



Norwegian PRTR

Activities, Pollutants and Releases - visualisation



The PRTR-team in Norway

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In addition to PRTR, we also work with regulation of industry, giving permits and performing audits

Norwegian PRTR – Activities

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Search for a facility

Releases to air and water as well as transfers of waste from different sectors, both aggregated and at facility level.

Frontpage

Wastewater treatment plants

Landfills

Households

Industry

Agriculture

Offshore petroleum industry

Products

Transport

Total emissions to air in Norway

Statistics Norway and the Norwegian Environment Agency calculate the total annual national emissions to air of 19 emission components. [+ Read more](#)

Pollutants

Carbon dioxide fossil (CO₂ (F))

Methane (CH₄)

Dioxins (Dioksin)

Nitrogen oxides (NO_x)

Sulphur dioxide (SO₂)

Arsenic (As)

Cadmium (Cd)

Chromium (Cr)

Copper (Cu)

Mercury (Hg)

Lead (Pb)

Nitrous oxide (N₂O)

Particulate matter PM₁₀ (PM₁₀)

Particulate matter PM_{2.5} (PM_{2.5})

PAH-4 (PAH-4)

[...]

Data sources

Sectors	Source
Industry	Web form (Internal)
Landfills	Web form (Internal)
Wastewater treatment plants	Web form (Internal)
Offshore petroleum industry	Environmental HUB (External)
Aqua culture	(External, but not yet presented)
Agriculture	Statistics Norway (External)
Households	Statistics Norway (External)
Transport	Statistics Norway (External)
Products	NEA (Internal)

Norwegian PRTR – Activities and Emissions

- **Facility-specific data on emissions and waste from:**
 - Landbased industry (135 pollutants)
 - Offshore petroleum industry (61 pollutants)
 - Waste water treatment plants (11 pollutants, to water only)
 - Landfills (34 pollutants, to water only)

