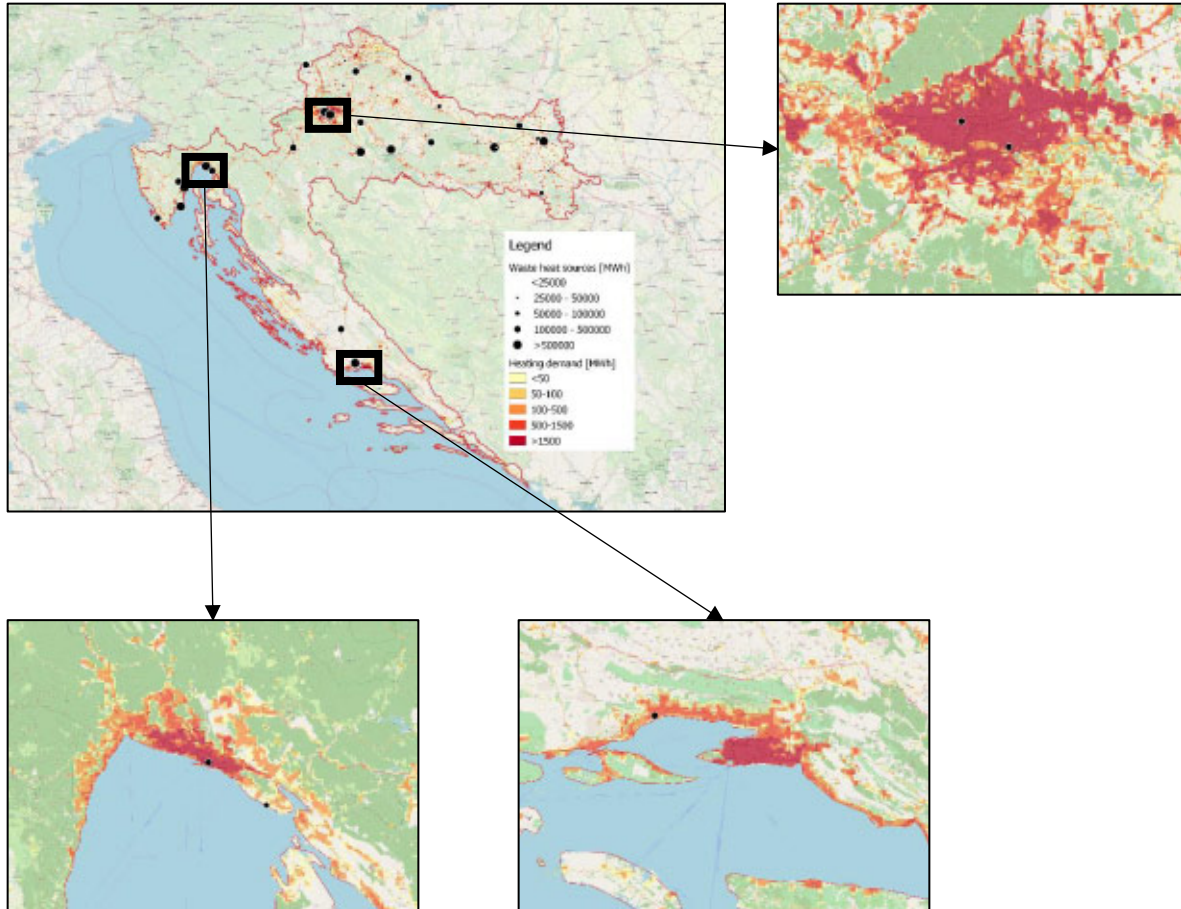


Spatial correlation of heating supply and demand – GIS mapping for Energy planning

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Method

- Top down energy demand and supply mapping using national, county and municipal data;
- Spatial distribution using CORINE land cover maps and population density maps;
- Calibration and validation of the heat demand using a bottom up map for the city of Zagreb;
- Potential supply including waste heat from industry and energy as well as biomass and agricultural residues.

Results

- Energy atlas of Croatia
- Includes heating, cooling, electricity and DHW demand as well as potential waste heat, biomass residue and agriculture residue supply

The energy atlas is available online on the following link:

<https://qgiscloud.com/tnovosei/RESFLEX/>

