



Green Schools Living Lab Province of Treviso Treviso (Italy)





Province of Treviso in figures

Inhabitants: **888.249**

Surface: 2.476,68 sqkm

Density: 358,65 inhab/sqkm

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

95 municipalities

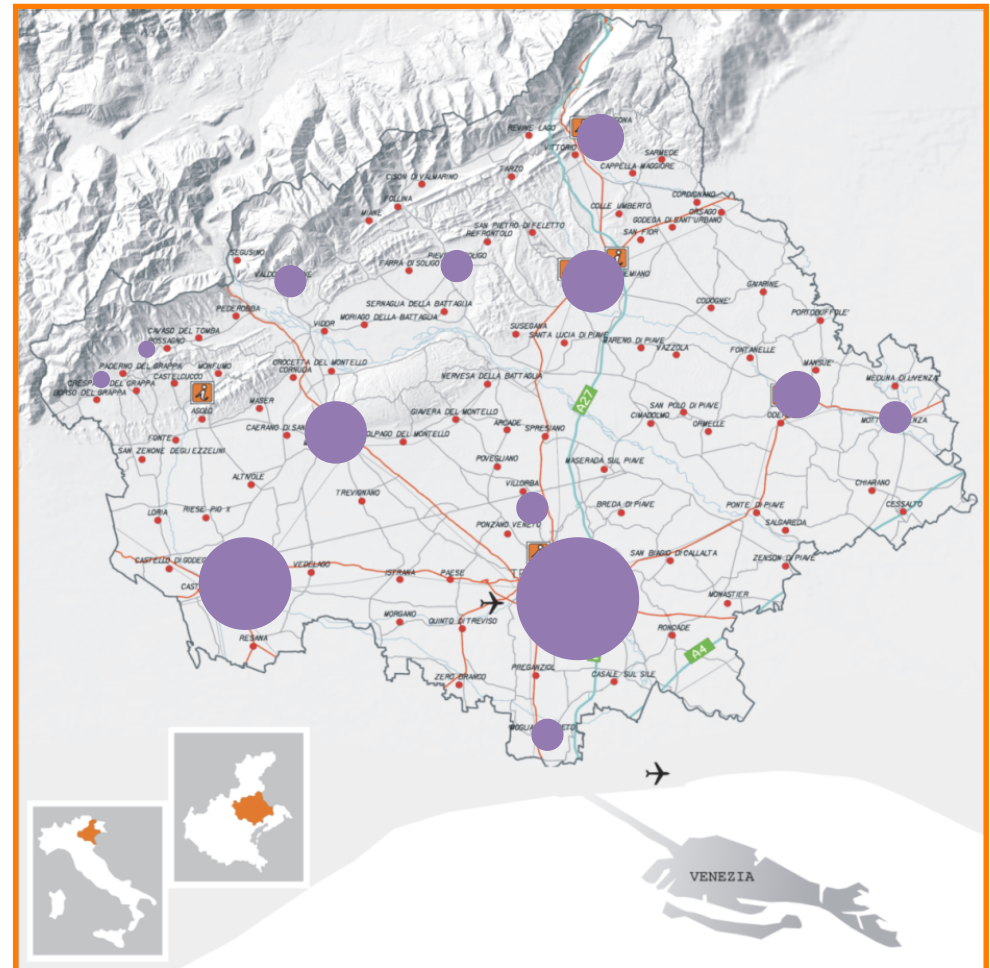
Provinces in Italy, among other things, are
in charge of buildings for the Higher
Secondary Education (14 to 18 yrs.)