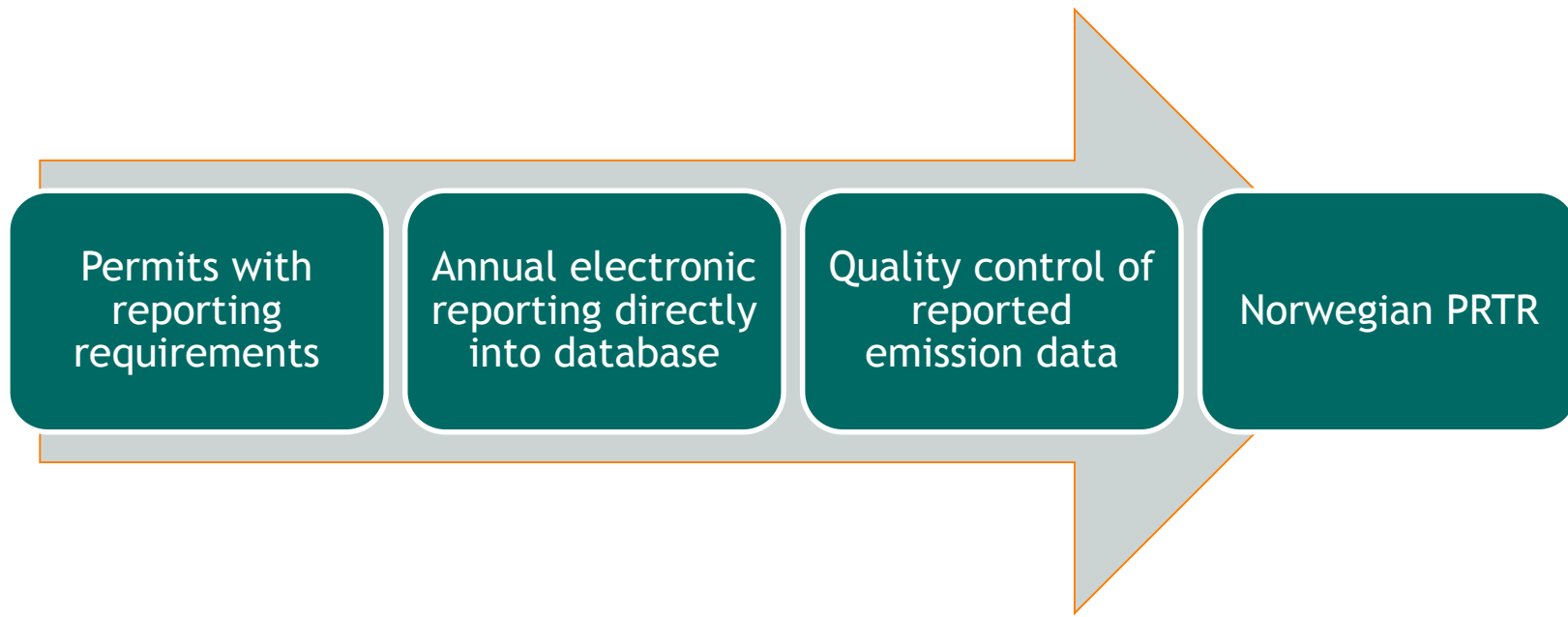
~1000 PRTR-facilities

- **We are in a process of including emission data from aquaculture facilities - we have the data, but we have not prepared for presentation on the web yet**

Norwegian PRTR – Activities and Emissions

- **Data on diffuse emissions from:**
 - Transport (22 pollutants, to air only)
 - Agriculture (8 pollutants)
 - Households (17 pollutants, to air only)
 - Products in use (17 pollutants)

Data Flow – Facility Specific Emissions



Pollutants From Industry – Some Examples

Releases to air and water as well as transfers of waste from different sectors, both aggregated and at facility level.

Overview pollutants

Pollutants

133 pollutants.

Pollutants	Comment
1,1,1-trichloroethane	Chemical symbol: (TKE)
1,2-dichloroethane	Chemical symbol: (EDC)
Absorbable organic halogens	Chemical symbol: (AOX)
Aluminium	Chemical symbol: (AL)
Ammonia	Chemical symbol: (NH3)
Ammonium compounds	Chemical symbol: (NH4-N)
Anthracene	Chemical symbol: (Antracen)
Antibiotics	Chemical symbol: (Antibiotika)
Antimony	Chemical symbol: (SB)
Arsenic	Chemical symbol: (As)
Barium	Chemical symbol: (Ba)
BDE	Chemical symbol: (BDE)
Benzene, toluene, ethylbenzene, xylene	Chemical symbol: (BTEX)
Benzo(b)fluoranten	Chemical symbol: (C20H12)
Benzo(k)fluoranthene	Chemical symbol: (C20H12)
Benzo(a)pyrene	Chemical symbol: (BaP)
Benzo(g,h,i)perylene	Chemical symbol: (BGHIP)
Biological oxygen demand	Chemical symbol: (BOF7)
Biological oxygen demand	Chemical symbol: (BOF5)
Cadmium	Chemical symbol: (Cd)
Calcium	Chemical symbol: (CA)
Carbon dioxide	Chemical symbol: (CO2)
Carbon dioxide biomass	Chemical symbol: (CO2 (B))

Releases – Aggregated Data for Industry

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Releases to air and water as well as transfers of waste from different sectors, both aggregated and at facility level.

Carbon dioxide (CO₂)

Carbon dioxide is a colourless, odourless gas, denser than air that occurs naturally in the earth's atmosphere. Often carbon dioxide is called by its chemical name CO₂. [+ Read more](#)

[Export to Excel](#)

Annual releases

Releases per facility

Time interval

2002 2015

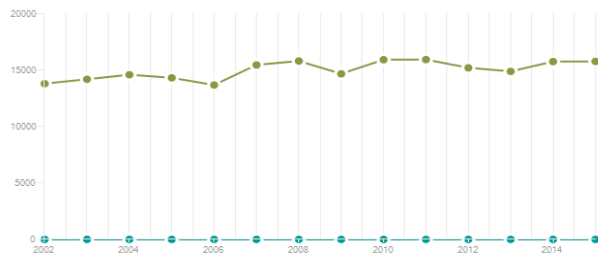
Compare to...

industry within a geographical area or a facility

Releases of Carbon dioxide (CO₂) (in 1000 tonn per year) *

Industry

(1000 tonn)



View

- To air
- To water
- Not reported

Related

[Miljøstatus i Norge: Karbondioksid \(CO₂\)](#)



Releases – Facility Level

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Search for a facility

Releases to air and water as well as transfers of waste from different sectors, both aggregated and at facility level.

