



Industrial Reporting under the Industrial Emissions Directive 2010/75/EU and European Pollutant Release and Transfer Register Regulation (EC) No 166/2006 Ver 11.0 Dec. 2024 (Spatial data)

This metadata refers to the geospatial dataset representing the status of the EEA Industrial Reporting database as of 16 December 2024 (version 11).

The release and emissions data cover the period 2007-2023 as result of the data reported under the E-PRTR facilities, 2017-2023 for IED installations and WI/co-WIs, and 2016-2023 for LCPs.

These data are reported to EEA under Industrial Emissions Directive (IED) 2010/75/EU Commission Implementing Decision 2018/1135 and the European Pollutant Release and Transfer Register (E-PRTR) Regulation (EC) No 166/2006 Commission Implementing Decision 2019/1741. The dataset brings together data formerly reported separately under E-PRTR Regulation Art.7 and under IED Art.72. Additional reporting requirements under the IED are also included.

Simple

Date (Creation)	2023-11-01
Date (Publication)	2024-12-18
Edition	11.00
Citation identifier	eea_v_4326_10_m_ied-eprtr_p_2007-2023_v11_r00
Citation identifier	DAT-238-en
Code	10.2909/dc7bbfa4-4bf4-40d0-ad38-737a26ed9a76
Status	Superseded

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

Maintenance and update frequency	Annually
GEMET - INSPIRE themes, version 1.0	Production and industrial facilities
Keywords	
Keywords	
GEMET	industrial site pollutant EC directive pollutant emission waste incineration plant industrial installation industry pollutant monitoring industrial plant (building) industrial structure industrial legislation air pollution

	• industrial environmental policy • industrial emission • waste incineration • waste incinerator • energy • EC policy
Continents, countries, sea regions of the world.	• Bulgaria • Ireland • Greece • Czechia • Latvia • United Kingdom • Portugal • Denmark • Lithuania • Liechtenstein • Poland • Belgium • France • Iceland • Luxembourg • Austria • Romania • Finland • Italy • Germany • Estonia • Cyprus • Hungary • Slovenia • Switzerland • Spain • Netherlands • Sweden • Serbia • Croatia • Malta
Spatial scope	• European
EEA topics	• Industry • Air pollution • Energy
INSPIRE priority data set	• Actual pollutant releases (European Pollutant Release and Transfer Register) • Regulation (EC) 166/2006 • Emissions (Industrial Emissions Directive) • Industrial sites - EU Registry (Industrial Emissions Directive) • Directive 2010/75/EU • Industrial sites - EU Registry (European Pollutant Release and Transfer Register) • Large combustion plants (Industrial Emissions Directive) • Sites and facilities (European Pollutant Release and Transfer Register) • Installations (Industrial Emissions Directive)
Reporting obligations	• EU Registry on Industrial Sites • E-PRTR and LCP integrated data reporting
EEA Management Plan	• 2024 3.1.2
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	

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Aggregate Dataset identifier	782307b9-386a-44b4-bcbf-192d36be40df
Association Type	revision of
Spatial representation type	Vector
Distance	10 m
Language of dataset	English
Topic category	• Environment

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Begin date	2007-01-01		
End date	2023-12-31		
Additional Information	This dataset is based on information reported on two separate reporting obligations (EU Registry and E-PRTR/LCP). The update frequency is annually as a minimum. A number of reporting countries have to date not submitted some of the most recent data. For additional information please refer to the metadata document. - Norway did not report data under the EU Registry (2017 onwards). Historical data have been included through an internal EEA mapping exercise. - Data for Liechtenstein is incomplete for the period 2018-2023 - Data for Czechia is incomplete for the period 2022-2023 - Data for Cyprus, Germany, Lithuania, Malta, Slovakia, Spain, Iceland and Switzerland is incomplete for the year 2023 - Northern Ireland was reported as part of the United Kingdom (2007-2020). From 2021 Northern Ireland will be a region of the United Kingdom that will be reported as part of the Northern Ireland protocol. The dataset will be updated and a new version will be made available as soon as missing reporting data has been submitted. Production Volume data: reporting of Production Volume is mandatory as per reporting year 2023. Reporting countries experienced several challenges in reporting Production Volume. The EEA is performing additional QA on reported data. For this reason, Production Volume data is not published in this version of the dataset and it will be released, as an aggregate EU27 figure, in a future update before spring 2025.		
Coordinate reference system identifier	EPSG:4326		
Distribution format	• Geopackage ()		
OnLine resource	Protocol EEA:FOLDERPATH WWW:URL WWW:DOWNLOAD-1.0-http--download WWW:LINK-1.0-http--link ESRI:REST	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_4326_10_m_ied-eprtr_p_2007-2023_v11_r00/ https://sdi.eea.europa.eu/data/dc7bbfa4-4bf4-40d0-ad38-737a26ed9a76 https://sdi.eea.europa.eu/catalogue/srv/api/records/ff47e25d-5d4c-491d-b9ce-de17ca61fe6d/attachments/EEA_Industrial_Reporting_Metadata_v13.pdf https://sdi.eea.europa.eu/catalogue/srv/eng/catalog.search#/metadata/ff47e25d-5d4c-491d-b9ce-de17ca61fe6d https://air.discomap.eea.europa.eu/arcgis/rest/services/Air/IED_SiteMap/MapServer	Name Direct download Database structure and use Corresponding tabular data (in SDI) IED Site Map

