

## PROPOSAL OF FEATURE TYPE CATALOGUE FOR EGN PROJECT

### **Version 1 (October 26<sup>th</sup> of 2007)**

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#### **Based on:**

Feature classifications used by National Mapping and Cadastral Agencies of Finland, Canada and Spain  
Appendix B: Proposal for an EGN feature classification

### **Version 2 (January 16<sup>th</sup> of 2008)**

Reviewed and corrected by Adela Alcázar with the amendments of:

1. Anne Blankert (Consortium - Geodan)
2. Roman Stani-Fertl (Consortium)
3. Andreas Hadjiraftis (Reference Group - Cyprus)
4. Teemu Leskinen (Reference Group - Finland)
5. Vita Strautniece (Reference Group - Latvia)
6. Pavel Bohac (Reference Group - Czech Republic)
7. Ferjan J. Ormeling (Consortium)

### **Version 3 (February 8<sup>th</sup> of 2008)**

Reviewed and corrected by Adela Alcázar with amendments of Frans Knibbe (Consortium - Geodan)

#### **Classification in two levels:**

- classes: 8
- subclasses: 27

#### **Table content:**

- Code
- Feature type
- Short definition
- Feature type examples

**PROPOSAL OF FEATURE TYPE CATALOGUE FOR EGN PROJECT  
(VERSION 3)**

<b>Code</b>	<b>Feature Type</b>	<b>Short Definition</b>	<b>Feature Type Examples</b>
<b>1</b>	<b>COUNTRY, ADMINISTRATIVE UNITS AND OTHER AREAS</b>	Country, territorial units of a country for administrative purposes and other man-made areas	
	<b>1.1</b>	<b>Country</b>	Country of Europe
	<b>1.2</b>	<b>Administrative units</b>	Territorial units of every country for statistics and administrative purposes  <i>Including:</i> Nomenclature of Territorial Units for Statistics in EU (NUTS 1, 2 and 3) Local Administrative Units (LAU 1 and 2) Other administrative units
			länder (Germany) autonomous region (Spain) province
			municipality
	<b>1.3</b>	<b>Other non-administrative units</b>	Other type of man-made areas like economic, cultural, linguistic or tourist areas
<b>2</b>	<b>POPULATED PLACES</b>	Buildings for housing of any category like cities, towns, villages, etc.	
	<b>2.1</b>	<b>Administrative capitals</b>	Populated places with capital status  <i>Including:</i> Administrative capitals of NUTS 1, 2 and 3 Administrative capitals of LAU 1 and 2 Other administrative capitals
			capital of country, autonomous region (Spain), province
			capital of municipality
	<b>2.2</b>	<b>Other populated places</b>	Populated places without administrative status  <i>Including:</i> Cities, towns, villages, hamlets... Parts of them
			city, town, village, hamlet
			neighborhood

	<b>2.3</b>	<b>Houses</b>	Individual residential buildings	house, farmhouse (in country side)
<b>3</b>		<b>NON-RESIDENTIAL STRUCTURES AND BUILDINGS</b>	Any kind of structures and buildings, except populated places, transport, telecommunication and hydrographic features	
	<b>3.1</b>	<b>Economic activity</b>	Structures and buildings related to any kind of economic activity  <i>Including:</i>	
			Agricultural and animal husbandry structures	poultry farm
			Industrial and mining structures	industrial estate, mine
			Power generation and distribution sites	hydroelectric plant, wind turbine,
			Commercial sites and others related to them (tourist facilities...)	shopping centre, business park, hotel, bungalow park
			Other economic sites and structures	incinerator, recycling plant,
	<b>3.2</b>	<b>Social facilities, administrative buildings and monuments</b>	Structures for social use, administrative buildings and monuments  <i>Including:</i>	
			Social facilities (medical, educational, recreational, cultural, religious...) and administrative buildings	hospital, school, football stadium, garden, park, theatre, church, mosque, synagogue, town hall
			Monuments, historical and ancient sites	cathedral, castle historic walls
	<b>3.3</b>	<b>Other non-residential structures</b>	Structures different from types 3.1 and 3.2	boundary stone, survey point, cemetery
<b>4</b>		<b>TRANSPORT AND TELECOMMUNICATION FEATURES</b>	Structures related to transports and telecommunications	
	<b>4.1</b>	<b>Air transport</b>	Features associated with air transport	airport, aerodrome, military aerodrome, landing strip, heliport
	<b>4.2</b>	<b>Waterborne transport</b>	Features associated with maritime and fluvial transport	harbour, pier, quay, dock

