

## Industrial Reporting under the Industrial Emissions Directive 2010/75/EU and European Pollutant Release and Transfer Register Regulation (EC) No 166/2006 Ver 8.0 Mar. 2023 (Spatial data)

This metadata refers to the geospatial dataset representing the status of the EEA Industrial Reporting database as of 28 February 2023 (version 8). The release and emissions data cover the period 2007-2021 as result of the data reported under the new E-PRTR facilities, 2017-2020 for IED installations and WI/co-Wis, and 2016-2021 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)     | 2023-03-02                                    |
| Date (Publication)  | 2023-03-07                                    |
| Edition             | 08.00                                         |
| Citation identifier | eea_v_4326_10_m_ied-eprtr_p_2007-2021_v08_r00 |
| Citation identifier | DAT-238-en                                    |
| Status              | Superseded                                    |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.

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|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maintenance and update frequency                    | Annually                                                                                                                                                                                                                                                                |
| <a href="#">GEMET - INSPIRE themes, version 1.0</a> | <ul style="list-style-type: none"> <li><a href="#">Production and industrial facilities</a></li> </ul>                                                                                                                                                                  |
| Keywords                                            |                                                                                                                                                                                                                                                                         |
| Keywords                                            |                                                                                                                                                                                                                                                                         |
| GEMET                                               | <ul style="list-style-type: none"> <li>industrial site</li> <li>energy</li> <li>industrial environmental policy</li> <li>EC directive</li> <li>industrial structure</li> <li>industry</li> <li>pollutant</li> <li>air pollution</li> <li>industrial emission</li> </ul> |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                  | <ul style="list-style-type: none"> <li>• waste incineration</li> <li>• pollutant emission</li> <li>• waste incinerator</li> <li>• industrial installation</li> <li>• waste incineration plant</li> <li>• industrial plant (building)</li> <li>• industrial legislation</li> <li>• EC policy</li> <li>• pollutant monitoring</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Continents, countries, sea regions of the world.</a> | <ul style="list-style-type: none"> <li>• <a href="#">Germany</a></li> <li>• <a href="#">Czechia</a></li> <li>• <a href="#">Latvia</a></li> <li>• <a href="#">Belgium</a></li> <li>• <a href="#">Serbia</a></li> <li>• <a href="#">Finland</a></li> <li>• <a href="#">Luxembourg</a></li> <li>• <a href="#">Estonia</a></li> <li>• <a href="#">Greece</a></li> <li>• <a href="#">Netherlands</a></li> <li>• <a href="#">Switzerland</a></li> <li>• <a href="#">Liechtenstein</a></li> <li>• <a href="#">France</a></li> <li>• <a href="#">Poland</a></li> <li>• <a href="#">Iceland</a></li> <li>• <a href="#">Spain</a></li> <li>• <a href="#">Romania</a></li> <li>• <a href="#">Denmark</a></li> <li>• <a href="#">United Kingdom</a></li> <li>• <a href="#">Malta</a></li> <li>• <a href="#">Austria</a></li> <li>• <a href="#">Portugal</a></li> <li>• <a href="#">Lithuania</a></li> <li>• <a href="#">Italy</a></li> <li>• <a href="#">Croatia</a></li> <li>• <a href="#">Ireland</a></li> <li>• <a href="#">Hungary</a></li> <li>• <a href="#">Bulgaria</a></li> <li>• <a href="#">Sweden</a></li> <li>• <a href="#">Cyprus</a></li> <li>• <a href="#">Slovenia</a></li> </ul> |
| <b>Spatial scope</b>                                             | <ul style="list-style-type: none"> <li>• European</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>EEA topics</b>                                                | <ul style="list-style-type: none"> <li>• Energy</li> <li>• Industry</li> <li>• Air pollution</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>INSPIRE priority data set</b>                                 | <ul style="list-style-type: none"> <li>• Regulation (EC) 166/2006</li> <li>• Actual pollutant releases (European Pollutant Release and Transfer Register)</li> <li>• Sites and facilities (European Pollutant Release and Transfer Register)</li> <li>• Directive 2010/75/EU</li> <li>• Industrial sites - EU Registry (European Pollutant Release and Transfer Register)</li> <li>• Emissions (Industrial Emissions Directive)</li> <li>• Industrial sites - EU Registry (Industrial Emissions Directive)</li> <li>• Large combustion plants (Industrial Emissions Directive)</li> <li>• Installations (Industrial Emissions Directive)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reporting obligations</b>                                     | <ul style="list-style-type: none"> <li>• <a href="#">EU Registry on Industrial Sites</a></li> <li>• <a href="#">E-PRTR and LCP integrated data reporting</a></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                              |                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EEA Management Plan          | <ul style="list-style-type: none"> <li>2022 3.1.2</li> </ul>                                                                                                                                                                                                                                                                                                           |
| Access constraints           | Other restrictions                                                                                                                                                                                                                                                                                                                                                     |
| Other constraints            | <a href="#">no limitations to public access</a>                                                                                                                                                                                                                                                                                                                        |
| Use constraints              | Other restrictions                                                                                                                                                                                                                                                                                                                                                     |
| Other constraints            | EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA). |
| Aggregate Dataset identifier | 782307b9-386a-44b4-bcbf-192d36be40df                                                                                                                                                                                                                                                                                                                                   |
| Association Type             | revision of                                                                                                                                                                                                                                                                                                                                                            |
| Spatial representation type  | Vector                                                                                                                                                                                                                                                                                                                                                                 |
| Distance                     | 10 10 m                                                                                                                                                                                                                                                                                                                                                                |
| Language of dataset          | English                                                                                                                                                                                                                                                                                                                                                                |
| Topic category               | <ul style="list-style-type: none"> <li>Environment</li> </ul>                                                                                                                                                                                                                                                                                                          |

