

Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2021 - INTERNAL VERSION, Jan. 2023

UWWTD Treatment Plants, Jan. 2023 is one of the datasets produced within the frame of the reporting under 12th UWWTD Art.15 reporting period (UWWTD data call 2021).

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.

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 available under "Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2021 - PUBLIC VERSION, Jan. 2023": (<https://sdi.eea.europa.eu/catalogue/inspire-pds/eng/catalog.search#/metadata/3a69d8af-15d8-443d-a0ff-fa2c4bb8ab0d>).

The published output contains data reported in 2022. Current output is provisional, as it is subject to the Commission's compliance check, following which some records may be amended and further information will be added.

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

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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

Date (Creation)	2022-11-15
Date (Publication)	2023-02-06
Edition	08.00
Citation identifier	eea_v_4258_100_m_uwwtd-tp_i_2019-2020_v08_r00

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

Maintenance and update frequency	Biannually
Keywords	
Keywords	
	<ul style="list-style-type: none"> waste water

GEMET	<ul style="list-style-type: none"> • urban waste water treatment • water quality • waste water treatment plant • waste water treatment • urban waste water • Urban Waste Water Treatment Directive
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"> • EU27 (from 2020) • Iceland
Spatial scope	<ul style="list-style-type: none"> • European
INSPIRE priority data set	<ul style="list-style-type: none"> • Directive 91/271/EEC • Urban waste-water treatment plants (Urban Waste Water Treatment Directive)
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
Access constraints	Other restrictions
Other constraints	public access limited according to Article 13(1)(e) of the INSPIRE Directive
Use constraints	Other restrictions
Other constraints	The dataset contains parts which should not be made available for public access.
Aggregate DatasetIdentifier	6693b59b-8988-4b69-8f58-81f73cc74022
Association Type	revision of
Spatial representation type	Vector
Distance	100 m
Language of dataset	English
Topic category	<ul style="list-style-type: none"> • Environment



Begin date	2019-01-01
End date	2020-12-31
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>
Coordinate reference system identifier	EPSG:4258
Distribution format	<ul style="list-style-type: none"> GDB () Geopackage ()

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance result

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

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 (e.g. [0,0]) were removed.

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 uwvLatitude and uwvLongitude in the attribute table are NULL.