- Frontpage
- Wastewater treatment plants
- Landfills
- Households
- Industry**
- Agriculture
- Offshore petroleum industry
- Products
- Transport

Choose county

Choose municipality

Carbon dioxide (CO2)

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[Export to Excel](#)

Annual releases

Releases per facility

Time interval

2002 2015

Year 2015 : Industry: Emissions of Carbon dioxide (CO₂) (measured in 1000 tonn)

Facility	Emissions to air	Discharges to water	Total
Statoil mongstad raffineri	2,130.16 (B)	(I.R.)	2,130.16
Yara norge, vara olomfiord	1,345.70 (B)	(I.R.)	1,345.70
Gassco kårstø	1,156.00 (B)	(I.R.)	1,156.00
Hammerfest lng	1,024.30 (B)	(I.R.)	1,024.30
Norcem brevik	821.34 (B)	(I.R.)	821.34
Yara norge, vara porsgrunn	805.13 (B)	(I.R.)	805.13
Hydro aluminium, sunndal	608.60 (B)	(I.R.)	608.60
Noretyl as	464.00 (B)	(I.R.)	464.00
Elkem salten	436.20 (B)	(I.R.)	436.20
Statoil asa tjeldbergodden metanolfabrikk	335.60 (B)	(I.R.)	335.60
Eso norge, slagentangen	328.29 (B)	(I.R.)	328.29
Hydro aluminium, karmøy	320.85 (B)	(I.R.)	320.85

Related

[Miljøstatus i Norge: Karbondioksid \(CO₂\)](#)

Releases – Facility Level - Trends

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Statoil Mongstad raffineri [Show facility on map](#)

Permit and control reports (Norwegian only): [Permit](#), [Control report 2004](#), [Control report 2005](#), [Control report 2005](#), [Control report 2007](#), [Control report 2009](#), [Control report 2010](#), [Control report 2011](#), [Control report 2012](#), [Control report 2012](#), [Control report 2013](#), [Control report 2016](#)
Authority: Miljødirektoratet

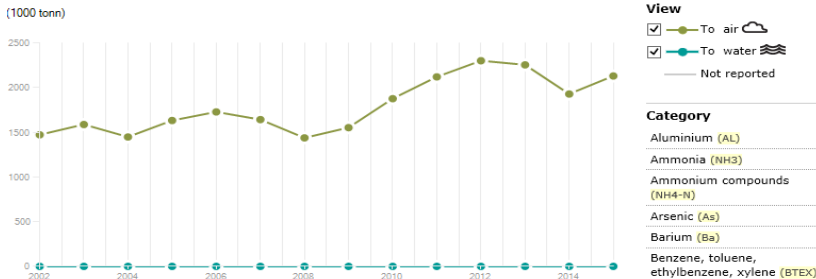
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Releases Transfers of waste Accidental releases Energy use Production volume

Time interval
2002 2015
Compare to...
industry within a [geographical area](#), [subsector](#) or a [facility](#).

Releases of Carbon dioxide (CO2) (in 1000 tonn per year)

Statoil Mongstad raffineri



Further improvements

- Maps with different layers
- Inclusion of aquaculture data
- Better search filters according to the Protocol's activity structure
- Data on total emissions to water
- Better links between emissions and environmental status



Other relevant websites in Norway

- www.environment.no (State of the Environment Norway)
 - Aims to provide you with the latest information about the state and development of the environment.
 - More detailed scientific presentations.
 - Information about legislation and international agreements, environmental targets and relevant links.
- <https://vann-nett.no/portal/#/mainmap>
 - Detailed information on status for specific water bodies

www.norskeutslipp.no/en





www.miljodirektoratet.no