

ELISE

European

Location

Interoperability

Solutions for

E-Government

Energy & Location webinar INSPIRE 2020 Online Conference

The EPC4EU data model: a building block for the harmonisation and the interoperability of EPC (Energy Performance Certificates) databases across Europe

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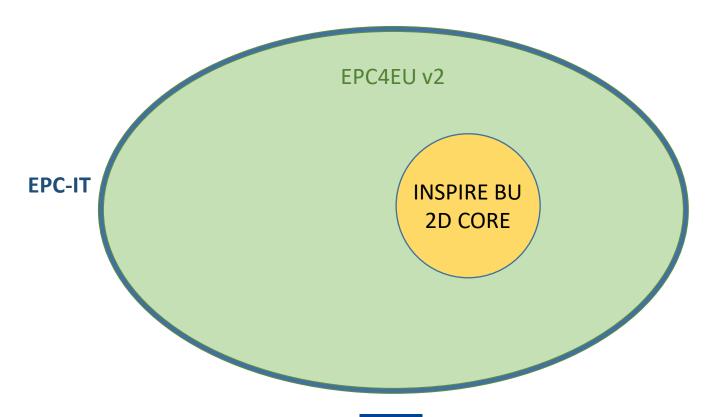


ELISE Energy & Location Applications

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The starting point for EPC4EU: INSPIRE Harmonisation of EPC datasets in Italy



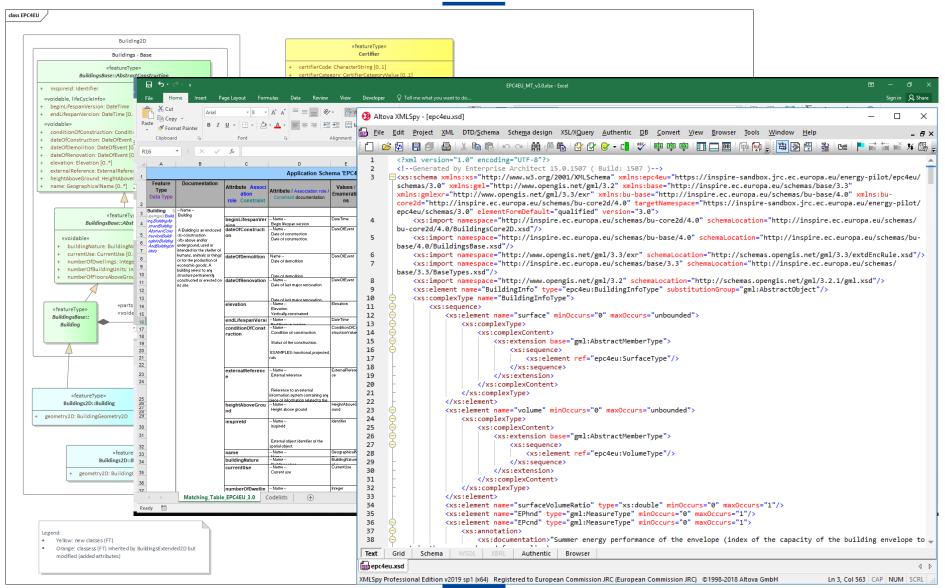


Use case "EPC-ES" - INSPIRE Harmonisation of Energy Performance Certificates of buildings datasets in Spain

Methodology:

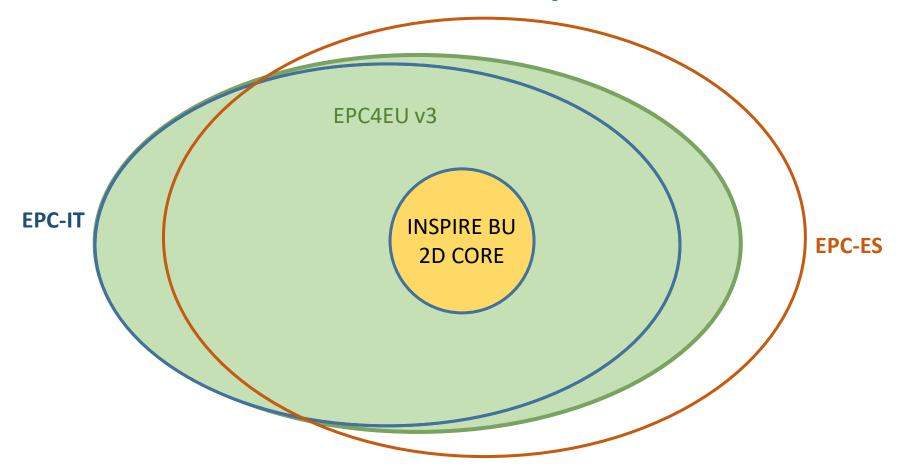
- Analysis of source data model, Spanish EPC Data Model (pdf and xsd).
- Analysis of the EPC4EU target data model (UML, mapping table and xsd).
- Mapping of the source data model against the EPC4EU target data model, filling-in the related mapping table.
- Identification of missing attributes required to properly map the core information present in the Spanish EPC Data Model (additional information was not taken into consideration). At the same time, improvement and bug fixes of the target data model.
- Generation of a new target data model version → EPC4EU v3.0
 - UML conceptual schema
 - Mapping table
 - XSD application schema
- Harmonisation of a sample data (EREN)





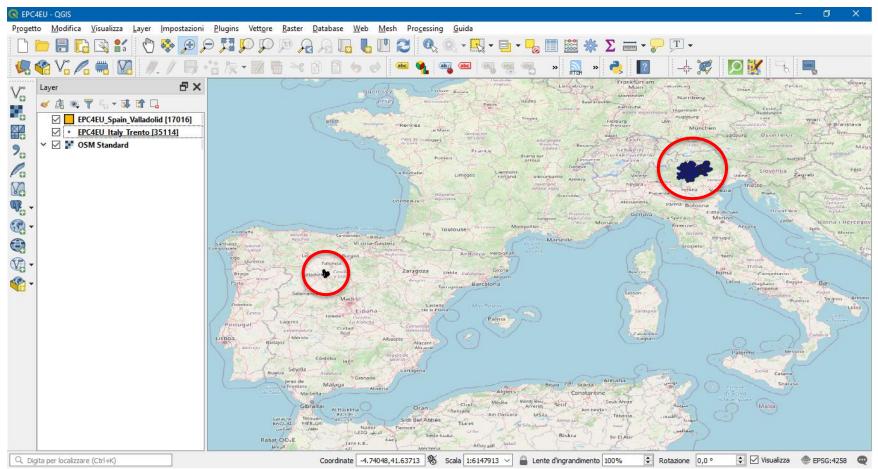


The intermediate point for EPC4EU: INSPIRE Harmonisation of EPC datasets in Spain



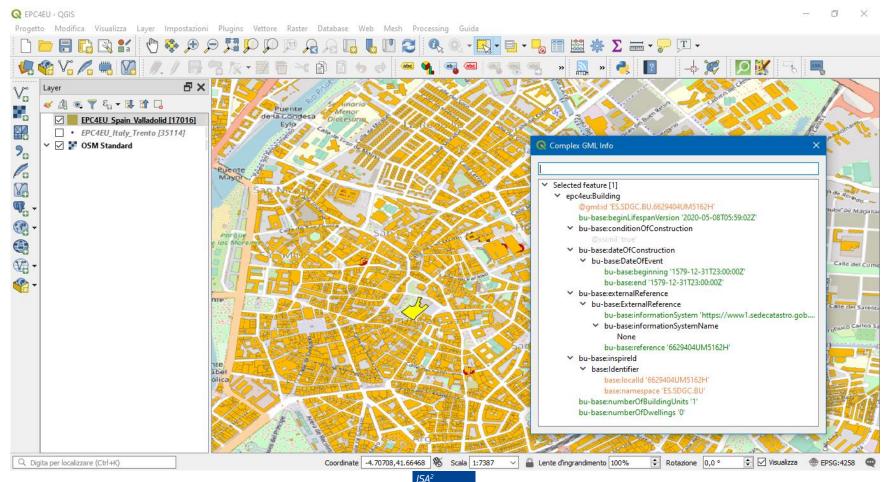


INSPIRE Harmonisation of Energy Performance Certificates of buldings datasets in Italy and Spain



