



2050

Heat Roadmap Europe

A low-carbon heating and cooling strategy

NEW PATHWAYS TOWARDS ENERGY EFFICIENCY

OF PROVINCE OF TREVISO

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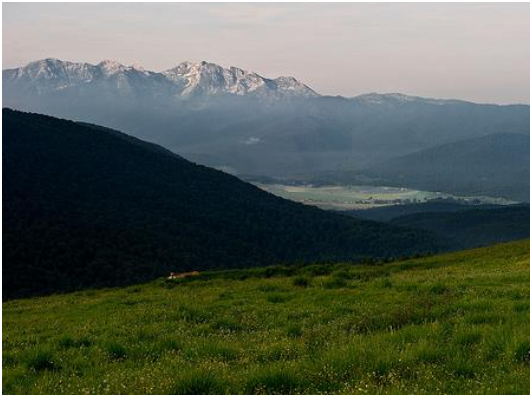
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Treviso: where is it?



The province of Treviso in pictures



Alpine landscape near Mt . Cesen



The Sile river crossing the city of Treviso



Treviso – Piazza dei Signori



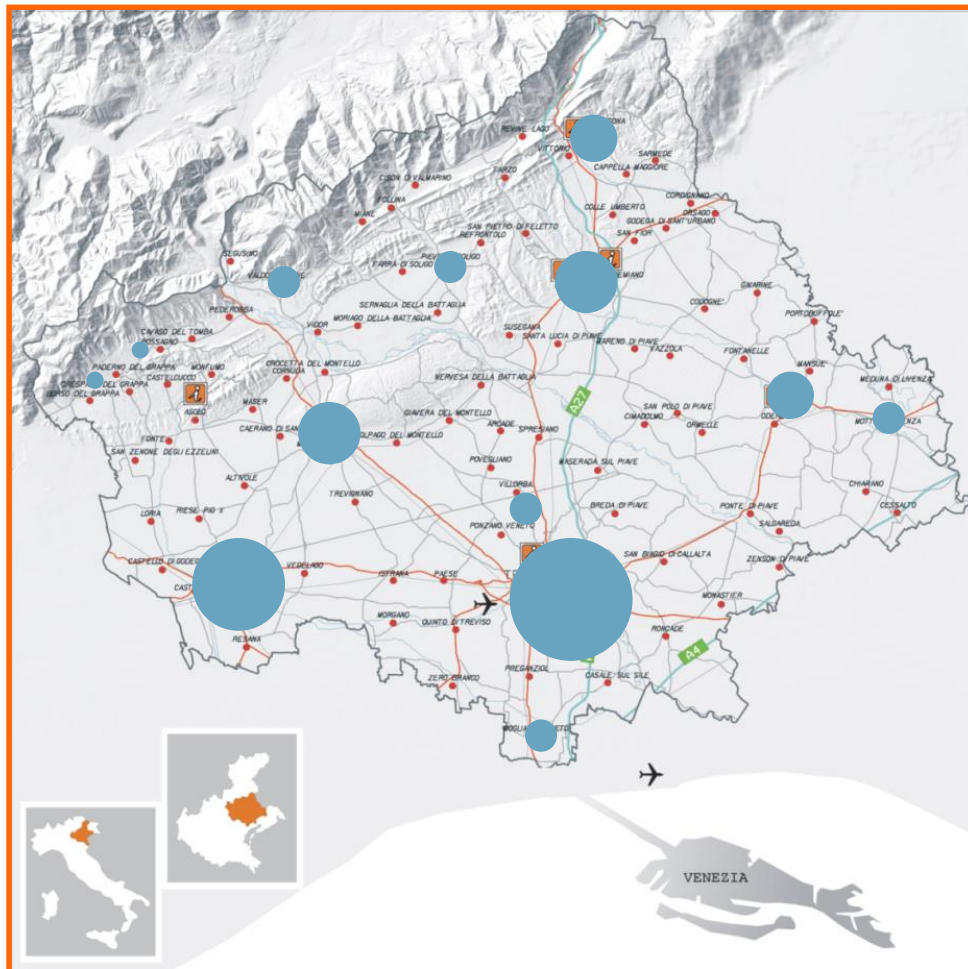
Prosecco Vineyards



Asolo and its Castle (La Rocca)



