**ELENA Project Factsheet**

**Global Roadmap for Energy Efficiency and New Energy Resources in Extremadura (GREENER-EX)**

<table>
<thead>
<tr>
<th>Location</th>
<th>Extremadura Region, Spain</th>
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</thead>
<tbody>
<tr>
<td>Beneficiary</td>
<td>Extremadura Energy Agency (AGENEX)</td>
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<tr>
<td>CoM signatory</td>
<td>No</td>
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<tr>
<td>Sector</td>
<td>EE and RES in Buildings</td>
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<td></td>
<td>Street lighting</td>
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<tr>
<td></td>
<td>e-Mobility</td>
</tr>
<tr>
<td>Total PDS cost</td>
<td>EUR 1 397 144</td>
</tr>
<tr>
<td>Elena contribution</td>
<td>EUR 1 257 430 (90%)</td>
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</tbody>
</table>

**Project development services (PDS) financed by ELENA**

The project development services will support a large investment programme to improve the energy efficiency in street lighting and public buildings, as well as electrical transport to be implemented predominantly by ESCOs. The final beneficiaries include 163 municipalities, two county councils and the regional government. These entities will benefit from lower energy costs and new or renovated installations.

**Description of ELENA operation**

AGENEX will develop an investment programme focused on public buildings, biomass, street lighting and electric vehicles. The ELENA operation will support AGENEX in the first stages of project development.

AGENEX will, in close cooperation with regional and local authorities, develop and bundle investment projects and support public procurement. The final beneficiaries are public entities that will benefit from lower energy costs and new installations.

AGENEX will recruit 20 new members of staff to support the implementation of the project and in addition external legal, financial and technical expertise.

**Timeframe**

2014-2017

**Basis for investment identification**

The investment programme has been prepared on the basis of information provided by local and regional authorities.

**Investment programme description**

- Measures to improve EE and increase RES generation in 326 public buildings
- Realisation of three regional biomass collection centres
- Energy efficient street lighting systems in three municipalities
- Investments in e-mobility, including 26 charging points and 49 electric vehicles

**Investment to be mobilized**

46.5 MEUR

**Expected results**

- Renewable energy production: 23.5 GWh/year
- Energy-efficient street lighting: 23.0 GWh (saved)/year
- Energy-efficiency in buildings: 1.6 GWh (saved)/year
- Energy savings mobility: 4.3 GWh (saved)/year

**Leverage factor (Minimum 20)**

37

**Market replication potential**

The market replication potential for other Spanish regions is considered high, notably for street lighting projects, the use of biomass for heating, and the innovative bundling approach.

**Project status**

Contract signed 17.12.2014

**Contact person at Beneficiary**

Javier Ordóñez Muñoz