



INSPIRE is an initiative of the European Union with the objective of building a European spatial data infrastructure. The legal framework is the European Directive 2007/2/EC that sets the mandatory general rules for the establishment of a spatial information infrastructure in the European Community based on the infrastructures of the Member States. The transposition of this Directive into the Spanish legal system is done through Law 14/2010, of July 5, on geographic information infrastructures and services in Spain (LISIGE).

In order 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 specific common implementation rules for data, metadata and services.

Among the geographical data that the Directive requires to harmonize, the Gipuzkoa Provincial Council has generated the following datasets according to the INSPIRE Directive (XML schemas version 4.0):

- Administrative units (AU):
<https://inspire.ec.europa.eu/id/document/tg/au>
- Cadastral parcels (CP):
<https://inspire.ec.europa.eu/id/document/tg/cp>
- Postal addresses (AD):
<https://inspire.ec.europa.eu/id/document/tg/ad>
- Buildings (BU):
<https://inspire.ec.europa.eu/id/document/tg/bu>
- Geographical Names (GN):
<https://inspire.ec.europa.eu/id/document/tg/gn>

The INSPIRE Directive establishes that these data must be offered through network services standardised by INSPIRE, to make them interoperable with other data and services, following the modified Regulation (CE) N° 976/2009:

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

For this reason, the Gipuzkoa Provincial Council offers the following services:

- **Visualisation services**, ISO 19128 *Web Map Services* (OGC WMS Standard 1.3) as established in the Technical Guide for the implementation of visualisation services:
<https://inspire.ec.europa.eu/documents/technical-guidance-implementation-inspire-view-services-1>
- **Download services**, according to the Technical Guide for the implementation of download services: <https://inspire.ec.europa.eu/documents/technical-guidance-implementation-inspire-download-services>



These are:

- **Services for downloading predefined datasets**, using ATOM technology (GML 3.2.1).
- **Direct data download services**, which are implemented using ISO 19142 *Web Feature Service* (OGC WFS Standard 2.0) and ISO 19143 *Filter Encoding Specification*.