|  |   |  |   |  |   |  |   |
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|--|---|--|---|--|---|--|---|



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|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Begin date</b>                             | 2007-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              |
| <b>End date</b>                               | 2021-12-31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              |
| <b>Additional Information</b>                 | <p>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.</p> <p>Norway did not report data under the EU Registry (2017 onwards). Historical data have been included through an internal EEA mapping exercise.</p> <p>- Data for reporting year 2018 and 2019 for Liechtenstein and Slovakia is incomplete. Data for reporting year 2020 for Iceland, Liechtenstein, Lithuania, Malta and Slovakia is incomplete.</p> <p>- Data for reporting year 2021 for Czechia, Liechtenstein, Lithuania, Malta, Serbia, Slovakia and Switzerland is incomplete. The dataset will be updated and a new version will be made available as soon as missing reporting data has been submitted.</p> <p>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.</p> <p>=====</p> <p>This is the first time that EEA is making available data reported via the two new reporting data flows and including historical data as well.</p> <p>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.</p> <p>Please contact us as <a href="mailto:industry.helpdesk@eea.europa.eu">industry.helpdesk@eea.europa.eu</a> to provide your feedback.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              |
| <b>Coordinate reference system identifier</b> | <a href="#">EPSG:4326</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              |
| <b>Distribution format</b>                    | <ul style="list-style-type: none"> <li>• Geopackage ( )</li> <li>• GDB ( )</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              |
| <b>OnLine resource</b>                        | <p><b>Protocol</b></p> <p>EEA:FOLDERPATH</p> <p>WWW:URL</p> <p>WWW:DOWNLOAD-1.0-http--download</p> <p>WWW:LINK-1.0-http--link</p> <p>ESRI:REST</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p><b>Linkage</b></p> <p><a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_4326_10_m_ied-eprtr_p_2007-2021_v08_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_4326_10_m_ied-eprtr_p_2007-2021_v08_r00/</a></p> <p><a href="https://sdi.eea.europa.eu/data/faed8446-f02b-4bcd-9894-dbc4e5ad1b1d">https://sdi.eea.europa.eu/data/faed8446-f02b-4bcd-9894-dbc4e5ad1b1d</a></p> <p><a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/faed8446-f02b-4bcd-9894-dbc4e5ad1b1d/attachments/EEA_Industrial_Reporting_Metadata_v8.pdf?approved=true">https://sdi.eea.europa.eu/catalogue/srv/api/records/faed8446-f02b-4bcd-9894-dbc4e5ad1b1d/attachments/EEA_Industrial_Reporting_Metadata_v8.pdf?approved=true</a></p> <p><a href="https://sdi.eea.europa.eu/catalogue/srv/eng/catalog.search#/metadata/0e2e16ac-06e9-40b8-9aef-b3d228100564">https://sdi.eea.europa.eu/catalogue/srv/eng/catalog.search#/metadata/0e2e16ac-06e9-40b8-9aef-b3d228100564</a></p> <p><a href="https://air.discomap.eea.europa.eu/arcgis/rest/services/Air">https://air.discomap.eea.europa.eu/arcgis/rest/services/Air</a></p> | <p><b>Name</b></p> <p>Direct download</p> <p>Database structure and use, version 8</p> <p>Corresponding tabular data</p> <p>IED Site Map</p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|  | <a href="#">/IED_SiteMap/MapServer</a><br><a href="https://air.discomap.eea.europa.eu/arcgis/services/Air/IED_SiteMap/MapServer/WMServer?request=GetCapabilities&amp;service=WMS">https://air.discomap.eea.europa.eu/arcgis/services/Air/IED_SiteMap/MapServer/WMServer?request=GetCapabilities&amp;service=WMS</a><br><a href="https://air.discomap.eea.europa.eu/arcgis/rest/services/Air/IED_Clusters_WM/MapServer">https://air.discomap.eea.europa.eu/arcgis/rest/services/Air/IED_Clusters_WM/MapServer</a><br><a href="https://air.discomap.eea.europa.eu/arcgis/services/Air/IED_Clusters_WM/MapServer/WMServer?request=GetCapabilities&amp;service=WMS">https://air.discomap.eea.europa.eu/arcgis/services/Air/IED_Clusters_WM/MapServer/WMServer?request=GetCapabilities&amp;service=WMS</a> | Site Clusters |
|  | OGC:WMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |
|  | ESRI:REST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |
|  | OGC:WMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |

|                 |         |
|-----------------|---------|
| Hierarchy level | Dataset |
|-----------------|---------|

## Conformance result

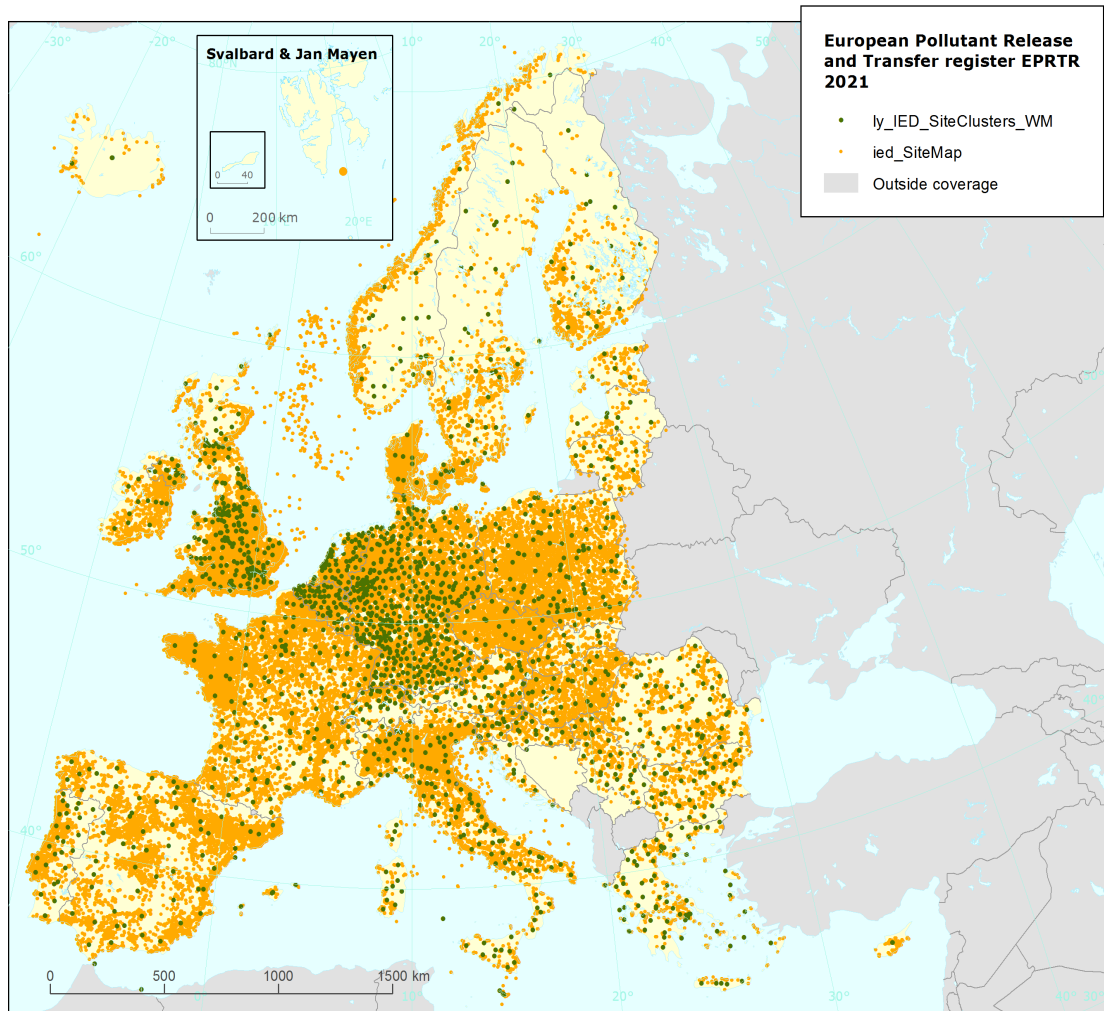
|                    |                                  |
|--------------------|----------------------------------|
| Date (Publication) | 2010-12-08                       |
| Explanation        | See the referenced specification |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Statement | <p>Data completeness</p> <p>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.</p> <ul style="list-style-type: none"> <li>- Norway did not report data under the EU Registry (2017 onwards). Historical data have been included through an internal EEA mapping exercise</li> <li>- Data for reporting year 2018 and 2019 for Liechtenstein and Slovakia is incomplete.</li> <li>- Data for reporting year 2020 for Iceland, Liechtenstein, Lithuania, Malta and Slovakia is incomplete</li> <li>- Data for reporting year 2021 for Czechia, Liechtenstein, Lithuania, Malta, Serbia, Slovakia and Switzerland is incomplete</li> <li>- The dataset will be updated and a new version will be made available as soon as missing reporting data has been submitted.</li> <li>- This dataset is based on information reported on two separate reporting obligations (EU Registry and E-PRTR/LCP).</li> <li>- The update frequency is annually as a minimum.</li> </ul> <p>Inclusion of historic data reported under E-PRTR and IED</p> <p>EEA, supported by its ETC (ETC/ATNI) mapped data historically reported to the E-PRTR and IED to the new data model behind the dataset at hand.</p> <p>This was possible by using as starting point administrative data reported under EU Registry, E-PRTR and Large Combustion Plants for reporting year 2017. Using either the FacilityID or the PlantID a correspondence with the Facility and the InstallationPart as defined in the EU Registry has been made.</p> <p>Thematic data regarding pollutant releases and transfers as well as waste transfers reported to the E-PRTR for reporting years 2007 to 2017 are therefore incorporated into this dataset.