OGC:WMS	https://air.discomap.eea.europa.eu/arcgis/services/Air/IED_SiteMap/MapServer/WMServer?request=GetCapabilities&service=WMS	
ESRI:REST	https://air.discomap.eea.europa.eu/arcgis/rest/services/Air/IED_Clusters_WM/MapServer	Site Clusters
OGC:WMS	https://air.discomap.eea.europa.eu/arcgis/services/Air/IED_Clusters_WM/MapServer/WMServer?request=GetCapabilities&service=WMS	
WWW:LINK-1.0-http--link	https://industry.eea.europa.eu/explore/explore-data-map/map	European Industrial Emissions Portal
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/ims/industrial-pollutant-releases-to-air	EEA Indicator: Industrial pollutant releases to air in Europe

OnLine resource

No information provided.

OnLine resource	Protocol	Linkage	Name
	DOI	https://doi.org/10.2909/dc7bbfa4-4bf4-40d0-ad38-737a26ed9a76	
Hierarchy level	Dataset		

Conformance result

Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	Management of historical data reported to E-PRTR Regulation (2007-2017) and former LCP database (2016 - 2017) and their inclusion in the industrial database. The European Environment Agency (EEA), in collaboration with the European Topic Centre for Air and Noise (ETC/ATNI), has undertaken a significant initiative to convert historical pollution data into a new, standardised format. This section outlines the key steps involved in this process. Data Sources * European Pollutant Release and Transfer Register (E-PRTR): Data on pollutant releases and transfers for reporting years 2007 to 2017. * Industrial Emissions Directive (IED): Data on fuel inputs and emissions for Large Combustion Plants (LCPs) for reporting years 2016 and 2017. * EU Registry: Administrative data on facilities (available from 2017 onwards). Data Mapping Methodology Establishing a Time-Consistent Foundation (Revised in 2023): The initial methodology utilised data reported for the year 2017 under the EU Registry, E-PRTR, and LCPs as the foundation for mapping between the old and new reporting systems. In 2023, the EEA refined this approach to ensure greater temporal consistency for industrial entities. Presently, a search is conducted across EU Registry data from 2017 to 2021 to identify match using either the NationalId (facility) or PlantID (LCP). This expanded search window guarantees a more comprehensive and time-consistent linkage between facilities and the corresponding data reported under the various systems. Additionally, for LCP data, a direct match between the E-PRTR NationalId reported in the old LCP database and the facility in the EU Registry is performed to establish a clear connection between the LCP and the relevant facility.
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Integration of Historical Data (2024Update): Thematic data on pollutant releases, transfers, and waste transfers reported under the E-PRTR from 2007 to 2017 were incorporated. Data on fuel inputs and emissions from LCPs for reporting years 2016 and 2017 were also included.

Data Enhancements: In 2023, Germany, Ireland, and Slovakia resubmitted updated EU Registry data from 2017. A new set of unique identifiers (Inspire IDs) was provided by Slovakia. A revised mapping file was developed to facilitate the integration of the updated EU Registry data with the previously employed reporting format.

Significance: This comprehensive data mapping exercise ensures that historical pollution data from various sources is now accessible in a consistent and standardised format, facilitating improved analysis and reporting within the European Union.

We would appreciate your feedback regarding the user-friendliness of the database provided. Your feedback regarding for example the queries included for your convenience would be very much appreciated.