Province of Treviso in figures



Inhabitants: 888.249

Surface: 2.476,68 kmq

Density: 358,65 ab/kmq

17th most populated province in Italy and 14th more densely populated

95 municipalities



The Province of Treviso's building stock profile

The Province of Treviso's building stock profile					
Typology	Buildings	Surface	Thermal energy [GWh/year] 2009/2010	Thermal energy [GWh/year] 2014/2015	Users
School buildings	132	454,00	34.5	25.0	41,000
Institutional buildings	18	24,600	2.5	1.8	600
Total	150	478,600	37.0	26.8	41,600



Provinces in Italy, among other things, are in charge of buildings for the Higher Secondary Education (14 to 18 yrs.)

The school buildings belong to **41 schools**, disseminated in **13 municipalities of the Province of Treviso**.

The institutional buildings are concentrated in the complex of the new headquarters of the Province and in few peripheral buildings



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TOGETHER

TOWARDS a Goal of Efficiency THROUGH Energy Reduction



- The availability of high-resolution & real-time data on energy consumption (both thermal and electric) was considered a key factor for success.
- A smart metering system and dashboard displays have been installed in each school building to provide users with real-time evidence of the energy consumption level
- Energy metering provides feedback to users on the effectiveness of their actions, and measurement of overall results.

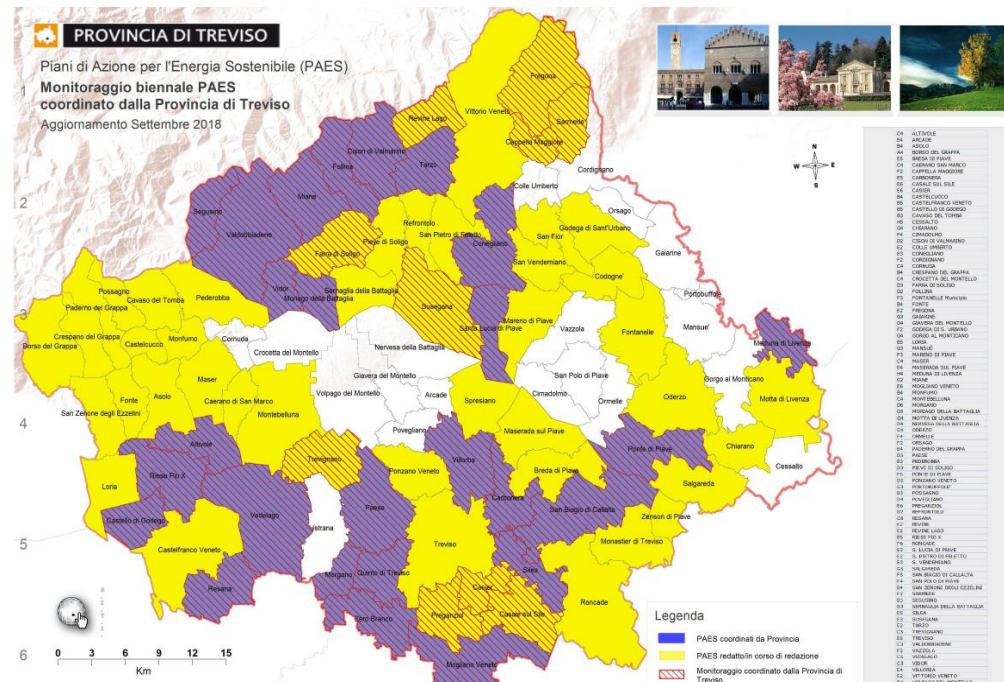


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The Province of Treviso and the Covenant of Mayors

The Province of Treviso is the coordinator of 22 municipalities participating in the Covenant of Mayors (CoM) and, as Single Contracting Authority, it is willing to transfer to these municipalities the integrated approach for building management tested with the Green School project, in order to define a single EPC for the buildings of the Province and of the municipalities.



Thank you!



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