37.000 students

110 buildings

**Making School Buildings more
sustainable is now a priority, as it allows**

- More efficient public expenditure
- Air pollution reduction



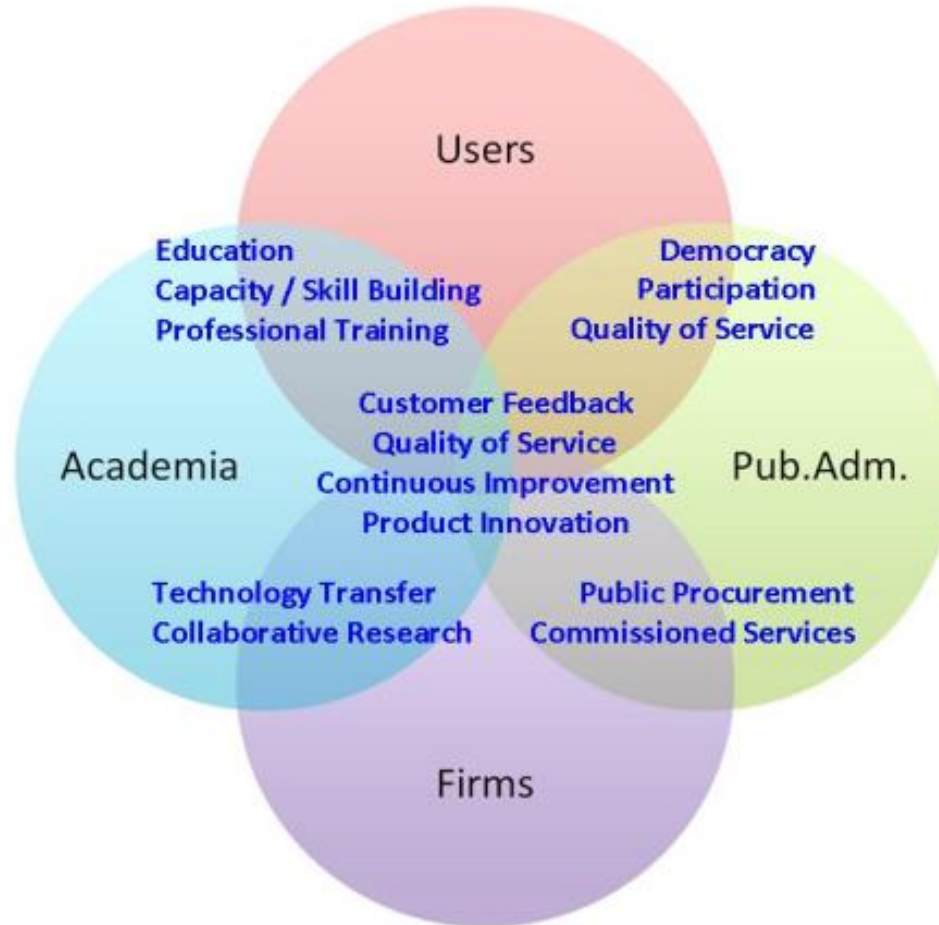
Where does Green Schools come from?

The Living Lab Green Schools was born out of the renovation process undertaken by the Province of Treviso in the management of the secondary schools building estate, made up of 38 schools using more than 100 buildings, with a view to get a deep knowledge of the school estate and **involve users in the management process** while raising their awareness about energy saving, the use of the common good and the shared space.

