

Infrastructure for Spatial Information in Europe		Definition of Annex Themes and Scope	
DT DS v3.0	D2.3 Definition of Annex Themes and scope	2008-03-18	Page 97 of 132

7.11 Area management/restriction/regulation zones and reporting units

Definition:

(INSPIRE, 2007) Areas managed, regulated or used for reporting at international, European, national, regional and local levels. Includes dumping sites, restricted areas around drinking water sources, nitrate-vulnerable zones, regulated fairways at sea or large inland waters, areas for the dumping of waste, noise restriction zones, prospecting and mining permit areas, river basin districts, relevant reporting units and coastal zone management areas.

Description:

A wide range of management areas both at European, national, regional and local levels. The themes and its feature types allow information content from any sector – e.g. environmental, transport, health, education, energy, fisheries, agriculture.

Sector-specific management areas contain information about management zones in sectors, not already being covered by the INSPIRE theme "Administrative units". Here only a few examples are given. These may include health care management regions, defence enrolment regions, school regions, fire fighter management regions, police responsibility regions, rescue operation regions, National and IMO adopted Traffic Separation Schemes (TSS) and Deep Water Routes, Military Practice Areas, Explosive Dumping Grounds etc.

Different regimens and regulations may be relevant, some examples are given;

- Safety at Sea - SOLAS - dissemination of data and information for safe navigation - NAVAREA commitments may be relevant to the specification process

River Basin Districts, management area for WFD, is not specifically being defined a subset of water catchments, and is therefore relevant to be defined as a separate management area. Sub-units for reporting under the Water Framework Directive is being discussed, but not yet decided. In the specification process care should be given to differences in definition, nature-based delineation relevant to water catchments, delineation based on administrative decisions conflicting nature-based catchment boundaries relevant for river management zones. WFD: art 2, annex I, ii): River basin district means the area of land and sea, made up of one or more neighbouring river basins together with their associated groundwater and coastal waters, which is identified under Article 3(1) as the main unit for management of river basins. WFD: Annex I, ii): Geographical coverage of the river basin district- the names of the main rivers within the river basin district together with a precise description of the boundaries of the river basin district. Anticipated sources: Environmental / hydrological institutions, Mandatory reporting from MC. The implementation of delineation in the countries may not reflect the nature-based definition in the WFD.

Scope, use examples:

These are major sector or thematic management areas being used primarily by the sector itself. Sector management and reporting areas are also widely being used in reporting and statistical presentations. In order to fulfil needs defined in EU policies, one should secure the flow of main sector management/ reporting units at the European level.

OSPAR reporting units at sea: General micro-scale data of management units at sea. Only a few region areas in Pan-Europe. Anticipated sources: OSPAR

Infrastructure for Spatial Information in Europe	Definition of Annex Themes and Scope		
DT DS v3.0	D2.3 Definition of Annex Themes and scope	2008-03-18	Page 98 of 132

Bio-geographic regions: Biogeographical regions: Europe is divided into eleven broad biogeographical zones. The data is a polygon data set with the major biogeographical regions. The boundaries should be considered to be ambiguous as they are generalisations that have been fit with political boundaries. Scale 1: 10 million.

Important feature types and attributes:

Management region

- sector
- sub-sector
- management activity type
- responsible organisation
- year of verification

Links and overlaps with other themes:

- Administrative units
- Transport networks
- Hydrography
- Geology
- Statistical units
- Land use
- Natural risk zones
- Sea regions
- Biogeographical units
- Mineral resources
- Energy resources

Reference documents:

CNIG: Annexe 5 – Liste des données géographiques de référence en domaine littoral (France)

INTESA GIS: 1n1007_1 - Specifications for producing general Topographic Data Base - Layers, Themes, Classes (Italy)

Norwegian Mapping and Cadaster Authority: Norwegian feature catalogue and standards

RAVI: NEN3610 - Basic scheme for geo-information - Terms, definitions, relations and general rules for the interchange of information of spatial objects related to the earth's surface (The Netherlands)

Regione Emilia-Romagna: Data Base Topografico alle grandi scale (1:1.000 - 1:2.000 - 1:5.000)