



ELENA Completed Project Factsheet

ME-L - Municipal Efficiency – Light (ME-L)

Location	Province of Verona Italy
Beneficiary	CEV – Consorzio Energia Veneto
CoM signatory	CEV – Consorzio Energia Veneto
Sector	Energy Efficiency and Renewable Energy
Total PDS costs	EUR 1,390,459.78
ELENA contribution	EUR 1,251,413.80
Project development services financed by ELENA	<p>The CEV coordinated the 1-2-1 meetings with the 30 municipalities (for the presentation of the initiative and the definition of the technical and financial characteristics of the scheme), the selection of energy auditors through either tendering or direct appointment, the auditing activities, the drafting of executive projects and the tendering and awarding/contracting to the ESCOs.</p> <p>Additionally, it has also covered the establishment of an ELENA Italian working group as well as dissemination activities (workshops with the municipalities, attendance to events, local and national press releases). .</p>
Description of ELENA operation	<p>Public street lighting (30 municipalities are concerned with some 36,000 light posts installed, average energy savings around 75%): works covered the substitution of the existing lightings with more efficient technologies. The ELENA grant financed the internal staff and the external experts hired by the central coordination body (CEV) to develop the documentation, audits and studies necessary up to the award of the individual investment projects to the implementing companies (ESCOs).</p>
Timeframe	August 2015 – August 2019
Basis for investment identification	Energy efficient renovation of street lighting, following related energy audits and surveys. Utilisation of publicly-procured ESCo contracts with minimum guaranteed saving levels.
Investment in implementation phase	EUR 27.88 m (30 contracts and 36,000 lighting points)
Results expected to be achieved	Realised investments in Energy Efficiency of Public Lighting are expected to achieve final energy savings of 14.63 GWh/year and to reduce GHG emissions by 4,022 tCO ₂ /eq per year.
Leverage factor achieved	22

Lessons learnt	<ul style="list-style-type: none">• Complexity in drafting the legal, financial and technical structure of the contracts within the boundary of Italian public procurement legislation• Scarce financial autonomy of the municipalities due to the Stability Pact (<i>Patto di Stabilita</i>)• Poor willingness to allocate equity funds for measures with long payback periods• Many Municipalities do not record, or often adopt rather arbitrary accounting systems of their O&M costs, leading to a lack of consumption data.• Importance of dissemination and best practice learning with other municipalities.
Further information sources	http://www.consorziocev.it/
Contact person at Beneficiary	Andrea Augusto Tasinato Consorzio CEV Sede legale e operative Via A. Pacinotti, 4 37135 Verona Tel. 045 8105097 Fax 045 8359618