

<u>ELISE</u>

European

Location

Interoperability

Solutions for

E-Government

Energy & Location webinar INSPIRE 2020 Online Conference

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Interoperability of SECAP (Sustainable Energy and Climate Action Plan) data



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ELISE Energy & Location Applications



Use case "CoM" - Interoperability of SECAP (Sustainable Energy and Climate Action Plan) data

- This use case aims to show the benefits of harmonising and improving the usability of the data contained in the Sustainable Energy Action Plans produced by the Local Authorities signatories of the Covenant of Mayors, to better support the coordination of energy policies at local level.
- The methodologies developed in the use case is being tested with the 70+ SECAPs produced by Local Authorities of the Autonomous Province of Trento and will support APRIE in its role of coordinator of the energy policies at provincial level.



Use case "CoM" - Interoperability of SECAP (Sustainable Energy and Climate Action Plan) data

Methodology:

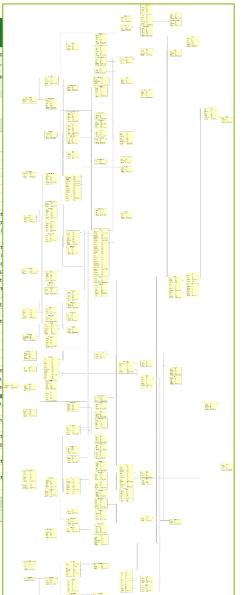
- Analysis of source data model, tables extracted from CoM database and from complete DB structure (data restricted to municipalities coordinated by Province of Trento).
- Analysis of the INSPIRE reference target data model (Area Management/Restriction/Regulation Zones and Reporting Units).
- Extension of the INSPIRE AM data model, containing feature types and attributes needed to map all the information present in the SECAP
- Transformation of a sample data (Province of Trento) according to the INSPIRE AM extended target data model
- Publication of the sample transformed data as WFS direct access download service and WMS



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Main tables extracted from CoM DB



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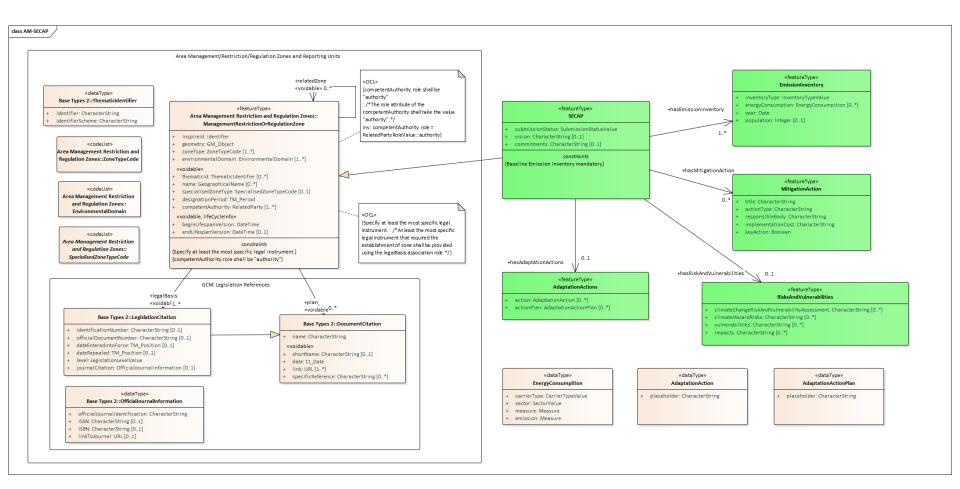
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CoM DB structure

ISA²



INSPIRE AM extended target data model – AM-SECAP (draft) – UML conceptual schema



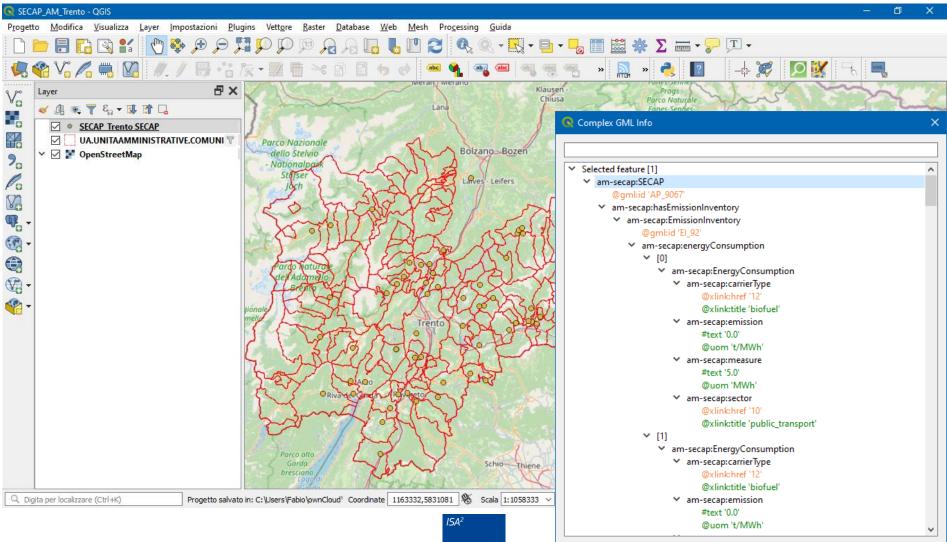


Example of SECAP data harmonisation

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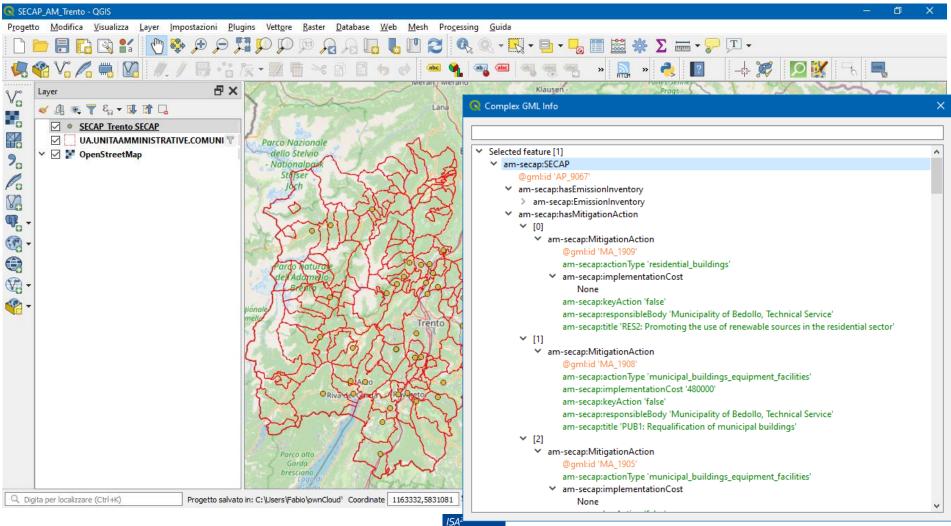


Example of SECAP data usability





Example of SECAP data usability







Questions?

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ISA² supports a large range of <u>actions</u> and <u>solutions</u>. The ISA² solutions can be used free of charge and are open source when related to IT.

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