



ELENA Completed Project Factsheet Genova - Innovative Urban Sustainability (GEN-IUS)

Location of planned investments	The Project Development Services and the Investment Programme will be realised in the Metropolitan City of Genoa, Liguria Region, Italy. It comprises the City of Genoa (capital) and 26 participating Municipalities (within the Metropolitan Area of Genoa).
Final Beneficiary	Municipality of Genoa.
Final Beneficiary's address	9 Via Garibaldi 16124 Genoa Italy
Sector	Energy Efficiency in non-residential buildings and streetlighting
Total PDS costs	EUR 1,266,250.56
ELENA contribution	EUR 1,139,625.50
Project development services financed by ELENA	The ELENA PDU undertook stakeholder engagement, the technical and business case development and subcontracted external technical, financial and legal services to provide any necessary energy audits and to prepare the procurement and the design of the investments.
Description of ELENA operation	The Investment Programme was delivered through third party financing, by means of ESCOs that were selected through public procurement process. The investments will be implemented through the Energy Performance Contracts with guaranteed savings in place. The ESCOs are in charge of the investment as well as of the O&M issues throughout the EPC contracts.
Timeframe	January 2018– December 2021
Investment programme description	The investment programme plans to include: <ul style="list-style-type: none"> • Public buildings: insulation, heating system and indoor lighting for approx. 78 buildings. • Domotics: heating system and indoor lighting (same buildings as above) • Public street lighting: over 65 000 lampposts (all directly owned by the municipalities).
Investment in implementation phase	EUR 49,921,533.15
Results expected to be achieved	The total estimated contributions are: <ul style="list-style-type: none"> • RE generation – Annual total renewable energy generation by 0.34 GWh_{th} • Energy Efficiency – Annual total savings in the final energy consumption of 45 GWh • CO₂ reductions – Annual total emission reductions of 18 000 t CO₂ eq.

Leverage factor achieved	43.8
Lessons learnt	Enables Municipalities to exchange experience help and learn from each other. The ELENA support contributes to a significant increase in expenditure in the priority activities of energy efficiency, public lighting and district heating areas and thus contributes to implementing regional and national objectives in this sector.
Further information sources	n/a
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