

## The European Directive INSPIRE and its Implementing Rules. Compliance by the General Directorate for Cadastre.



The **European Directive INSPIRE** (Directive 2007/2/EC, Infrastructure for Spatial Information in Europe) lays down the **mandatory** general rules for the establishment of an Infrastructure for Spatial Information in the European Community based on the infrastructure of the Member States. **The transposition of this Directive** to the Spanish legal system is developed through the Law 14/2010, of 5 July, on infrastructures and geographical information services in Spain (**LISIGE**).

To ensure that the spatial data infrastructures of the Member States are compatible and interoperable in a community and cross-border context, the Directive requires the adoption of common implementing rules specific for data, metadata and services.

Between the geographic data that the Directive requires to harmonize are cadastral parcels (CP), Addresses (AD) and buildings (BU). Therefore the General Directorate for Cadastre has generated several dataset of data conforming to inspire, transforming its data of cadastral parcels, addresses and buildings in accordance with the mandatory rules:

[http://inspire.ec.europa.eu/documents/Data\\_Specifications/INSPIRE\\_DataSpecification\\_CP\\_v3.0.1.pdf](http://inspire.ec.europa.eu/documents/Data_Specifications/INSPIRE_DataSpecification_CP_v3.0.1.pdf)

[http://inspire.ec.europa.eu/documents/Data\\_Specifications/INSPIRE\\_DataSpecification\\_AD\\_v3.0.1.pdf](http://inspire.ec.europa.eu/documents/Data_Specifications/INSPIRE_DataSpecification_AD_v3.0.1.pdf)

[http://inspire.ec.europa.eu/documents/Data\\_Specifications/INSPIRE\\_DataSpecification\\_BU\\_v3.0rc2.pdf](http://inspire.ec.europa.eu/documents/Data_Specifications/INSPIRE_DataSpecification_BU_v3.0rc2.pdf)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2009R0976:20101228:ES:PDF>

In addition, according to the Directive, these standardized data must be offered by network services also standardized by INSPIRE, to make them interoperable with other data and services as is established in the amended regulation (EC) No 976/2009

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2009R0976:20101228:ES:PDF>



Therefore the General Directorate for Cadastre must offer

- **Discovery services** for these data through the catalog of the Spatial Data Infrastructure of Spain IDEE [Http://www.idee.es](http://www.idee.es), according to what is established in the Technical Guide for the implementation of Discovery Services. [http://inspire.ec.europa.eu/documents/Network\\_Services/TechnicalGuidance\\_DiscoveryServices\\_v3.1.pdf](http://inspire.ec.europa.eu/documents/Network_Services/TechnicalGuidance_DiscoveryServices_v3.1.pdf)

- **View services:** Web Map Services according to the INSPIRE profile from ISO19128 - WMS 1.3.0, as are laid down in the Technical Guide for the implementation of View Services:

[http://inspire.ec.europa.eu/documents/Network\\_Services/TechnicalGuidance\\_ViewServices\\_v3.11.pdf](http://inspire.ec.europa.eu/documents/Network_Services/TechnicalGuidance_ViewServices_v3.11.pdf)

- **Download services:** that according to what is established in the Technical Guide for the implementation of the services of download:

[http://inspire.ec.europa.eu/documents/Network\\_Services/Technical\\_Guidance\\_Download\\_Services\\_v3.1.pdf](http://inspire.ec.europa.eu/documents/Network_Services/Technical_Guidance_Download_Services_v3.1.pdf)

they can be

- Download services of **predefined data sets using ATOM technology**
- **Direct download services** of data that are implemented using ISO 19142 Web Feature Service e ISO 19143 Filter Encoding Specification