



### Less energy, Less cost, Less impact (Progetto 3L)

Location	Provinces of Padova and Rovigo, Veneto Region (Italy).						
Beneficiary	Provincia di Padova						
CoM signatory	Yes						
Sector	Energy Efficiency and Renewable Energy						
Total PDS cost	EUR 2 176 522						
Elena contribution	EUR 1 958 870						
Project development services (PDS) financed by ELENA	<p>The ELENA support will include the following activities:</p> <ul style="list-style-type: none"> <li>• Financial intermediary selection</li> <li>• Building and street lighting audits</li> <li>• Development of tender documents</li> <li>• Tenders implementation</li> <li>• Supervision and implementation of works</li> <li>• Monitoring and auditing of projects</li> </ul>						
Description of ELENA operation	<p>The Province of Padova, in close cooperation with the Province of Rovigo and the municipalities of Padova and Rovigo, will provide support to municipalities to prepare joint calls for tenders and to negotiate the terms of the contracts for the individual sub-projects with ESCOs. Joint tenders will then be launched leading to separate contracts with the individual municipalities. The Province of Padova will establish a project Implementation Unit by recruiting 4 new members of staff. In addition, external expertise will be required for energy audits, legal, economic and engineering support in the tendering processes and monitoring of the projects.</p>						
Timeframe	2013-2016						
Basis for investment identification	The investment programme has been prepared on the basis of information provided by local and regional authorities in the two provinces. All measures proposed by municipalities are or will be included in their SEAP.						
Investment programme description	<p>The investment programme will focus on the following sectors:</p> <ul style="list-style-type: none"> <li>• Energy efficiency in buildings (646, mainly schools, sports facilities and offices).</li> <li>• Energy efficiency for street lighting systems (38 municipalities)</li> <li>• The district heat network of the municipality of Este will be further extended to connect 10 public buildings after their EE renovation (5 schools, 4 sport facilities, the city hall and a public office) as well as other private users. The DH system is currently supplied by heat from renewable energy and high efficient CHP using natural gas and an additional high-efficient CHP plant will be constructed to supply the extended DH network.</li> </ul>						
Investment to be mobilized	60.4 million €						
Expected results	<table> <tr> <td>Energy Savings</td> <td>53 000</td> <td>MWh/year</td> </tr> <tr> <td>High-efficient energy from CHP</td> <td>17 000</td> <td>MWh/year</td> </tr> </table>	Energy Savings	53 000	MWh/year	High-efficient energy from CHP	17 000	MWh/year
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Leverage factor (Minimum 20)	31						
Market replication potential	The market replication potential for other Italian regions is considered high, notably the use of ESCOs for energy efficiency projects.						
Project status	Signed 23.10.2013						
Contact person at Beneficiary	<p>Dott. ssa Jelena Andrijevic 049 8201104 <a href="mailto:presidente@provincia.padova.it">presidente@provincia.padova.it</a></p>						