

National emissions reported to the UNFCCC and to the EU Greenhouse Gas Monitoring Mechanism



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National emissions reported to the UNFCCC and to the EU Greenhouse Gas Monitoring Mechanism

Data on greenhouse gas emissions and removals, sent by countries to UNFCCC and the EU Greenhouse Gas Monitoring Mechanism (EU Member States). This data set reflects the GHG inventory data for 2016 as reported under the United Nations Framework Convention for Climate Change.

European data

National greenhouse gas inventories (IPCC Common Reporting Format sector classification)

[+] Show table definition (*records:* 557493)

-  **Microsoft Access format (zip)** (ZIP archive)
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Metadata

Reporting obligations (ROD)

- Greenhouse gas inventories (UNFCCC)
- Greenhouse gas inventories

Last upload:

30 Jun 2016

Tags:

ghg emissions | pfc | co2 | n2o | sf6 | air emissions | csi | hfc | priority data flow | methane

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Units:

Pollutants: CO₂, CH₄, N₂O in Gg (1000 tonnes). Pollutants: HFCs, PFCs, unspecified mix of HFCs and PFCs, SF₆ and NF₃ in Gg CO₂ equivalent. Aggregate: All greenhouse gases in Gg CO₂ equivalent.

Data sources

The European Topic Centre on Air Pollution and Climate Change Mitigation (24 June 2016), national submissions to UNFCCC or to EU Monitoring Mechanism of CO₂ and other greenhouse emissions.

Owners:

Directorate-General for Environment (DG ENV)
United Nations Framework Convention on Climate Change (UNFCCC)

Processors:

European Topic Centre on Air pollution and Climate change mitigation (ETC/ACM)

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Additional information

- Data compiled and held by EEA and its ETC/ACM. They concern annual emissions of CO₂, CH₄, N₂O, HFCs, PFCs, unspecified mix of HFCs and PFCs, SF₆ and NF₃ from individual EU countries. Sectoral data (IPCC classification) is provided for the following main source categories: Energy, Industrial Processes and Product Use, Agriculture, Land-Use Change and Forestry, Waste, Other, CO₂ emissions from Biomass, indirect CO₂ and International bunkers and Multilateral Operations.
- “UK (Convention)” covers the territory of the United Kingdom, including Gibraltar, and excluding Overseas Territories and Crown Dependencies. This scope is consistent with EU domestic targets (e.g. Effort Sharing Decision) and the EU submission under the UNFCCC.
- “UK (KP)” covers the territory of the United Kingdom, including Gibraltar, and the Overseas Territories and Crown Dependencies which have ratified the Kyoto Protocol. This scope is consistent with the UK’s submissions under the UNFCCC and the Kyoto Protocol, and with the EU’s submissions under the Kyoto Protocol (which also includes Iceland).
- “EU28 (Convention)” covers strictly the EU territory and includes in particular the inventory data reported under “UK (Convention)”. This scope is consistent with the EU’s submission under the UNFCCC (EUA).
- “EU (KP)” covers the EU territory as well as Iceland and the United Kingdom’s Overseas Territories and Crown Dependencies which have ratified the Kyoto Protocol. This scope is consistent with the EU’s joint submission (with Iceland) under the Kyoto Protocol (EUC).

Related content

Produced Indicators

How have
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transport evolved?
[<http://www.eea.europa.eu/data-and-maps/indicators/transport-emissions-of->

greenhouse-
gases/transport-
emissions-of-
greenhouse-gases-
6/how-did-
greenhouse-gas-
emissions]

What is the
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Europe towards
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commitments
regarding GHG
emissions?

[<http://www.eea.europa.eu/data-and-maps/indicators/greenhouse-gas-emission-trends-6/assessment/assessmentpart.2016-06-15.9903678398>]

What is the
progress in
Europe towards
international
commitments
regarding GHG
emissions?

[<http://www.eea.europa.eu/data-and-maps/indicators/greenhouse-gas-emission-trends-6/assessment/assessmentpart.2016-06-15.9875765385>]

How have
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emissions from

transport evolved?

[<http://www.eea.europa.eu/data-and-maps/indicators/transport-emissions-of-greenhouse-gases/transport-emissions-of-greenhouse-gases-5/how-did-greenhouse-gas-emissions>]

Is electricity production in Europe becoming less carbon intensive?

[<http://www.eea.europa.eu/data-and-maps/indicators/overview-of-the-electricity-production-1/assessment/assessmentpart.2015-10-02.7588781597>]

Visualisations produced

EEA greenhouse gas - data viewer

[<http://www.eea.europa.eu/data-and-maps/data/data-viewers/greenhouse-gases-viewer>]

Historic and projected greenhouse gas emissions trends

[<http://www.eea.europa.eu/data-and-maps/indicators/historic-and-projected-greenhouse-gas-emissions-trends>]

maps/daviz/historic-
and-projected-
trends-of-3]

Distance from
non-ETS
emissions to ESD
targets
[<http://www.eea.europa.eu/data-and-maps/daviz/ghg-distance-of-non-ETS-3>]

EU Trends in ETS
and non-ETS
emissions
[<http://www.eea.europa.eu/data-and-maps/daviz/national-emissions-non-ets-eu-3>]

Total GHG
emissions in the
EU-28
[<http://www.eea.europa.eu/data-and-maps/daviz/total-ghg-emissions>]

Greenhouse gas
emissions from
transport
[<http://www.eea.europa.eu/data-and-maps/daviz/transport-emissions-of-ghgs-2>]

Change in total
greenhouse gas
emissions from

transport

[<http://www.eea.europa.eu/data-and-maps/daviz/change-in-total-ghg-emissions-2>]

CO₂ emission

intensity

[<http://www.eea.europa.eu/data-and-maps/daviz/co2-emission-intensity-1>]

Change in total

greenhouse gas

emissions from

transport

[<http://www.eea.europa.eu/data-and-maps/daviz/change-in-total-ghg-emissions-3>]

Greenhouse gas

(GHG) emission

trends and

projections under

the scope of EU

Emissions Trading

System (ETS)

[<http://www.eea.europa.eu/data-and-maps/daviz/ghg-emission-trends-and-projections-1>]

Greenhouse gas

(GHG) emission

trends and

projections in

other European
Economic Area
(EEA) member
countries

[<http://www.eea.europa.eu/data-and-maps/daviz/greenhouse-gas-ghg-emission-trends-1>]

ETS, ESD,
LULUCF and
aviation emission
trends and

projections
[<http://www.eea.europa.eu/data-and-maps/daviz/ets-esd-lulucf-and-aviation>]

Aggregated GHG
emissions by
sectors

[<http://www.eea.europa.eu/data-and-maps/daviz/aggregated-ghg-emissions-by-sectors>]