Urban Atlas Land Cover/Land Use 2012 (vector), Europe, 6-yearly, Jan. 2021

The European Urban Atlas provides reliable, inter-comparable, high-resolution land use and land cover data for 785 Functional Urban Area (FUA) for the 2012 reference year in EEA38 countries (EU, EFTA and Western Balkan countries as well as Türkiye) and United Kingdom. The spatial data can be downloaded together with a map for each FUA covered and a report with the metadata for the respective area.

Urban Atlas is a joint initiative of the Commission Directorate-General for Regional and Urban Policy and the Directorate-General for Defence Industry and Space (DEFIS) in the frame of the EU Copernicus programme, with the support of the European Space Agency and the European Environment Agency.

You can read more about the product here: https://land.copernicus.eu/en/products/urban-atlas/urban-atlas-20 12.

Simple

Date (Creation)	2016-08-04
Date (Publication)	2016-08-04
Date (Revision)	2021-01-20
Edition	02.01
Citation identifier	copernicus_v_3035_10_m_ua-2012_p_2011-2013_v02_r01
Citation identifier	DAT-190-en
Code	10.2909/debc1869-a4a2-4611-ae95-daeefce23490

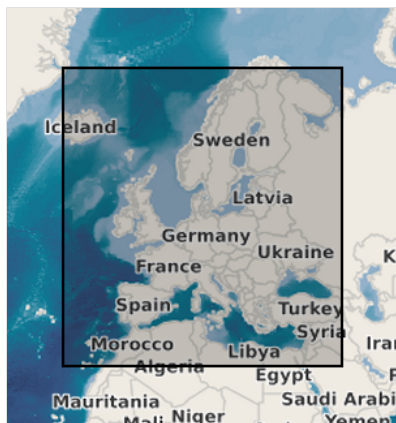| Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
	European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu	Distributor
	European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu	Custodian
	European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu	Point of contact

Point of contact

No information provided.

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	• Land use
Keywords	
Continents, countries, sea regions of the world.	• EEA38 (from 2020) • United Kingdom
Keywords	
GEMET	• land cover • landscape alteration

	- land use - urban area
Spatial scope	European
EEA topics	Land use
EEA Management Plan	2018 3.6.2
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	Access to data is based on a principle of full, open and free access as established by the Copernicus data and information policy Regulation (EU) No 1159/2013 of 12 July 2013. This regulation establishes registration and licensing conditions for GMES/Copernicus users. Free, full and open access to this data set is made on the conditions that: 1. When distributing or communicating Copernicus dedicated data and Copernicus service information to the public, users shall inform the public of the source of that data and information. 2. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the Union. 3. Where that data or information has been adapted or modified, the user shall clearly state this. 4. The data remain the sole property of the European Union. Any information and data produced in the framework of the action shall be the sole property of the European Union. Any communication and publication by the beneficiary shall acknowledge that the data were produced "with funding by the European Union".
Aggregate Datasetindentifier	2f86b35b-4c09-4aa4-80eb-e29426ac065b
Association Type	revision of
Spatial representation type	Vector
Distance	10 m
Language of dataset	English
Character set	UTF8
Topic category	- Environment - Imagery base maps earth cover
Begin date	2011-01-01
End date	2013-12-31

Additional Information	Spatial Resolution information: The Minimum Mapping Width is 10 m
Coordinate reference system identifier	EPSG:3035
Distribution format	• SHP (1.1) • Geopackage ( )

OnLine resource	Protocol	Linkage	Name
	ESRI:REST	https://image.discomap.eea.europa.eu/arcgis/rest/services/UrbanAtlas/UA_UrbanAtlas_2012/MapServer	
	OGC:WMS	https://image.discomap.eea.europa.eu/arcgis/services/UrbanAtlas/UA_UrbanAtlas_2012/MapServer/WMSServer?request=GetCapabilities&service=WMS	
	WWW:LINK-1.0-http--link	https://land.copernicus.eu/en/products/urban-atlas/urban-atlas-2012#Download	Download (requires authentication)

OnLine resource	Protocol	Linkage	Name
	DOI	https://doi.org/10.2909/debc1869-a4a2-4611-ae95-daeefce23490	

