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

Identification info

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

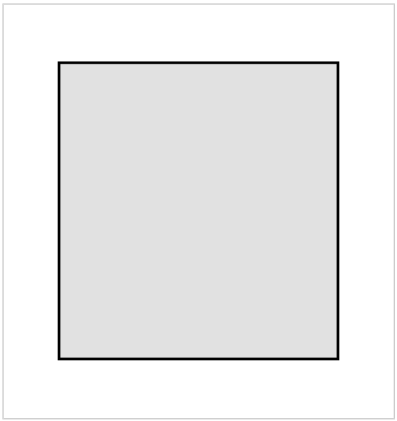
Point of contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu	Point of contact
European Environment Agency		sdi@eea.europa.eu		Custodian

Spatial representation type	Vector
Topic category	• Environment

Extent

71.18	N	-21.39	S	55.84	E	-61.81	W



Temporal extent

Time position	2013-01-01T00:00:00

Extent

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	• Area management/restriction/regulation zones and reporting units
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

Resource constraints

Access constraints	Other restrictions
Other constraints	no limitations to public access

Resource constraints

Use constraints	Other restrictions
Other constraints	License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: European Environment Agency (EEA).
Language	English

Distribution Information

Distribution format	• SHP • Spatialite • GDB • KML
OnLine resource	https://maps.eea.europa.eu/wab/AirQualityZones/
OnLine resource	0 Countries
OnLine resource	https://discomap.eea.europa.eu/map/FME/AQZones/
OnLine resource	https://air.discomap.eea.europa.eu/arcgis/rest/services/AirQuality/AirQualityZones/MapServer

Data quality info

Hierarchy level	Dataset

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	

	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).
Hierarchy level	Dataset

Reference System Information

Reference System Information

Code	EPSG:3857

Metadata

Metadata identifier	6c45ebc1-6b0c-4aac-8651-2b2ba5a92f63
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/6c45ebc1-6b0c-4aac-8651-2b2ba5a92f63?language=all
Date info (Creation)	2020-06-08T12:44:06Z
Date info (Revision)	2025-10-09T10:56:14.139774Z

Metadata standard

Title	ISO 19115/19139
Edition	1.0

Overviews

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