EEA geospatial data catalogue

Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2021 - PUBLIC 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 dataset includes the reported treatment plants displayed on the UWWTD maps (https://www.eea.europa.eu/themes/water/european-waters/water-use-and-environmental-pressures/uwwtd/interactive-maps/urban-waste-water-treatment-maps- 3). The active and connected treatment plants with correct coordinates in the reported data were selected from the source European UWWTD tabular dataset which is available on the download link https://www.eea.europa.eu/data-and-maps/data/waterbase-uwwtd-urban-waste-water-treatment-directive-9 .

The definition of the UWWTD Treatment Plants dataset attributes (fields) is available on the link: https://dd.eionet.europa.eu/datasets/latest/UWWTDArt15/tables/UWWTPs

The full dataset, including non active and non connected treatment plants are available under "Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2022 - INTERNAL VERSION, Jan. 2023" (https://sdi.eea.europa.eu/catalogue/inspire-pds/eng/catalog.search#/metadata/0d0c9029-735e-4968-a577-9c22fcf7b2b0).

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.

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

Simple

Date (Creation)	2022-11-15
Date (Publication)	2023-01-15
Edition	08.00
Citation identifier	eea_v_4258_100_m_uwwtd-tp_p_2019-2020_v08_r00
Citation identifier	DAT-106-en

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

Maintenance and update frequency	Biannually
EEA topics	• Water
Keywords	

Keywords	
GEMET	• Urban Waste Water Treatment Directive • waste water treatment plant • urban waste water • water quality • urban waste water treatment • waste water treatment • waste water
GEMET - INSPIRE themes, version 1.0	• Utility and governmental services
Continents, countries, sea regions of the world.	• EU27 (from 2020) • Iceland
Spatial scope	• European
INSPIRE priority data set	• Directive 91/271/EEC • Urban waste-water treatment plants (Urban Waste Water Treatment Directive)
Reporting obligations	• Urban Waste Water Treatment Directive - National Implementation Programme • Urban Waste Water Treatment Directive - Implementation
Access constraints	Other restrictions
Other constraints	no limitations to public access
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 (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Aggregate Datasetindentifier	53f1d42c-6dbb-4515-ae88-32888d0ba03e
Association Type	revision of
Spatial representation type	Vector
Distance	100 m
Language of dataset	English
Topic category	• Environment

69.70	N	-21.39	S	55.83	E	-63.16	W

Begin date	2019-01-01
End date	2020-12-31
Additional Information	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. 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. 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. 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. 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.
Coordinate reference system identifier	EPSG:4258
Distribution format	• GDB ( ) • Geopackage ( )

Distributor

Distributor contact	**Organisation name**	**Individual name**	**Electronic mail address**	**Website**	**Role**
Name	Geopackage				

OnLine resource	**Protocol**	**Linkage**	**Name**
	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_4258_100_m_uwwtd-tp_p_2019-2020_v08_r00/	
	WWW:URL	https://sdi.eea.europa.eu/data/3a69dbaf-15d8-443d-a0ff-fa2c4bb8ab0d	Direct download
	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/themes/water/european-waters/water-use-and-environmental-pressures	EEA online map viewer

		/uwwtd/interactive-maps/urban-waste-water-treatment-maps-3	
	ESRI:REST	https://water.discomap.eea.europa.eu/arcgis/rest/services/UWWTD/SDI_TreatmentPlants_public_ETRS89_v1/MapServer	UWWTD /SDI_TreatmentPlants_public_ETRS89_v1 (MapServer)
	WWW:DOWNLOAD-1.0-http--download	https://cdr.eionet.europa.eu/help/WFD/WFD_780_2022/GISGuidance/WISE_GIS_Guidance.pdf	WISE GIS Guidance, version 7.0.6
	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/data-and-maps/data/waterbase-uwwtd-urban-waste-water-treatment-directive-9	EEA website
Hierarchy level	Dataset		