Hierarchy level	Dataset

Conformance result

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

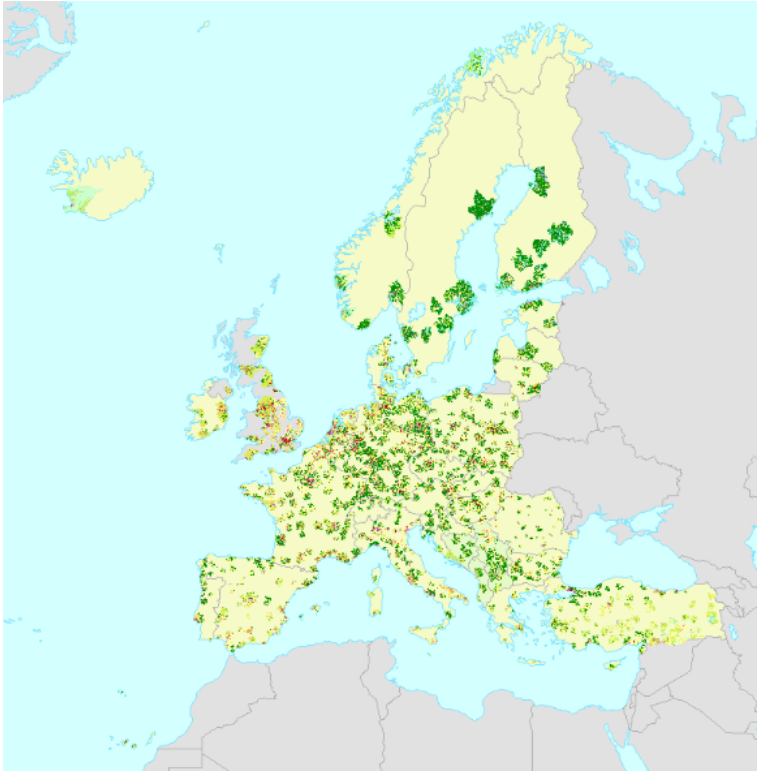| Statement	The Urban Atlas is mainly based on the combination of (statistical) image classification and visual interpretation of Very High Resolution (VHR) satellite imagery. Multispectral SPOT 5 & 6 and Formosat-2 pan-sharpened imagery with a 2 to 2.5m spatial resolution is used as input data. The built-up classes are combined with density information on the level of sealed soil derived from the High Resolution Layer imperviousness to provide more detail in the density of the urban fabric. Finally, the Urban Atlas product is complemented and enriched with functional information (road network, services, utilities etc…) using ancillary data sources such as local city maps or online map services. During the mapping campaign for the update of Urban Atlas 2018, the LCLU status product of Urban Atlas 2012 was revised. Version 021 marks the new revised FUAs with the population estimates added as attribute Pop2012. Typology: 11100 Continuous Urban Fabric (S.L. > 80%)

11210 Discontinuous Dense Urban Fabric (S.L. : 50% - 80%)

11220 Discontinuous Medium Density Urban Fabric (S.L. : 30% - 50%)

11230 Discontinuous Low Density Urban Fabric (S.L. : 10% - 30%)

11240 Discontinuous Very Low Density Urban Fabric (S.L. < 10%)

11300 Isolated Structures

12100 Industrial, commercial, public, military and private units

12210 Fast transit roads and associated land

12220 Other roads and associated land

12230 Railways and associated land

12300 Port areas

12400 Airports

13100 Mineral extraction and dump sites

13300 Construction sites

13400 Land without current use

14100 Green urban areas

14200 Sports and leisure facilities

21000 Arable land (annual crops)

22000 Permanent crops (vineyards, fruit trees, olive groves)

23000 Pastures

24000 Complex and mixed cultivation patterns

25000 Orchards at the fringe of urban classes

31000 Forests

32000 Herbaceous vegetation associations (natural grassland, moors...)

33000 Open spaces with little or no vegetations (beaches, dunes, bare rocks, glaciers)

40000 Wetland

50000 Water bodies

External Quality control realized by IGNFI.

Metadata

File identifier	debc1869-a4a2-4611-ae95-daeefce23490 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2024-02-06T16:45:21.553Z
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

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