



ELENA Project Factsheet

Municipal Efficiency – Light (ME – L)

Location	Italy
Beneficiary	Consorzio CEV
CoM signatory	No
Sector	Public lighting
Total PDS cost	EUR 1 462 800
Elena contribution	EUR 1 316 520
Project development services (PDS) financed by ELENA	The Elena assistance will support the development of energy-efficiency investments in public lighting in selected municipalities all being members of CEV.
Description of ELENA operation	<p>The main tasks include:</p> <ul style="list-style-type: none"> • Carry out inventory of street lighting for the municipalities • Develop municipal lighting plans • Develop retrofitting project • Support the municipalities in public procurement of an ESCO <p>CEV will recruit three additional staff members to implement these activities in combination with external experts.</p>
Timeframe	July 2015 – June 2018
Basis for investment identification	Initial inventory studies among committed CEV members in combination with pilot projects
Investment programme description	Energy investment
Investment to be mobilized	<ul style="list-style-type: none"> - Replacement of obsolete and non-compliant lamps with high pressure sodium (HPS) or LED lamps. - Installation of flow regulators to adjust the luminous flux in certain hours of the night. - Installation of remote controlled systems. - Installation of other devices to improve the regulation of energy consumption (e.g. astronomical clock). - Other useful interventions (replacement of non-compliant lighting poles, electrical panels, etc.)
Expected results	Savings of 23.509 MWh electricity per year, corresponding to 11.355 tonnes CO ₂ year.
Leverage factor (Minimum 20)	39
Market replication potential	The market replication potential for other public entities is considered high as especially smaller municipalities may benefit from the proposed approach. This will apply to both the other members of CEV but also to non-members that may be replicating the same approach.
Project status	Contract signed 24.07.2015
Contact person at Beneficiary	Mr. Luciano Zerbaro info@consorziocev.it +39 045 8105097