rural driving	Transport emissions	NP72
Leaching creosote pressure treated woods at waterline boarders, stock	Transport emissions	NP72
Leaching from coatings, fishing boats on Dutch continental shelf	Transport emissions	NP72
Leaching from coatings, fishing boats at berth	Transport emissions	NP72
Leaching from coatings, sea-going vessels at berth	Transport emissions	NP72
Leaching from coatings, sea-going vessels on Dutch continental shelf	Transport emissions	NP72
Leaching from coatings, seagoing vessels on national territory	Transport emissions	NP72
Discharges of bilge, inland shipping	Transport emissions	NP72
Leaching from coatings, inland shipping	Transport emissions	NP72
Road surface wear, two-wheelers, highway driving	Transport emissions	NP72
Road surface wear, two-wheelers, rural driving	Transport emissions	NP72
Spills of cargo and fuels, inland shipping	Transport emissions	NP72
Break wear, buses, highway driving	Transport emissions	NP72
Break wear, buses, rural driving	Transport emissions	NP72
Break wear, buses, touring cars, highway driving	Transport emissions	NP72
Break wear, buses, touring cars, rural driving	Transport emissions	NP72
Break wear, heavy vehicles, highway driving	Transport emissions	NP72
Break wear, heavy vehicles, rural driving	Transport emissions	NP72
Break wear, passenger cars, highway driving	Transport emissions	NP72
Break wear, passenger cars, rural driving	Transport emissions	NP72
Break wear, two-wheelers, highway driving	Transport emissions	NP72
Break wear, two-wheelers, rural driving	Transport emissions	NP72
Break wear, vans, highway driving	Transport emissions	NP72
Break wear, vans, rural driving	Other emissions	NP72
Leaching from coatings, pleasure craft	Other emissions	NP72
Exhaust gas, pleasure craft	Other emissions	NP72
Motoroil leakage, heavy vehicles, highway driving	Other emissions	NP72
Motoroil leakage, heavy vehicles, rural driving	Other emissions	NP72
Motoroil leakage, light vehicles, highway driving	Other emissions	NP72
Motoroil leakage, light vehicles, rural driving	Other emissions	NP72

Tyre wear, buses, highway driving	Other emissions	NP72
Tyre wear, buses, rural driving	Transport emissions	NP72
Tyre wear, buses, touring cars, highway driving	Transport emissions	NP72
Tyre wear, buses, touring cars, rural driving	Transport emissions	NP72
Tyre wear, heavy vehicles, highway driving	Transport emissions	NP72
Tyre wear, heavy vehicles, rural driving	Transport emissions	NP72
Tyre wear, passenger cars, highway driving	Transport emissions	NP72
Tyre wear, passenger cars, rural driving	Transport emissions	NP72
Tyre wear, two-wheelers, highway driving	Transport emissions	NP72
Tyre wear, two-wheelers, rural driving	Transport emissions	NP72
Tyre wear, vans, highway driving	Transport emissions	NP72
Tyre wear, vans, rural driving	Transport emissions	NP72
Sports: hunting ammunition	Transport emissions	NP75
Sports: fishing leads saltwater	Transport emissions	NP75
Sports: fishing leads freshwater	Transport emissions	NP75
Discharges of domestic wastewater, pleasure craft	Transport emissions	NP75
Nutrient run-off from natural soils	Transport emissions	NP75
Waterbirds	Transport emissions	NP75
NACE 30.1: ship-building	Transport emissions	NP75
Nutrient leaching from natural soils	Transport emissions	NP75
Effluents wastewater treatment plants	UWWTP	U21-U24