Units

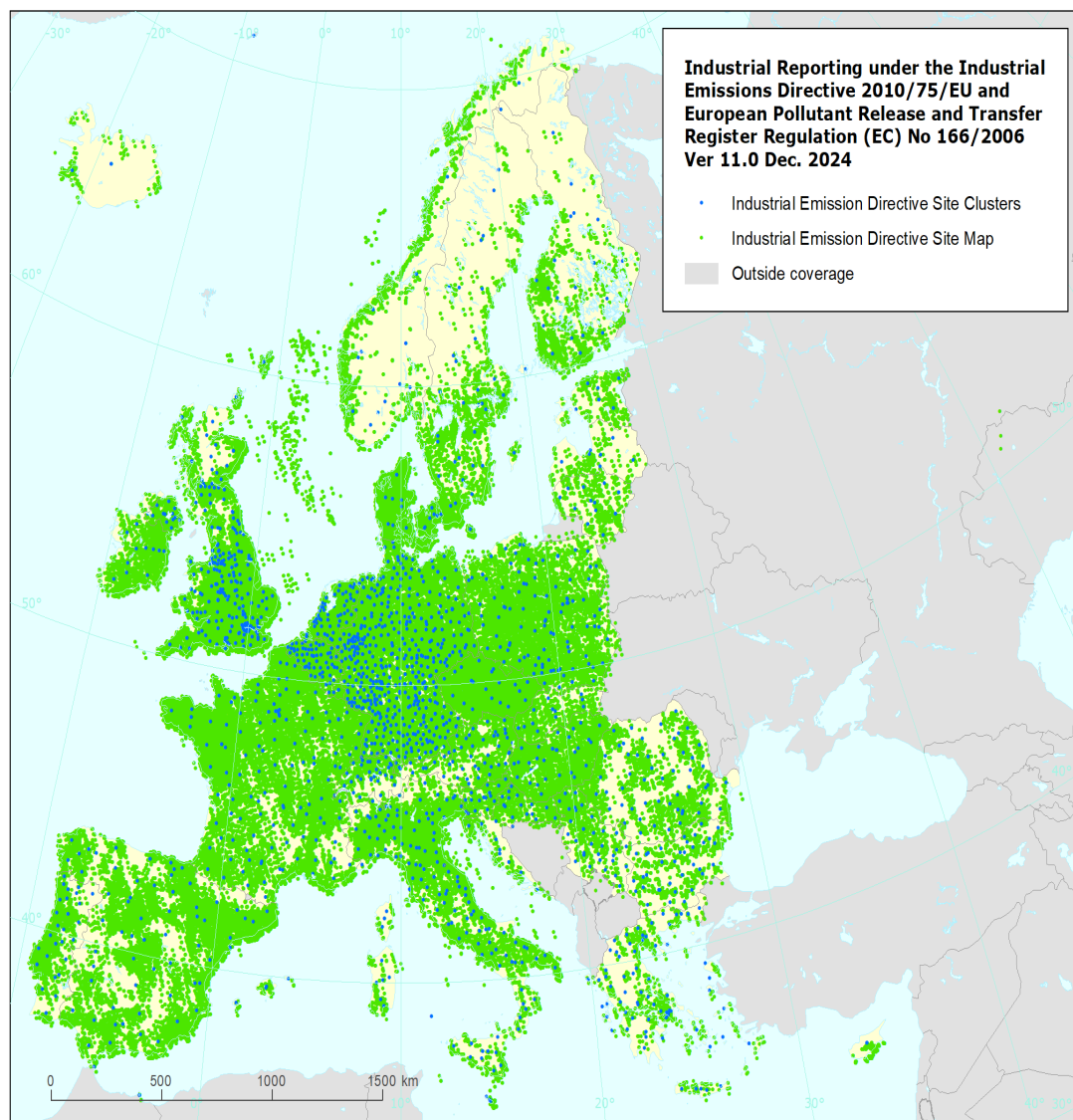
Pollutant releases and transfers (kg/year)

- Waste transfers (t/year)
- Total energy input, related to net calorific value (TJ/year)
- SO₂, NO_x and dust emissions from LCPs (t/year)
- Rated thermal input (MWth)
- Nominal and permitted capacities of Waste Incinerator and Co-Waste Incinerator (t/h)

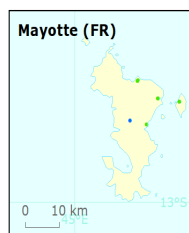
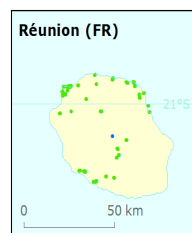
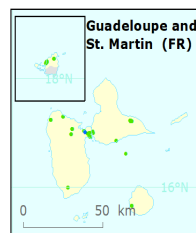
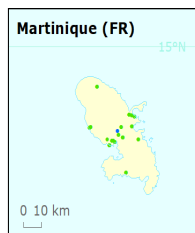
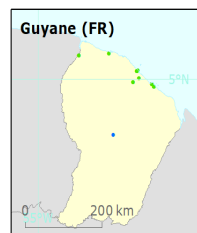
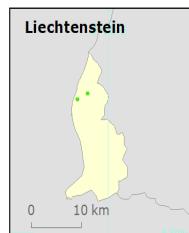
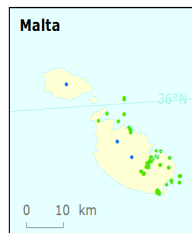
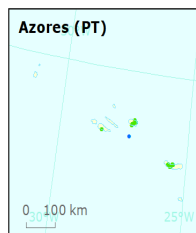
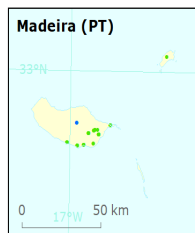
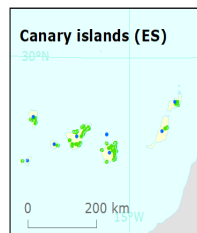
Metadata

File identifier	dc7bbfa4-4bf4-40d0-ad38-737a26ed9a76 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2025-03-18T10:08:43.095237Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail addressWebsite Role
	European Environment Agency		sdi@eea.europa.euPoint of contact

Overviews



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