



## ELENA Completed Project Factsheet

### Fuensanta

<b>Location</b>	Murcia region, Spain
<b>Beneficiary</b>	INFO, Instituto de Fomento de la Región de Murcia
<b>CoM signatory</b>	No
<b>Sector</b>	Energy Efficiency and Renewable Energy
<b>Total PDS costs</b>	EUR 1 767 769
<b>ELENA contribution</b>	EUR 703 091
<b>Project development services financed by ELENA</b>	<p>The ELENA technical assistance was used to support the development of the following activities:</p> <ul style="list-style-type: none"> <li>• Identification of potential energy savings</li> <li>• Energy audits, energy studies and feasibility analysis</li> <li>• Definition of the specific investment project</li> <li>• Financing tools identification, adapted to each investment project</li> <li>• Preparation of technical specifications and procurement administrative documents</li> <li>• Communication of the investment projects to the local councils</li> <li>• Evaluation of the technical bids.</li> </ul>
<b>Description of ELENA operation</b>	<p>INFO provided support to municipalities to prepare the calls for tenders and to negotiate the terms of the contracts for their individual sub-projects. The tenders were launched by the municipalities themselves with INFO support. For that purpose INFO establish a dedicated team responsible of ELENA activities, having recruited 8 new members of staff, including senior lawyer, economist and engineers, to support public entities in the preparation of projects and tender documentation. In addition, external expertise was also necessary for the development of energy audits and feasibility studies, to provide support in the tendering processes and monitoring of the projects.</p>
<b>Timeframe</b>	2013 - 2017
<b>Basis for investment identification</b>	The investment programme has been prepared on the basis of information previously provided by the municipalities of the Murcia region. All measures proposed by municipalities are included in their SEAP.
<b>Investment programme description</b>	<p>23 municipalities from the Murcia's region and other regional and local entities were involved in the project and in the development of energy efficiency and RES projects.</p> <p>The amounts invested for the 3 categories of energy investments, are:</p> <ul style="list-style-type: none"> <li>• Street lighting: EUR 25 844 650</li> <li>• Energy efficiency Public buildings: EUR 1 465 291</li> <li>• Renewables in public buildings: EUR 387 744</li> </ul> <p>More than 90% of the investment program that took place is related to energy efficiency projects in street lighting, being the remaining investments related to energy efficiency and renewable energy projects in public buildings.</p>

<b>Investment in implementation phase</b>	EUR 27 697 686
<b>Results expected to be achieved</b>	<ul style="list-style-type: none"> <li>• Energy savings: 26.86GWh/y</li> <li>• RE heat and electricity generation: 3.22GWh/y</li> <li>• CO<sub>2</sub> reduction: 9.697t/y</li> </ul>
<b>Leverage factor achieved</b>	39.39
<b>Lessons learnt</b>	<ul style="list-style-type: none"> <li>• The market replication potential for other Spanish municipalities and regions is considered high, notably the use of ESCOs for energy efficiency and renewable energy projects;</li> <li>• The decision making process related to the development of energy performance contracts is still unclear in the national frameworks, namely regarding the public procurement rules to be used;</li> <li>• Low energy demand in south European areas (due to limited energy consumption for heating and cooling) reduces the opportunity to develop integrated energy efficiency projects due to the high payback periods associated to buildings envelope energy efficiency measures;</li> <li>• Investments in street lighting are generally more attractive in terms of energy savings, return on investment and visibility when compared with investments on buildings;</li> <li>• Based on this experience, INFO will set up an energy team in the agency, which will be responsible to provide technical assistance to the Region of Murcia and local municipalities.</li> </ul>
<b>Further information sources</b>	<a href="http://www.institutofomentomurcia.es/web/portal/elena-fuensanta?inheritRedirect=true">http://www.institutofomentomurcia.es/web/portal/elena-fuensanta?inheritRedirect=true</a>
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