



Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2023 - FINAL INTERNAL VERSION, Oct. 2025 (Spatial data)

UWWTD Treatment Plants, Oct. 2025 is one of the datasets produced within the frame of the reporting under 12th UWWTD Art.15 reporting period (UWWTD data call 2023).

The Urban Waste Water Treatment Directive (UWWTD) (91/271/EEC) obliges Member States to report data on the implementation of the Directive upon request from the European Commission bi-annually. Reported data include receiving areas as designated under UWWTD, agglomerations, urban waste water treatment plants serving the agglomerations and points of discharges.

Dataset UWWTD_TreatmentPlants contains urban waste water treatment plants and collecting systems without UWWTP, including their coordinates, capacity and actual load treated, type of treatment and data on the performance of plants.

The dataset is provided in GeoPackage and ESRI File geodatabase formats.

This metadata refers to the internal version of the dataset, which contains all reported treatment plants, including inactive or not connected ones. Treatment plants with obviously wrong coordinates were excluded only.

The public dataset is reported under UWWTD data call 2023 - PUBLIC VERSION, Oct. 2025* (https://sdi.eea.europa.eu/catalogue/inspire-pds/eng/catalog_search#/metadata/88b3b08d-3b1b-4a65-9406-365b218e09da).

IMPORTANT NOTE: Public access to this data set is restricted due to intellectual property rights. It shall only be used internally by the EEA, its ETCs and subcontractors working on behalf of the EEA.

Simple

Identification info

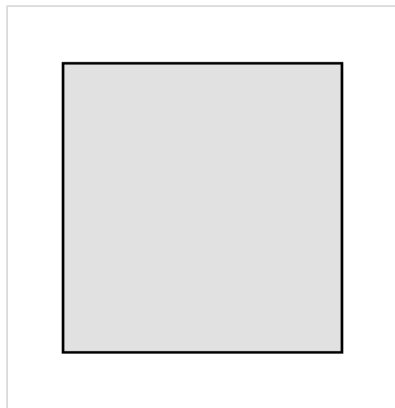
Date (Creation)	2025-10-01
Date (Publication)	2026-03-03
Edition	10.00
Citation identifier	eea_v_4258_100_m_uwwtd-tp-final_i_2022-2023_v10_r00
Spatial representation type	Vector

Spatial resolution

Spatial resolution	100 m
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Topic category	<ul style="list-style-type: none">Environment
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Extent



Temporal extent

Time period	2022-01-01 2023-12-31
Extent	
Maintenance and update frequency	Biannually
GEMET	<ul style="list-style-type: none"> • urban waste water treatment • waste water treatment • Urban Waste Water Treatment Directive • water quality • waste water • urban waste water • waste water treatment plant
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> • Utility and governmental services
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • Norway • EU27 (from 2020) • Switzerland • Iceland
Spatial scope	<ul style="list-style-type: none"> • European
INSPIRE priority data set	<ul style="list-style-type: none"> • Urban waste-water treatment plants (Urban Waste Water Treatment Directive) • Directive 91/271/EEC
EEA topics	<ul style="list-style-type: none"> • Water
Reporting obligations	<ul style="list-style-type: none"> • Urban Waste Water Treatment Directive - National Implementation Programme • Urban Waste Water Treatment Directive - Implementation
EEA Management Plan	<ul style="list-style-type: none"> • 2025 EEA/DATA/2025/028

Resource constraints

Access constraints	Other restrictions
Other constraints	public access limited according to Article 13(1)(e) of the INSPIRE Directive

Resource constraints

Use constraints	Other restrictions
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Other constraints	The dataset contains parts which should not be made available for public access.
Language	English
Additional Information	<p>The directive imposes different reporting obligations (Situation report according to Article 16 and implementation programme according to Article 17). The data presented in the UWWTD Waterbase pertains to Articles 15 and 17 of the Directive, which stipulates that discharges from urban waste water treatment plants and amounts and composition of sludges disposed to surface waters must be monitored to verify the compliance with specific provisions of the Directive.</p> <p>Some technical insight and familiarity with the terms and contexts used for the implementation of the UWWTD is required to make use of the tables.</p> <p>By linking the information in the tables on agglomerations, UWWTPs, discharge points and receiving areas it is possible to obtain a complete picture showing what type of treatment is applied to treat waste water generated in specific agglomeration, what is the character of the area (e.g. water body) receiving discharges from waste water treatment plans or collecting systems without treatment.</p> <p>The content of the table with additional data can be used for further quantitative analyses on emissions from UWWTPs with different types of treatment and various size categories. A QA-document describes a flagging of some of the provided data according to certain criteria. These flags should be considered by the user for specific purposes.</p> <p>All the tables from Waterbase can be downloaded for use by all stakeholders according to below Rights. Lists and explanation of codes can also be shown and downloaded from Additional information - Code Lists. Link to further details on reporting guidelines is given from below Reporting Obligations.</p>

