

Urban Atlas Land Cover/Land Use Change 2012-2018 (vector), Europe, 6-yearly, Jan. 2021

The European Urban Atlas provides reliable, inter-comparable, high-resolution land use and land cover change data for 785 Functional Urban Areas (FUA) with more than 50,000 inhabitants between the reference years 2012 and 2018 in EEA38 countries (EU, EFTA, 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. The Urban Atlas Change layers have become available as of 2012.

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

NOTE: By the time of publishing this metadata not all the FUAs were available through the Copernicus Land Service website. The last FUAs were added in January 2021.

Simple

Date (Creation)	2020-04-16		
Date (Publication)	2020-04-16		
Date (Revision)	2021-01-20		
Edition	01.02		
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Code	10.2909/949683b7-5795-4c72-845f-77d049010649		
Point of contact	Organisation name	Individual name	Electronic mail address Role
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	European Environment Agency		copernicus@eea.europa.eu Custodian
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Point of contact

No information provided.

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> Land use
Keywords	

Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • EEA38 (from 2020) • United Kingdom
Keywords	
GEMET	<ul style="list-style-type: none"> • urban area • landscape alteration • land use • land cover
Spatial scope	<ul style="list-style-type: none"> • European
EEA topics	<ul style="list-style-type: none"> • Land use
EEA Management Plan	<ul style="list-style-type: none"> • 2018 3.6.2
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	<p>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.</p> <p>Free, full and open access to this data set is made on the conditions that:</p> <ol style="list-style-type: none"> 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".
Spatial representation type	Vector
Distance	10 m
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none"> • Environment • Imagery base maps earth cover
Begin date	2011-01-01
End date	2019-12-31



Additional Information	Spatial Resolution information: The Minimum Mapping Width is 10 m		
CRS identifier	EPSG:3035		
Distribution format	<ul style="list-style-type: none"> • Geopackage (1.1) 		
OnLine resource	Protocol	Linkage	Name
	WWW:LINK-1.0-http--link	https://land.copernicus.eu/local/urban-atlas/urban-atlas-change-2012-2018	
	ESRI:REST	https://image.discomap.eea.europa.eu/arcgis/rest/services/UrbanAtlas/UA_UrbanAtlasChange_2012_2018/MapServer	
	OGC:WMS	https://image.discomap.eea.europa.eu/arcgis/services/UrbanAtlas/UA_UrbanAtlasChange_2012_2018/MapServer/WMServer?service=WMS&request=GetCapabilities&version=1.3.0	
	WWW:LINK-1.0-http--link	https://land.copernicus.eu/en/products/urban-atlas/urban-atlas-change-2012-2018#Download	Download (requires authentication)
OnLine resource	Protocol	Linkage	Name
	DOI	https://doi.org/10.2909/949683b7-5795-4c72-845f-77d049010649	
Hierarchy level	Dataset		

Conformance result

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

Statement	<p>Cartography based on satellite images Interpretation (2012: SPOT 5 or ALOS - resolution 2,5 meters ; 2018: Pléiades, KOMPSAT, Planet, SPOT 6, SuperView, etc. - resolution 2 or 4 meters)</p> <p>Use of ancillary data (Google Earth, OpenStreet Map).</p> <p>Production land use/cover maps for Functional Urban Area in Europe.</p> <p>Typology:</p> <p>11100 Continuous Urban Fabric (S.L. > 80%)</p> <p>11210 Discontinuous Dense Urban Fabric (S.L. : 50% - 80%)</p> <p>11220 Discontinuous Medium Density Urban Fabric (S.L. : 30% - 50%)</p>
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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.

The Minimum Mapping Unit is as follows:

Class 1 to Class 1: 0.1 ha;

Class 2 - 5 to Class 1: 0.1 ha;

Class 2 - 5 to Class 2 - 5: 0.25 ha;

Class 1 to Class 2 - 5: 0.25 ha.

The Minimum Mapping Width is 10 m.

Additional information (product description, mapping guidance and class description) can be found here: https://land.copernicus.eu/user-corner/technical-library/urban_atlas_2012_2018_mapping_guide_v6-1.pdf.

Source

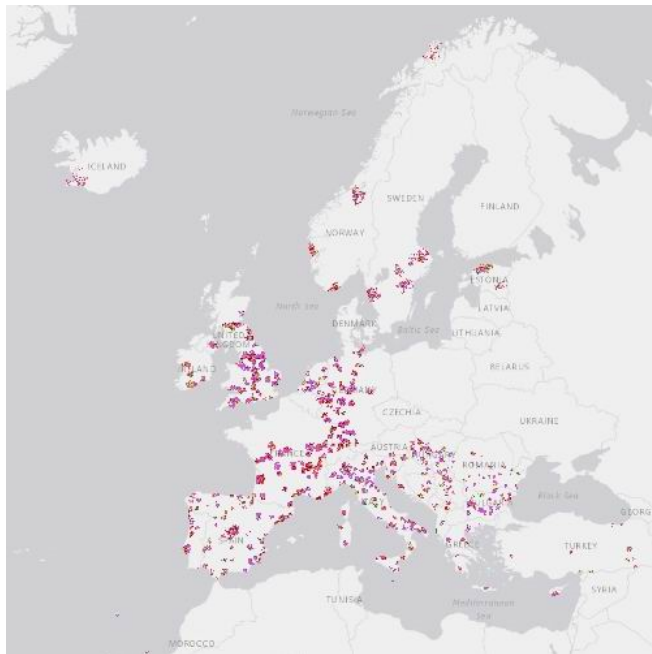
- [Urban Atlas 2018 \(vector\), Jan. 2021](#)
- [Urban Atlas Land Cover/Land Use 2012 \(vector\), Europe, 6-yearly, Jan. 2021](#)

Metadata

File identifier	949683b7-5795-4c72-845f-77d049010649 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset

Date stamp	2023-08-15T15:01:36.985Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		sdi@eea. Point eur of sdi@eea. contact europa.eu

Overviews



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