EEA geospatial data catalogue

Air Quality Zones and Agglomerations reported under the Ambient Air Quality Directives (reported since 2013)

The dataset described here presents the geometries of the zones and agglomerations reported since 2013 by Member States in compliance with the Ambient Air Quality Directives and successfully validated by the EEA's Quality Control system.

In accordance with the procedure referred to in Article 5 of 2011/850/EU on the reciprocal exchange of information and reporting on ambient air quality, Member States shall make available the information set out in Part B of Annex II to this Decision on the delimitation and type of zones and agglomerations established in accordance with Article 3 of Directive 2004/107/EC and Article 4 of Directive 2008/50/EC and in which the assessment and management of air quality is carried out.

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These data flows are described on Reportnet's ROD (Reporting Obligation Database): https://rod.eionet.europa.eu/obligations/670 and https://rod.eionet.europa.eu/obligations/693.

More meta-information on zones, including data providers can be found at http://aideb.apps.eea.europa.eu

Simple

Date (Creation)	2016-12-06
Date (Publication)	2017-04-20
Edition	01.00
Citation identifier	eea_v_3857_x_x_aq-zones-agglomerations_p_2013-now_v01_r00
Point of contact	**Organisation name** / **Individual name** / **Electronic mail address** / **Role** European Environment Agency / info@eea.eur info@eea.europa.eu / Point of contact European Environment Agency / info@eea.eur info@eea.europa.eu / Custodian
Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	• Area management/restriction/regulation zones and reporting units
Keywords	
Keywords	
GEMET	• lead • benzene • atmospheric particulate • air quality • ambient air quality • sulphur dioxide

	• health • ozone • benzopyrene • cadmium • pollutant • nitrogen dioxide • vegetation • nickel • air quality management • nitrogen oxides • air quality directive
Continents, countries, sea regions of the world.	• EU27 (from 2020) • Norway • Iceland • Türkiye • North Macedonia • United Kingdom
Spatial scope	• European
INSPIRE priority data set	• Management zones (Air Quality Directive) • Agglomerations (Air Quality Directive) • Management zones and agglomerations (Air Quality Directive) • Directive 2008/50/EC
Temporal resolution	• Annually
EEA topics	• Air pollution
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).
Spatial representation type	Vector
Language of dataset	English
Topic category	• Environment

71.18	N	-21.39	S	55.84	E	-61.81	W

Begin	2013-01-01T00:00:00
End	
CRS identifier	EPSG:3857
Distribution format	• SHP ( ) • Spatialite ( ) • GDB ( ) • KML ( )

OnLine resource

Protocol	Linkage	Name
WWW:LINK-1.0-http--link	https://maps.eea.europa.eu/wab/AirQualityZones/	
OGC:WMS	https://air.discomap.eea.europa.eu/arcgis/services/AirQuality/AirQualityZones/MapServer/WMSServer?request=GetCapabilities&service=WMS	0
WWW:LINK-1.0-http--link	https://discomap.eea.europa.eu/map/FME/AQZones/	

OnLine resource

Protocol	Linkage	Name
ESRI:REST	https://air.discomap.eea.europa.eu/arcgis/rest/services/AirQuality/AirQualityZones/MapServer	

Hierarchy level	Dataset

Conformance result

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

Statement

The Air Quality Zones (AQZ) dataset is updated continuously, i.e. whenever country delivers set of zone geometries (within obligation ROD670 or ROD693) and the data passes EEA's QC system successfully.

The quality control of the AQZ dataset consists of two stages: QC checks of content/meta-data in Central Data Repository (CDR) and QC checks of geometries.

QC rules for content/meta-data checks in CDR are described here: https://dd.eionet.europa.eu/vocabulary/aq/cdrqaqc. CDR envelope with AQZ dataset can be only released if basic consistency of data is confirmed.

After release of CDR envelope, AQ zone data is downloaded by FME process (FME Server Repository “Air Quality Zones”) which performs geometry checks (described in here: https://www.eionet.europa.eu/aqportal/doc/ZoneGeometryChecks.pdf). The zone geometries which pass the check are imported into SQL table which serves as source for data products such as the AQZ dataset presented here. The SQL table with zone geometries is never truncated and it is only updated if 1) new zone geometry is reported by country or 2) geometry of existing zone is modified. In the first case concept of predecessor is used for tracking changes in AQ zoning.

The second case is used for minor updates such as e.g. alignment with improved administrative boundaries. Information on errors found in data is also stored in SQL tables and serves as source for feedback reports to reporting countries (based on Tableau dashboards).

Metadata

File identifier	6c45ebc1-6b0c-4aac-8651-2b2ba5a92f63 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2023-01-24T15:03:56.735Z
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.eur sdi@eea.europa.eu **Role**: Point of contact

Overviews

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