

Replicable Practices Dolomites: ITALY

EPCs in the Dolomites

Within the 3L Project (Less Energy, Less Costs, Less Impact), 29 Municipalities of the Belluno province will be able to energetically redevelop 60 buildings and 17,000 street lighting points, as well as 10 technical institutes and hotel schools.

Edison Facility Solutions SpA, offered over € 11 million of investment, of which € 7 million for municipal buildings and just over € 4 million reserved for provincial school buildings. The ESCo guarantees 52% of overall energy savings, of which 5%, just under 90,000 €. At the end of the contracts, in 15 years, 100% of the savings will be attributed to the consortium members.

Each municipality and the provincial administration pays to the ESCo a fee whose amount will be proportional to the energy savings actually achieved. If the actual savings are lower than the guaranteed one, the fee will be reduced by the amount of the missed saving. Just as at the end of each heating season, an energy saving higher than the guaranteed one is obtained, the economic equivalent of the energy saved will be divided 50/50 between the individual public bodies and the concessionaire.

7% of energy savings will be achieved through **insulation** of building envelopes, **35%** through the installation of eco-compatible systems and technologies. The remaining **8%** of the proposed energy savings will take place with the installation of **9 solar thermal systems, 4 heat pumps** for the production of domestic hot water and **24 photovoltaic systems for a total of 180 kW peak**.

More information on Dolomites

- <https://www.managenergy.eu/node/1014>



The municipalities and provincial administration's consumption will reduce by over **20 million kWh/year**, equal to **63 % of historical consumption**. This will amount to **€273,000 savings** which will lead to an immediate budget relief of **€ 314,000, equal to 10% of the historical energy costs** of buildings and street lighting.



PROSPECT+ fosters capacity building in regional and local authorities in order to finance and implement effective and efficient sustainable energy plans, including their proper monitoring and verification.
<https://www.h2020prospect.eu/>