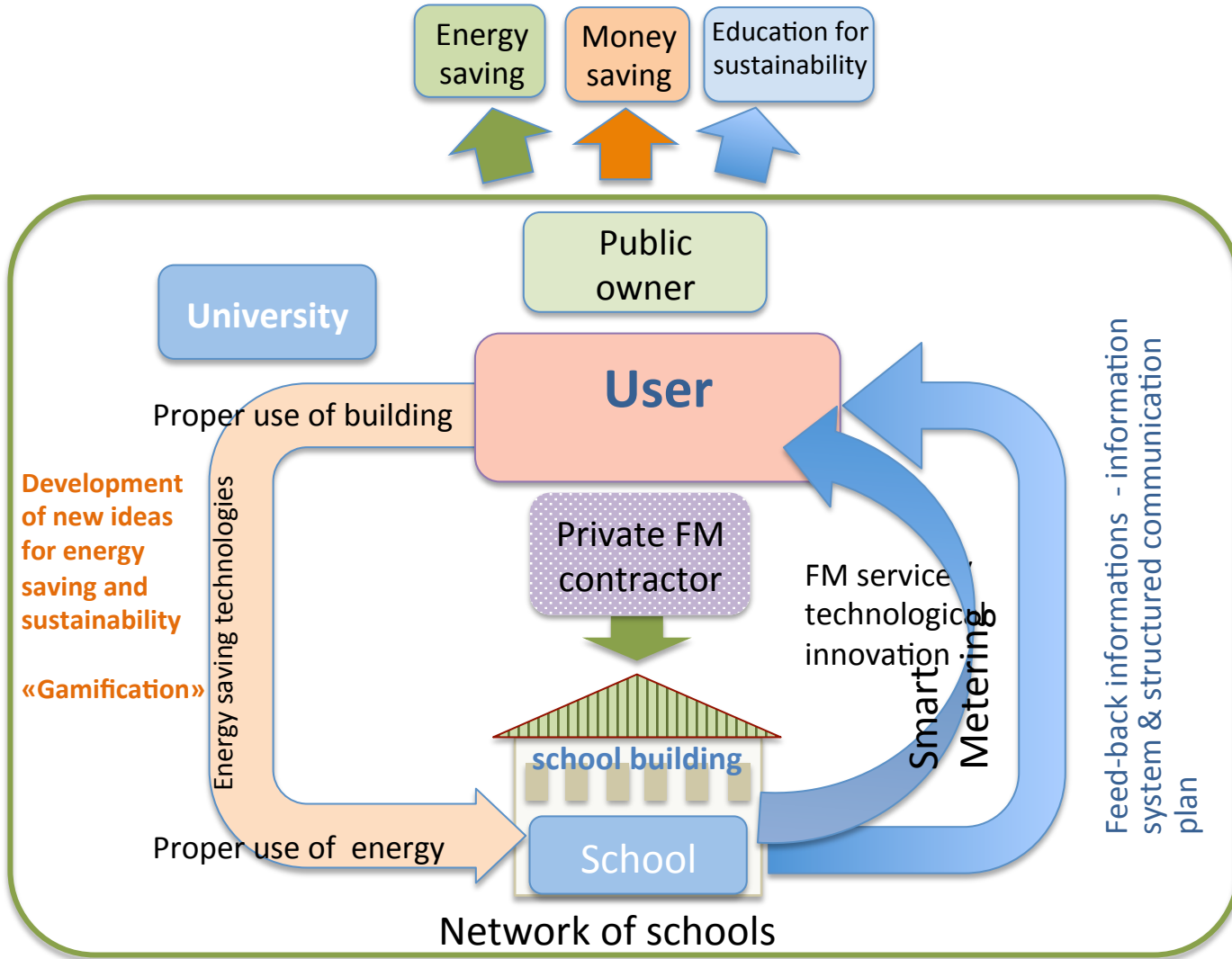
The goals

The LL Green Schools of the Province of Treviso aims therefore at **changing users' behaviour** to foster energy saving. In order to achieve this goal Green Schools uses the management of the school building as a model in which the user/student/teacher can actively participate thanks to the IT tools used for the managing activities, which are accessible through a web portal (www.100scuole.it). Thus, Green Schools is an answer to the need of **reducing the cost for buildings operation and maintenance through a reduction of energy consumption and through a rational and conscious use of the common good.**