	<b>4.3</b>	<b>Land transport</b>	Features associated with land transport.	
			<i>Including:</i>	
			Road transport	highway, road
			Rural and urban ways	byway, cattle route, path street, square
			Rail transport	railway track
		Structures associated	bridge, tunnel, railway and bus stations	
	<b>4.4</b>	<b>Telecommunications</b>	Features associated with telecommunications	antenna site, radio station
<b>5</b>		<b>TERRAIN FEATURES</b>	Land features of natural environment including vegetation. In general they are natural elements but can be modified by man	
	<b>5.1</b>	<b>Islands</b>	Tract of land surrounded by water. Sea, lake and river islands are included	island, archipelago
	<b>5.2</b>	<b>Coastal and shore relieves</b>	Features that describe the shore of seas and lakes	
<i>Including:</i>				
Capes			cape, delta, peninsula	
Beaches			beach	
		Other coastal relieves	cliff, isthmus, reef, shoal	
	<b>5.3</b>	<b>Elevations</b>	High terrain areas	
<i>Including:</i>				
Mountain ranges			mountain range, mountain chain	
Peaks			mountain, peak, hill, fells	
Mountain passes			pass	
		Other elevations	Plateau, mountainside	
	<b>5.4</b>	<b>Natural terrain areas or regions</b>	Area of earth's surface, with the exception of island, shore and elevation features	
<i>Including:</i>				
Plains, depressions and other relieves			plain, valley, cliff, defile, slope, rocky ground, chasm	
		Vegetation (natural or cultivated by man)	forest, bushes, pasture, vineyard, olive grove	

			Other areas	wetland, marsh, desert volcanic area
	<b>5.5</b>	<b>Point terrain features</b>	Point feature of natural environment	singular tree, cave, stone
<b>6</b>		<b>HYDROGRAPHIC FEATURES</b>	Natural or man-made features related to water	
	<b>6.1</b>	<b>Seas and parts of them</b>	Great body of salt water or part of it  <i>Including:</i>	
			Seas	sea, ocean
			Bays and maritime straits	bay, gulf, estuary channel, strait
	<b>6.2</b>	<b>Standing water</b>	Inland body of standing water (salt or fresh). It can be a natural or man-made feature  <i>Including:</i>	
			Lakes and parts of them	lake, pond bay, channel, strait (of a lake)
			Reservoirs and parts of them	reservoir
	<b>6.3</b>	<b>Flowing water</b>	Permanent or intermittent flowing water through a natural course (river) or man-made course (canal). Exceptionally, also are included man-made courses with standing water  <i>Including:</i>	
			Rivers and parts of them	brook, stream, river rapid, waterfall
			Canals and parts of them	irrigation channel, canal
	<b>6.4</b>	<b>Hydrographic point features</b>	Hydrographic point feature, natural, partially modified by man or man-made	source, spring, fountain, well
	<b>6.5</b>	<b>Diverse hydrographic structures</b>	Man-made hydrographic structures	dam, polder
	<b>6.6</b>	<b>Other hydrographic and underwater features</b>	Other natural hydrographic features different from types 6.1 to 6.4	glacier

<b>7</b>		<b>CONSERVATION AREAS</b>	Terrain or hydrographic conservation areas of natural environment and World Heritage Sites	
	<b>7.1</b>	<b>World Heritage Sites</b>	Sites nominated and included on World Heritage List by UNESCO	world heritage site
	<b>7.2</b>	<b>Conservation areas of natural environment</b>	Terrain or hydrographic conservation areas of natural environment	nature reserve, national park, wilderness area
<b>8</b>		<b>MISCELLANEOUS</b>	Other type of features not included in classes 1 to 7	
	<b>8.1</b>	<b>Miscellaneous</b>	Other type of features not included in subclasses 1.1 to 7.2	