



ELENA Completed Project Factsheet

Azioni Metropolitane inter Comunali per l'Ambiente e l'Energia (AMICAE)

Location	Italy, Metropolitan City of Venice – previously the Province of Venice, Veneto Region, Italy
Beneficiary	Metropolitan City of Venice – previously the Province of Venice
CoM signatory	Yes
Sector	Energy Efficiency in Public Buildings and Public Street Lighting
Total PDS costs	EUR 790,239
ELENA contribution	EUR 711,215
Project development services financed by ELENA	<p>The ELENA technical assistance contributed EUR 711,215 towards the following activities:</p> <ul style="list-style-type: none"> - Technical assessment, inventory, and energy audits - Public procurement and tendering - ESCO contract negotiation - Financial and legal advice - Project management
Description of ELENA operation	<p>The Metropolitan City of Venice established a core project implementation unit (PIU) to liaise with the individual investment projects in terms of determining the scope and preparing the procurement procedures. The PIU also contracted and supervised external experts providing technical, financial, and legal advice. A large part of the project was dedicated to preparing and negotiating ESCO contracts.</p>
Timeframe	January 2016 – December 2019
Basis for investment identification	<p>The Metropolitan City of Venice (MCV) is the co-ordinator of 44 municipalities in the area for activities under the Covenant of Mayors framework, including the preparation and implementation of Sustainable Energy Action Plans (SEAPs). MCV created the 202020 Project Group as a vehicle to deliver many of the foreseen activities of the SEAPs.</p>
Investment programme description	<p>By the end of the ELENA project, a total of 4 large energy services contracts were concluded, some comprising several lots, for the following sectors:</p> <ul style="list-style-type: none"> • Energy Efficiency in Public Buildings – investment of EUR 17.4m, covering a total of 123 buildings and envisaging comprehensive rehabilitation across the building envelope, HVAC (heating, ventilation and air-conditioning), interior lighting, refrigeration (where

	<p>applicable) and some integrated renewable systems (solar PV and solar thermal).</p> <ul style="list-style-type: none"> • Energy Efficiency in Street Lighting - investment of EUR 25.4m, covering a total of 39,000 luminaries and envisaging comprehensive rehabilitation from substitution with LEDs, replacement of old poles and cabinets, and wires, to installing smart and adaptive controls.
Investment in implementation phase	EUR 42,8m
Results expected to be achieved	<p>Energy savings - 25 GWh per annum CO₂ reductions – 6,362 tCO₂eq per annum Job creation – 185 FTE</p>
Leverage factor achieved	60
Lessons learnt	<p>The participating Municipalities fully appreciate the benefits of using PPP and EPC to manage their buildings and street lighting networks. Initial scepticism turned into enthusiasm and now with accumulated experience of the procedures more municipalities and a larger share of their assets are likely to apply the same approach.</p> <p>The Metropolitan City of Venice and its partners are considering the re-launch of the project using own funds as soon as these become available.</p>
Further information sources	https://amica-e.cittametropolitana.ve.it/
Contact person at Beneficiary	Mr. Massimo Gattolin massimo.gattolin@provincia.venezia.it