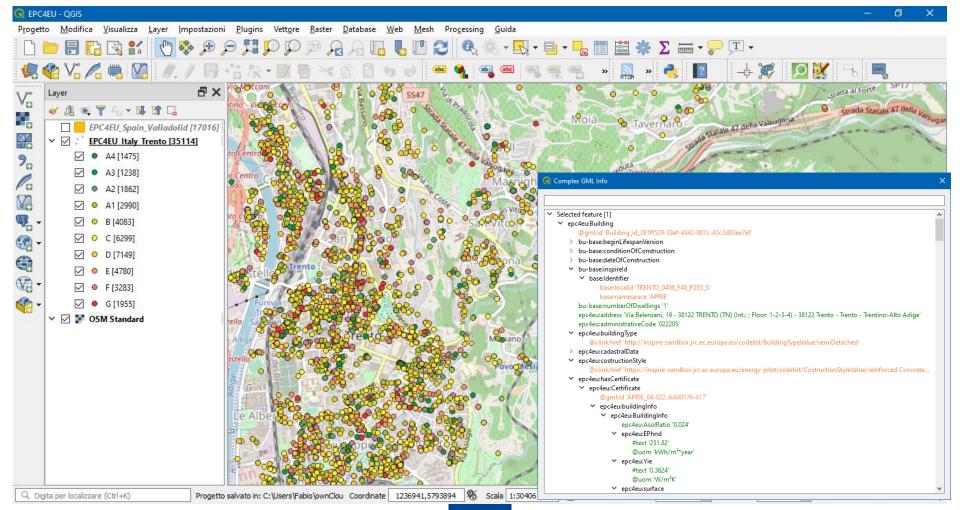


INSPIRE Harmonisation of Energy Performance Certificates of buldings datasets in Spain



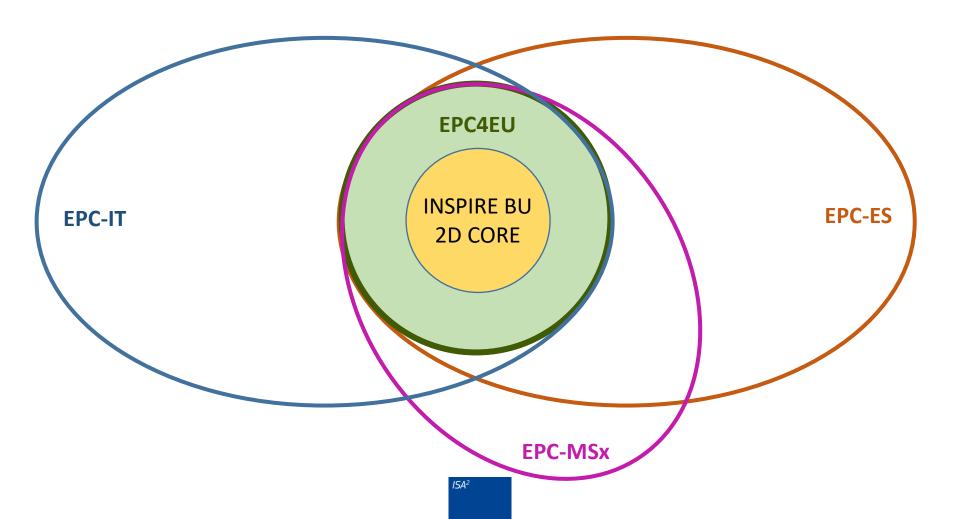


INSPIRE Harmonisation of Energy Performance Certificates of buldings datasets in Italy





The next point: extension to other MSs







Questions?

Want to know more?

ELISE

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