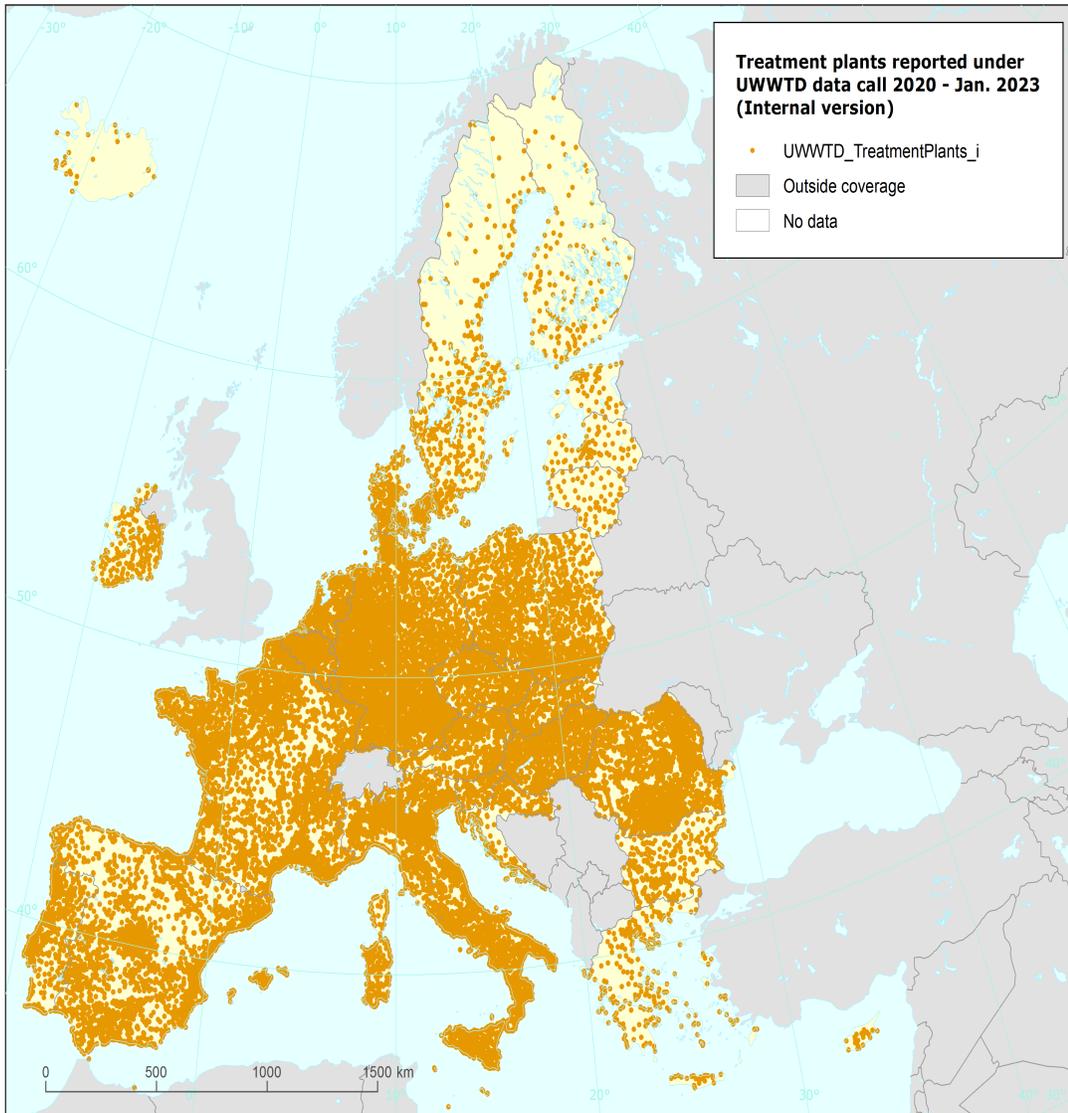
Tabular information is accessible here: <https://sdi.eea.europa.eu/data/0d0c9029-735e-4968-a577-9c22fcf7b2b0/Tabular/>

Data definition and documentation is accessible under 'Links'.

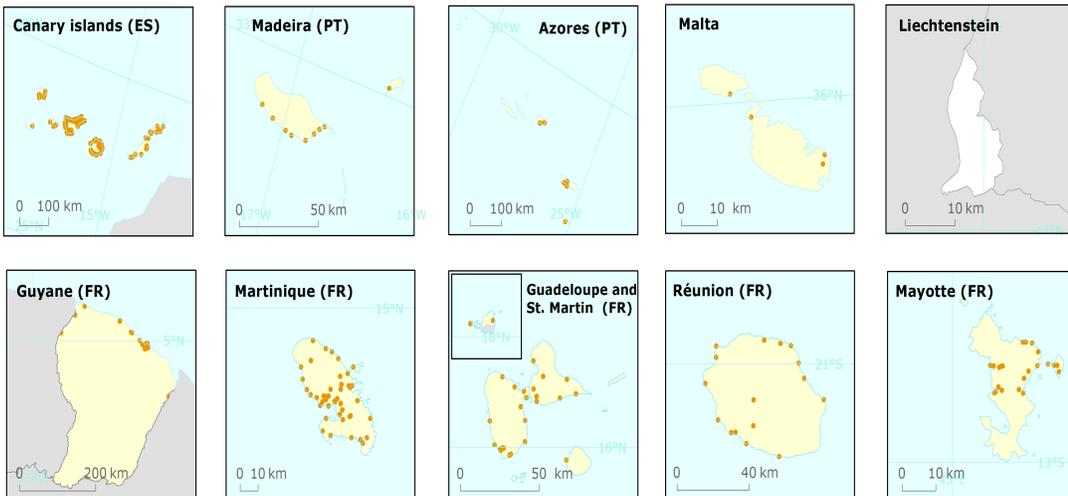
Metadata

File identifier	0d0c9029-735e-4968-a577-9c22fcf7b2b0 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2023-03-03T14:03:03.436Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Website Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews



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



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