Distribution Information

Distribution format	<ul style="list-style-type: none"> • GDB • Geopackage
OnLine resource	Direct download (Eionet authentication)
OnLine resource	WISE GIS Guidance, version 7.0.6
OnLine resource	UWWTD Article 15 Data Dictionary

Data quality info

Hierarchy level	Dataset
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Report

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

Resource lineage

Statement	<p>Treatment plants data were reported by Member states in tabular format. Spatial position of individual treatment plants was specified by the geographical coordinates fields (longitude, latitude). These tabular data were checked, grouped into a common Pan-European dataset and transformed to the spatial data layer in GIS software. Treatment plants with obviously wrong coordinates were removed.</p> <p>If the treatment plant coordinates were not reported, given treatment plant was not excluded (= missing information, coordinates are unknown); on the transformation from reported tabular format to the spatial point layer in ArcGIS, records with missing coordinates were not transferred to the points visible in the data layer, of course, but they are available in the attribute table and their coordinates uwwLatitude and uwwLongitude in the attribute table are NULL.</p>
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Tabular information is accessible here: <https://sdi.eea.europa.eu/catalogue/inspire-pds/eng/catalog.search#/metadata/52b2e779-a146-414f-bf00-d63dfbf9c4f1>

Data definition and documentation is accessible under 'Links'.

Hierarchy level

Dataset

Reference System Information

Reference System Information

Code

[EPSG:4258](#)

Metadata

Metadata identifier

a0dd8112-9657-40c1-abfc-7963ccb4a43d

Language

English

Character encoding

UTF8

Contact

Organisation

Individual

**Electronic
mail
address**

Website Role

European Environment Agency

sdi@eea.
europa.eu

Point
of
contact

Type of resource

Resource type

Dataset

Metadata linkage

<https://sdi.eea.europa.eu/catalogue/srv/api/records/a0dd8112-9657-40c1-abfc-7963ccb4a43d>

Date info (Creation)

2026-01-12T14:23:04.919521Z

Date info (Revision)

