

# 10 Data Capture

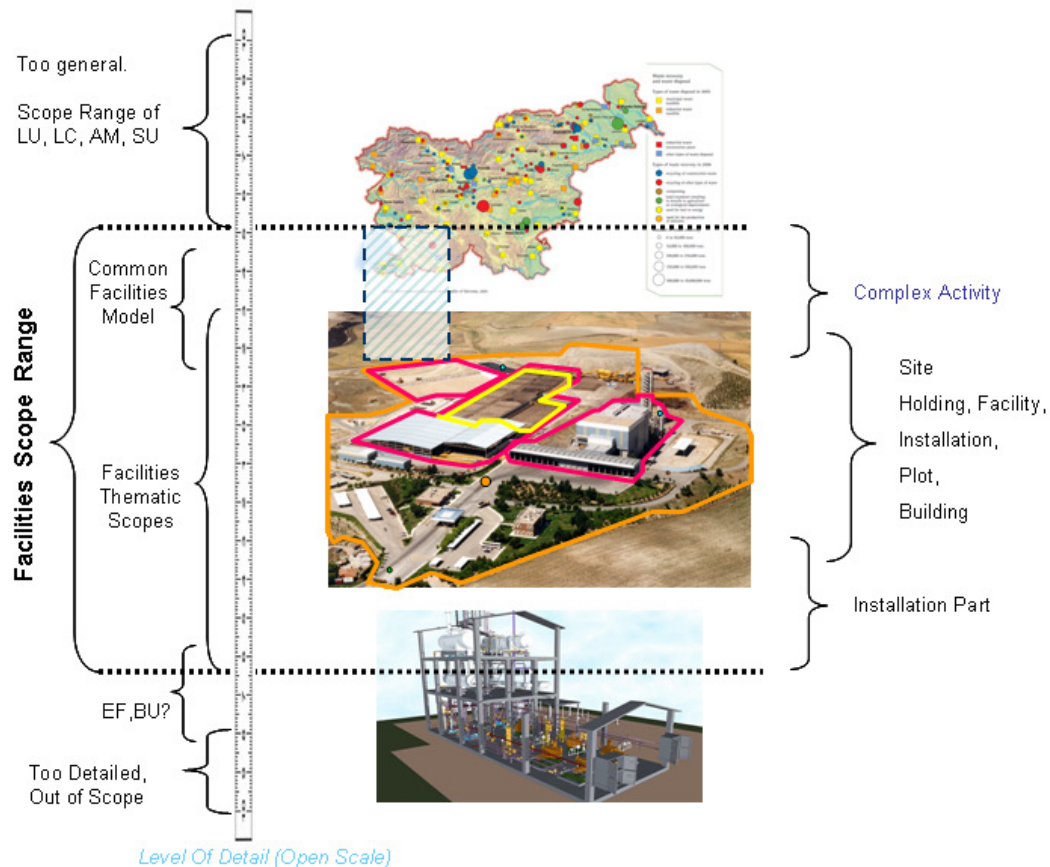
Facilities may be considered under INSPIRE scope if they meet with the following criteria:

- Information related with the Activities performed on them shall be provided for the use or the benefit of the public excluding strategic or private information not required by law. It can be used by other administrations or private companies as well.
- Based on the INSPIRE principles, the service can be used for environmental issues.
- Also, in order to full fill the requirements of the INSPIRE Directive, the information must be available as Digital Data.

Facilities related data, due to their nature and the wide scope covered, may be captured and served by different data providers at different levels of (mainly) the Public Administration. Due to this fact, it is expected that data will be stored at very different formats, scales and resolutions, covering different sub-sets of data, service types and different modeling approaches, depending on the concrete needs of their correspondent producers and target users.

The Geographical entities covered by the scope of Facilities cover a wide range of profiles and scales. In higher levels of the scale, geographical position is derived from tabular data, gazzeters or manual processing mostly based on Geographical Coordinates. Different Data Sets can follow parallel geo-reference processes to geo-locate same real world entities. In some cases there is no authomatic interconnection through identifiers to establish the connection among datasets which can difficult the merging process or generate duplications or overlaps.

VAT (or fiscal codes) should not be assigned directly to a facility, as the VAT code identifies a legal entity, rather than a spatial entity and it is subject to temporal variations.



**Figure 8 – Range of Scopes covered under “Facilities”**

It cannot be expected that a single set of requirements may be established in order to harmonize these theme's data sets. In consequence, just the following recommendations are proposed:

**Recommendation 30** Given that it is not expected that all of the available datasets are captured, produced and publicized by a single level of Public Administration Bodies and that it may happen that these bodies may be responsible for just one or several sub-sets of data, not necessarily categorizing the Activities following the NACE Code List, data should be transformed in such a way that at least the main class of the model (linked with Activity Complex) should be categorized by at least one of the Activities listed within the NACE Code List.

**Recommendation 31** If the current thematic Legislative Act fix certain parameters for accuracy in the Geographical location of the entities (Geographical Coordinates), these should be considered as the minimum level of accuracy under INSPIRE (e.g. *Location of the Holding* under REGULATION (EC) No 1166/2008)

**Recommendation 32** In order to fill the previous recommendation, datasets should be built by setting different layers for each of the main Activities covered (higher level of categorization following the NACE List).

**Recommendation 33** In order to minimize the risk of geometrical and positional incoherence between different datasets Economical Activities, when data about an instance is located by means of GM\_Object, it is recommended to choose GM\_Point as default.

**Recommendation 34** When data about an instance of Economical Activities is located by means of a point or an address geo-location, this should correspond to the main access point to the space where the service is provided from. Only contrasted geo-located locations against the reality should be provided in order to avoid errors and misunderstandings.

**Recommendation 35** Sets the requirement that point representation areas always must be inside the contour of the real world entity that is describing.