</p> <p>Similarly data regarding fuel inputs, emissions and others formerly made available via the Large Combustion Plant inventory are also incorporated for reporting years 2016 and 2017.</p> <p>The dataset resulting from this mapping project are currently shared with Countries pending their final confirmation.</p> <p>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.</p> <p>Units</p> <p>Pollutant releases and transfers (kg/year)</p> <ul style="list-style-type: none"> <li>- Waste transfers (t/year)</li> <li>- Total energy input, related to net calorific value (TJ/year)</li> <li>- SO<sub>2</sub>, NO<sub>x</sub> and dust emissions from LCPs (t/year)</li> <li>- Rated thermal input (MWth)</li> <li>- Nominal and permitted capacities of Waste Incinerator and Co-Waste Incinerator (t/h)</li> </ul> |
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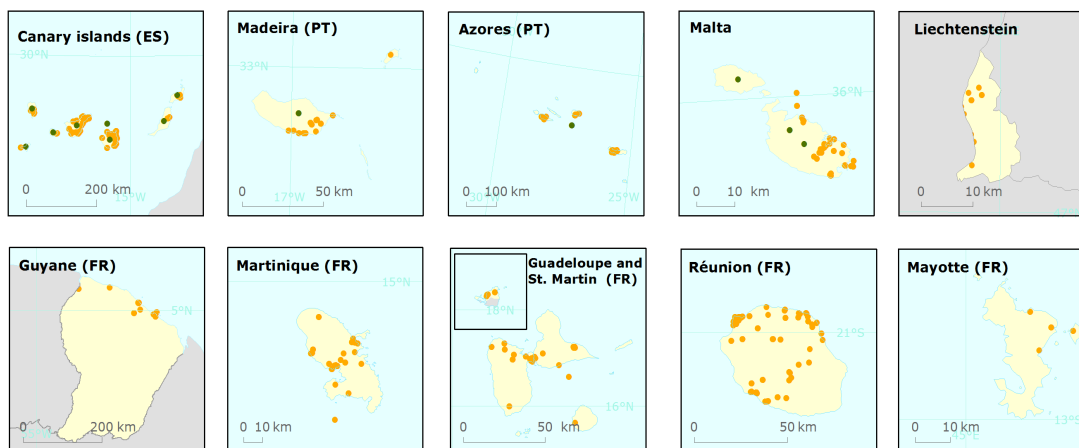
Metadata

|                           |                                                          |                 |                                     |
|---------------------------|----------------------------------------------------------|-----------------|-------------------------------------|
| File identifier           | faed8446-f02b-4bcd-9894-dbc4e5ad1b1d <a href="#">XML</a> |                 |                                     |
| Metadata language         | English                                                  |                 |                                     |
| Character set             | UTF8                                                     |                 |                                     |
| Hierarchy level           | Dataset                                                  |                 |                                     |
| Date stamp                | 2023-08-11T12:13:21.468Z                                 |                 |                                     |
| 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



Reference data: Administrative boundaries: ©EuroGeographics, © FAO (UN), © TurkStat Source: European Commission – Eurostat/GISCO



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