2026-03-03T14:47:27.284295Z

Metadata standard

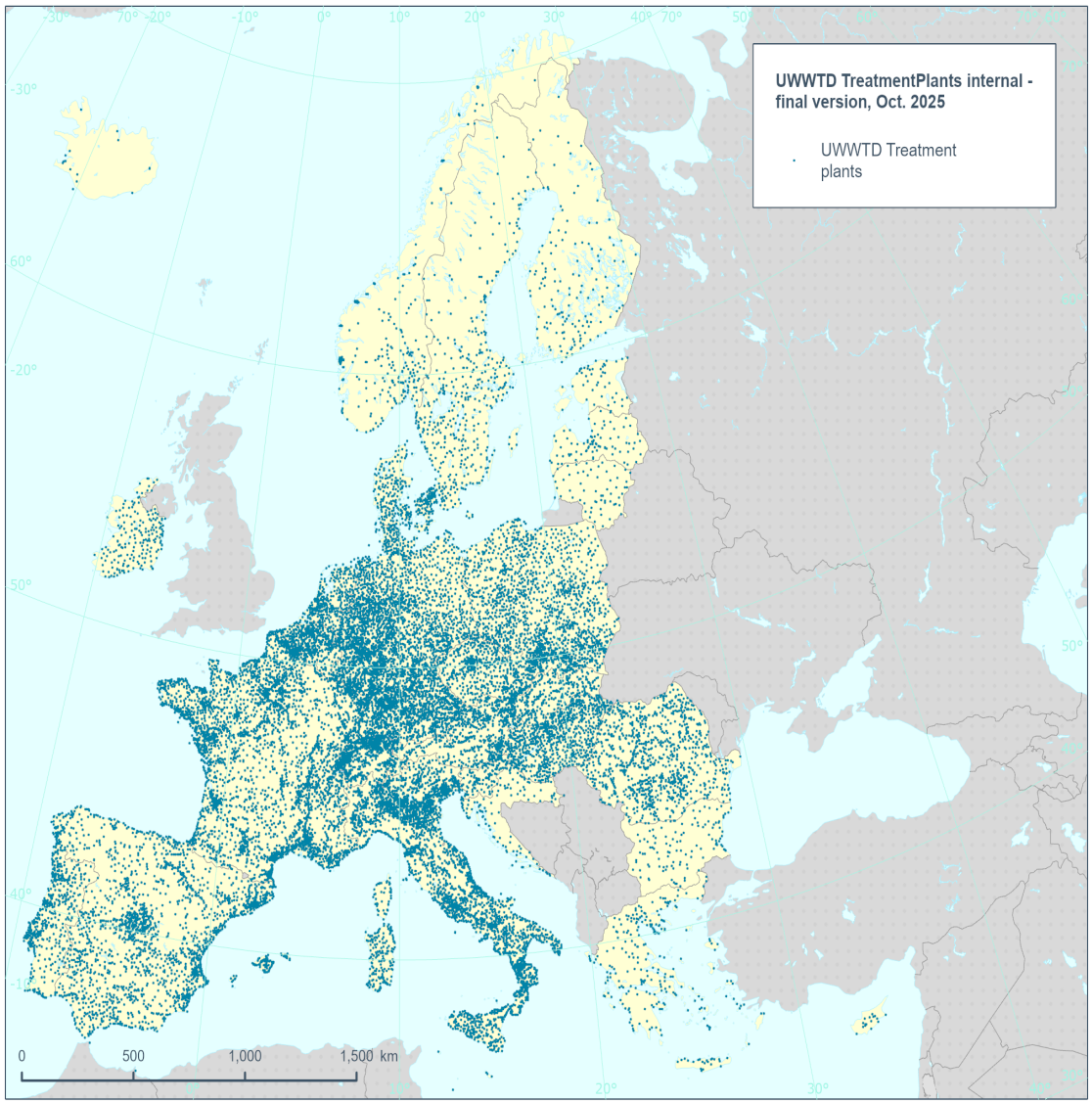
Title

ISO 19115/19139

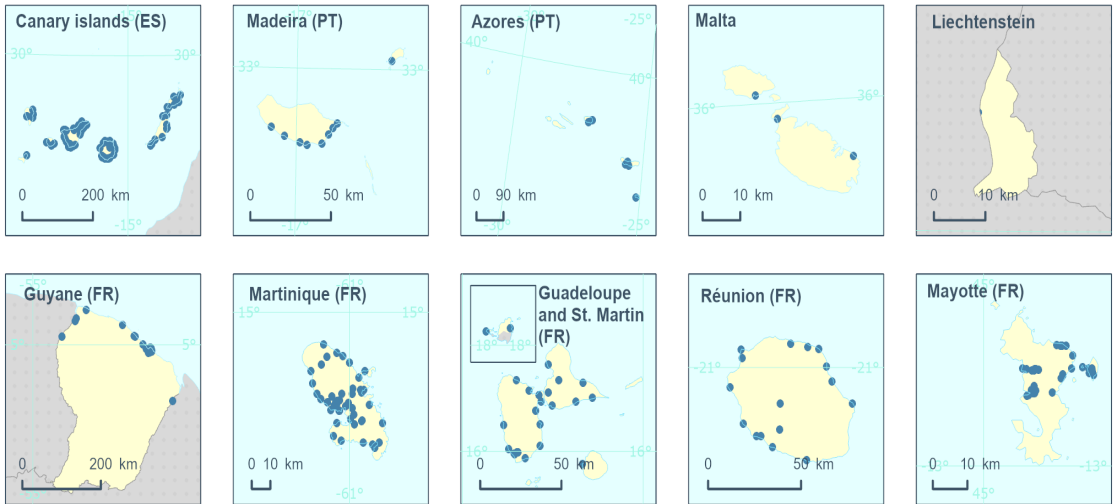
Edition

1.0

Overviews



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



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