

## Urban Morphological Zones 2006 (vector) - version 13, Apr. 2010

A UMZ is defined as a "set of urban areas laying less than 200 m apart". Urban areas have been selected from Corine Land Cover 2006, version 13, by means of a complex methodology explained below.

### Simple

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No information provided.

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No information provided.

<b>Maintenance and update frequency</b>	Biannually
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"> <li>Land cover</li> </ul>
<b>Keywords</b>	
<b>Keywords</b>	
<b>GEMET</b>	<ul style="list-style-type: none"> <li>economy</li> <li>household</li> <li>environmental report</li> </ul>
<b>EEA topics</b>	<ul style="list-style-type: none"> <li>Land use</li> </ul>

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<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">no limitations to public access</a>
<b>Spatial representation type</b>	Vector
<b>Denominator</b>	100000
<b>Language of dataset</b>	English
<b>Character set</b>	UTF8
<b>Topic category</b>	<ul style="list-style-type: none"><li>• Environment</li><li>• Geoscientific information</li></ul>



<b>Begin date</b>	2006-01-01
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<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• SHP ( )</li> </ul>

### OnLine resource

No information provided.

<b>Hierarchy level</b>	Dataset
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### Conformance result

<b>Date (Publication)</b>	2010-12-08
<b>Explanation</b>	See the referenced specification

<b>Statement</b>	<p>Methodology description:</p> <p>UMZ 2006 dataset derives from Corine Land Cover 2006 raster. Urban classes are selected from CLC2006 and applying some criteria are merged to build up UMZs. Airports have been included within urban classes. Some iteration done in the third process step. For more details see process steps detailed below.</p> <p>Changes:</p> <p>None</p> <p>Publish status:</p> <p>Ready for publish</p> <p>process steps</p> <p>Description:</p> <p>Reclassification of Corine Land Cover 2006 100m raster in the following way: 1- Core urban areas: 111 (Continuous urban fabric), 112 (Discontinuous urban fabric), 121 (Industrial or commercial units), 141 (Green urban areas). 2- Ports, airports and sport facilities: 123 (Port areas), 124 (Airports), 142 (Sport and leisure facilities). 3- Transportation and rivers: 122 (Road and rail networks), 511 (Water courses). 4- Forests &amp; scrub: 311,312,313,322,323,324.</p> <p>Description:</p> <p>Vectorisation of each reclassified set</p> <p>Description:</p> <p>Addition of ports, airports and sport facilities to the core classes: They are selected if they are neighbours to the core classes. This process is done iteratively until all polygons are selected. Once selected, they are merged with the core classes to built-up the enlarged core classes.</p> <p>Description:</p>
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Addition of roads, railways and rivers to the enlarged core classes: selection by neighbourhood to the enlarged core classes of roads, railways and rivers. Clip by 300m buffer around the enlarged core classes. Merge of selected and clipped roads, railways and rivers to the enlarged core classes.

Description:

Addition of forest and scrub classes fully within the core classes: selection of forest and scrub classes fully within the urban core classes, and merge of selected features.

Description:

Rasterisation (100m resolution) of the features obtained after previous steps. Result: Pre-UMZ raster.

Description:

Expansion by 1 pixel (100m) of pre-UMZ raster, in order to connect urban areas lying less than 200m apart.

Description:

Shrinking by 1 pixel (100m) of the expanded raster. Vectorisation of resulting raster. Result:UMZ\_preFinal

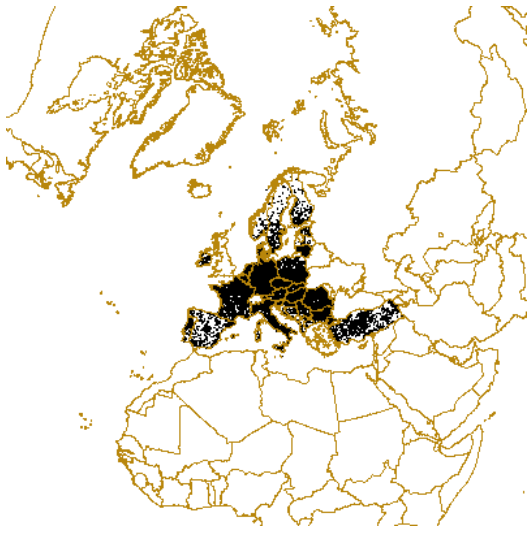
Description:

Elimination of polygons below 25 ha. (CLC limit). Result: UMZ2006

## Metadata

<b>File identifier</b>	c45f5dbd-4711-4436-8634-e4fe40597fb7 <a href="#">XML</a>		
<b>Metadata language</b>	English		
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<b>Hierarchy level</b>	Dataset		
<b>Date stamp</b>	2021-04-26T12:29:19.103Z		
<b>Metadata standard name</b>	ISO 19115/19139		
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## Overviews



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