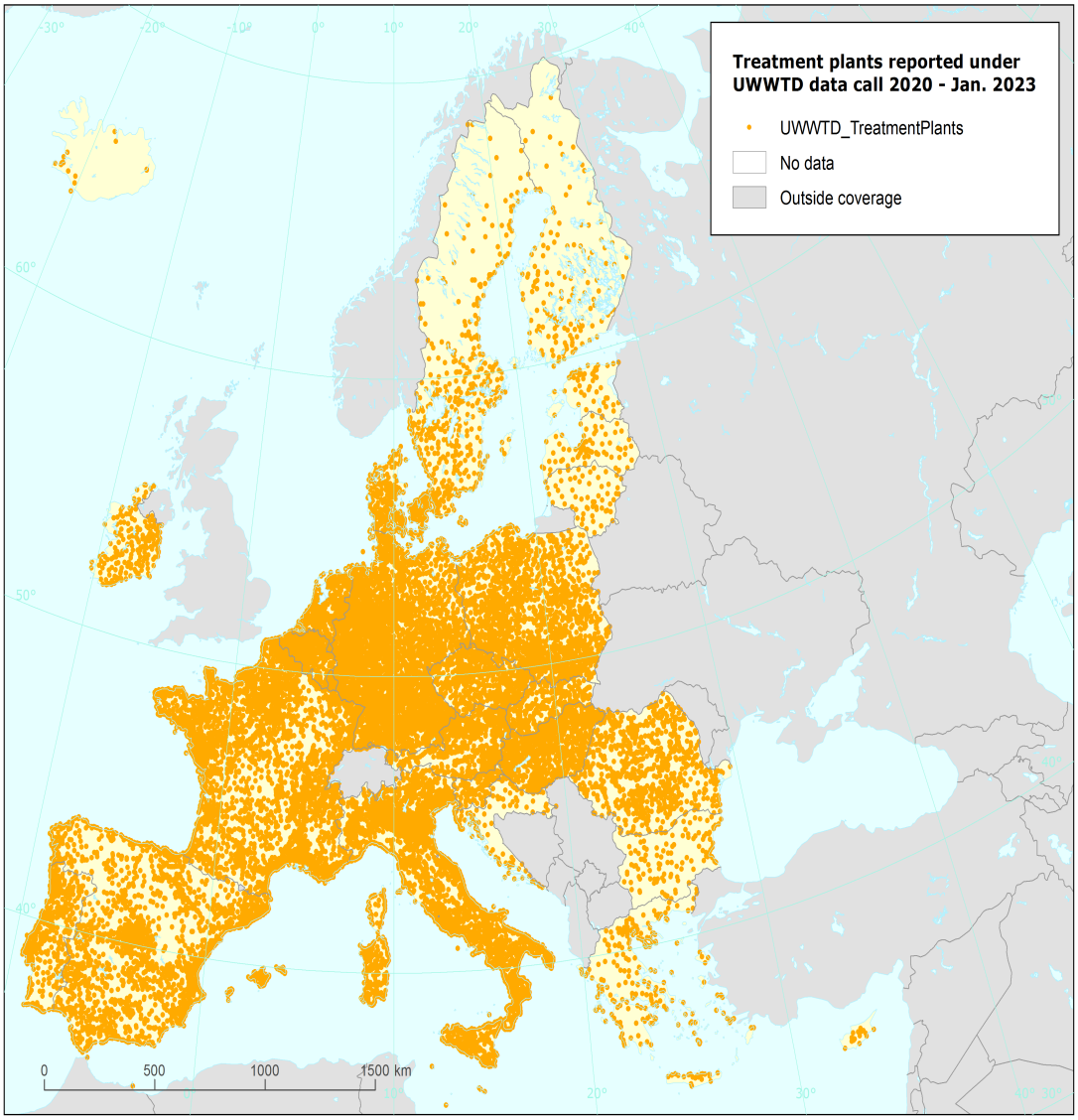
Conformance result

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. Inactive or disconnected treatment plants and treatment plants without coordinates or with obviously wrong coordinates were removed. Tabular data is accessible here: https://sdi.eea.europa.eu/data/3a69dbaf-15d8-443d-a0ff-fa2c4bb8ab0d/Tabular/ Description of dataset and definition is acccessible under 'Links'.
Source	• Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2021 - INTERNAL VERSION, Jan. 2023 • Urban Waste Water Treatment Directive, Treatment plants reported under UWWTD data call 2021 - INTERNAL VERSION, Jan. 2023

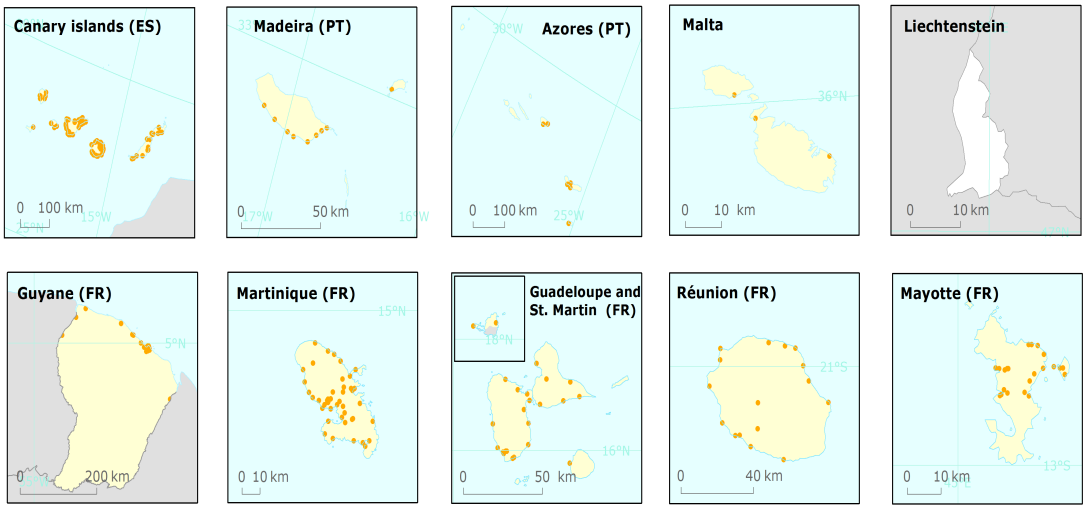
Metadata

File identifier	3a69dbaf-15d8-443d-a0ff-fa2c4bb8ab0d XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2023-03-03T14:02:43.277Z
Metadata standard name	ISO 19115/19139
Metadata standard version	1.0
Metadata author	**Organisation name**: European Environment Agency **Individual name**: **Electronic mail address**: sdi@eea.europa.eu **Website**: **Role**: Point of contact

Overviews



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



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