

BUILDINGS ENERGY SAVING POTENTIAL AND RENEWABLE ENERGY SOURCES:

how to save energy and use the local available renewable energy sources in the building sector?

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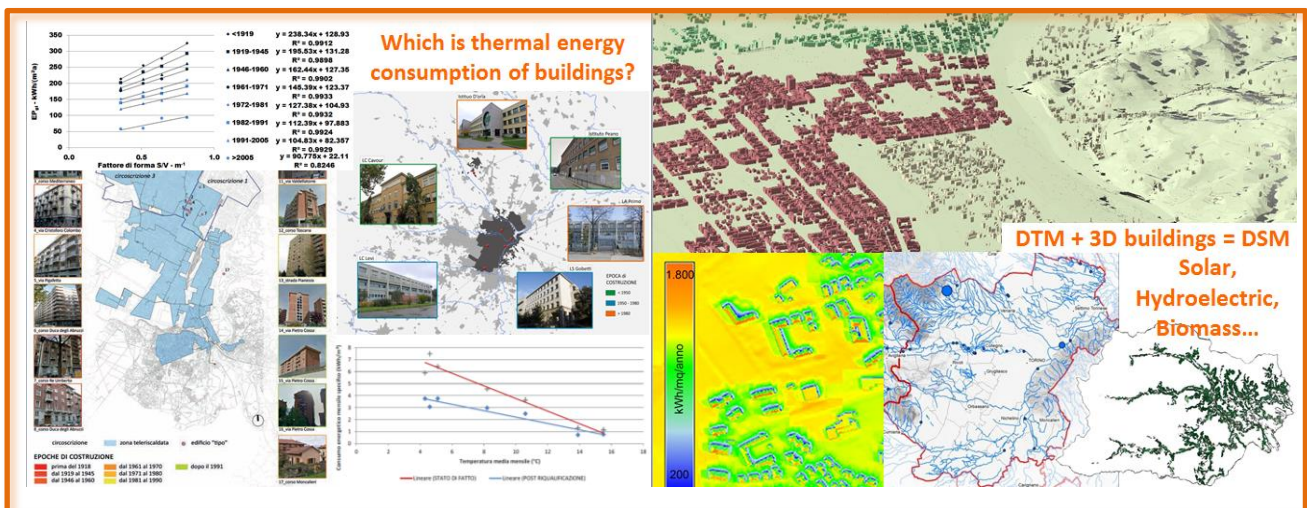
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GENERAL ISSUES

- In high populated places there is a close correlation between the choices of **spatial planning** and the use of **renewable energies** and **energy saving strategies**.
- The use of energy, the buildings' form and the public urban areas in our cities could be crucial for a **sustainable urban environment**.
- The implementation of spatial information through **GIS tools** can be important to manage energy demand changes and maximize the energetic potential of the territory.

ACTIVITIES

Thermal energy consumption models and evaluation of the available renewable energy sources



OPEN POINT QUESTIONS AND PROJECT IDEAS

- Are **energy consumption model** depending by other variables?
Or is sufficient to consider only buildings characteristics?
- Is **energy saving and renewable energy technologies' use** influenced by socio-economic factors?
- Which are **priority actions**? Energy savings or renewable energy technologies?
- Which is the influence of the **urban form** on energy consumption?

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