



ELENA Project Factsheet
GENova – Innovative Urban Sustainability
(GEN-IUS)

Location	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).
Beneficiary	Municipality of Genoa.
CoM signatory	YES: Metropolitan City (2009), Municipality of Genova (2009), other municipalities (ranging from 2009 to 2013).
Sector	Energy efficiency and domotics in buildings, public lighting and district heating
Total PDS cost	EUR 1 441 750
ELENA contribution	EUR 1 297 575
Project Development Services (PDS) financed by ELENA	The ELENA PDU will undertake stakeholder engagement, the technical and business case development and will subcontract external technical, financial and legal services to provide any necessary energy audits and to prepare the procurement and the design of the investments.
PDS Timeframe	The ELENA support is planned to be carried out between December 2017 – November 2020
Investment programme description	<p>The investment programme plans to include:</p> <ul style="list-style-type: none"> • Public buildings: insulation, heating system and indoor lighting (schools, offices, museums, libraries, etc.) for approx. 250 buildings • Domotics: heating system and indoor lighting (same buildings as above) • Public street lighting: over 18,000 lampposts (all directly owned by the municipalities) • District heating
Investment to be mobilized	The total amount of eligible investment is estimated at EUR 39m

Description of the approach to implement the Investment Programme	The Investment Programme will be delivered through third party financing, by means of ESCOs to be selected through public procurement process. The investments will be implemented through the Energy Performance Contracts with guaranteed savings in place. The ESCOs will therefore be in charge of the investment as well as of the O&M issues throughout the EPC contracts.
Expected results	The total estimated contributions are: <ul style="list-style-type: none"> • RE generation – Annual total renewable energy generation by 2.25 GWh_{th} • Energy Efficiency – Annual total savings in the final energy consumption of 20 GWh_{el} and 14.64 GWh_{th} • CO₂ reductions – Annual total emission reductions of 9,300 t CO₂ eq.
Leverage factor (Minimum 20)	30
Market replication potential	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.
Status	Contract signed on 06/12/2017
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