The general pattern

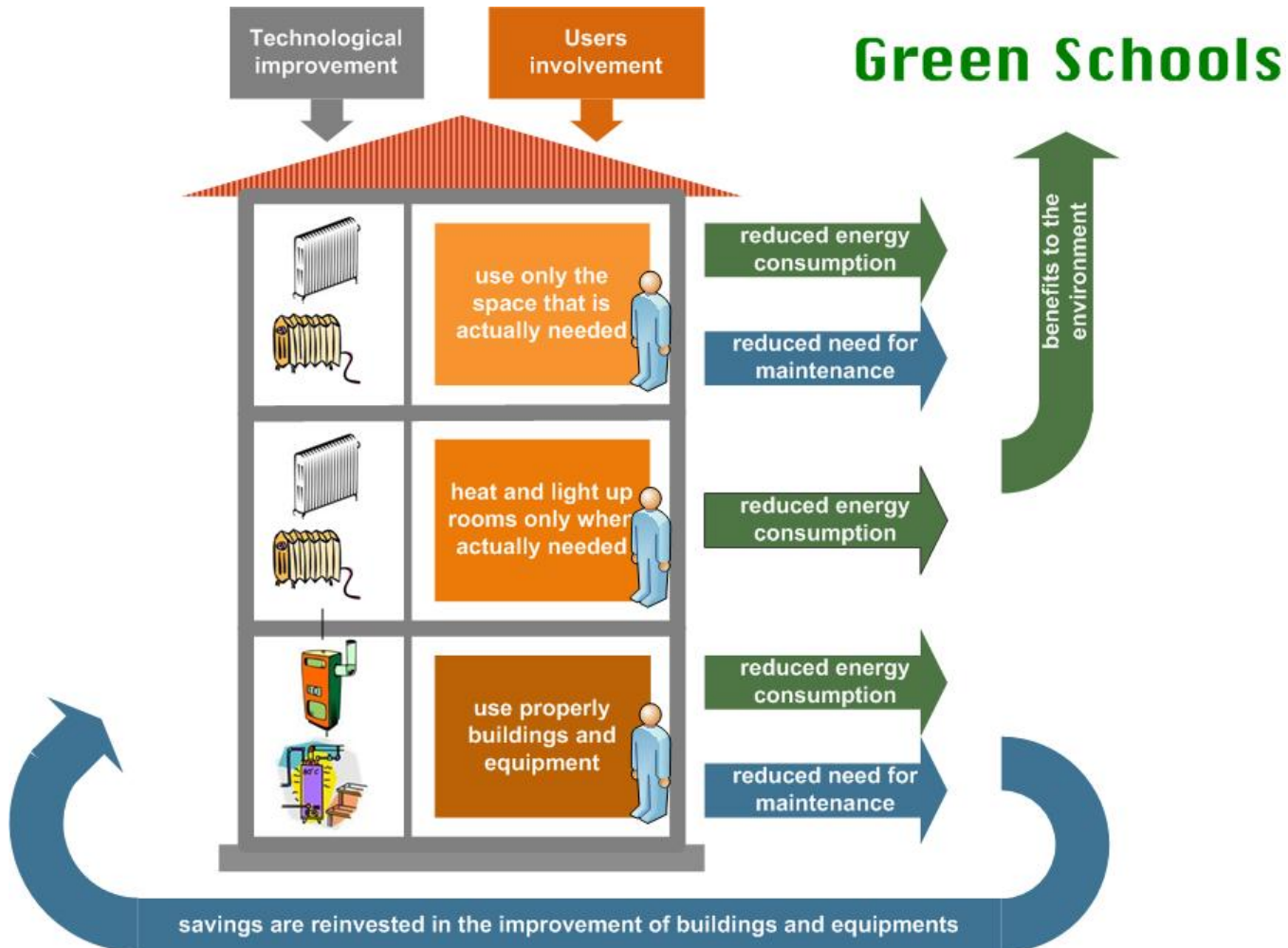


The specific pattern





The final sustainability pattern



R&D&I Matchmaking Interests

Our General Interest Themes:



EURO-6

MEETING NEW SOCIETAL NEEDS BY USING EMERGING TECHNOLOGIES IN THE PUBLIC SECTOR

EE-10-2015: Consumer engagement for sustainable energy - **Partner**

EE-05-2015: Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation - **Partner**

SCC Smart Cities and Communities

SCC-03-2015: Development of system standards for smart cities and communities solutions - **Partner**

SCC-01-2015: Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects - **Partner**



Thank You!

R&D&I Interest /Contact Info, for all calls:

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EE-10-2015: Consumer engagement for sustainable energy, as Partner

EE-05-2015: Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation, as Partner

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