

# Technical Assistance – Project description

City of Santander



<i>Location</i>	Cantabria, Spain
<i>Beneficiary</i>	City of Santander
<i>Member of Covenant of Mayors Initiative</i>	✓
<i>Contribution</i>	EUR 452,560, is in the second pre-financing phase of the technical assistance contract
<i>Project development services financed by eeef</i>	<ul style="list-style-type: none"> <li>• Comprehensive inventory of the street lighting infrastructure</li> <li>• Energy audit of the municipal buildings</li> <li>• Master plan for the lighting strategy</li> <li>• Preparing and evaluating ESCO tender, procuring the legal advice to prepare the contract with the ESCO</li> <li>• Measuring and verifying savings with the establishment of a protocol to be applied in monitoring energy management</li> </ul>
<i>Timeframe for TA</i>	is envisaged to be completed by December 2014, started in February 2013
<i>Description of the envisaged investment programme</i>	<ul style="list-style-type: none"> <li>• The project is targeting the municipality outdoor lighting network (22.208 light points) and public buildings upgrades. In total there are 320 buildings although the interventions could be applied to 68 buildings where the energy consumption is higher in comparison to the rest.</li> </ul>
<i>Investment required</i>	Expected investment of EUR 9.1m as per TA request
<i>Expected results</i>	<ul style="list-style-type: none"> <li>• Energy savings to be achieved (kWh) : <ul style="list-style-type: none"> <li>- Public lighting: 5,968,000 kWh</li> <li>- Public buildings: 2,827,831 kWh</li> <li>Total: 8,795,831 kWh</li> </ul> </li> <li>• PV electricity production: 364,440 kWh</li> <li>• Greenhouse gas emissions reduced/avoided in CO<sub>2</sub>eq: <ul style="list-style-type: none"> <li>- Public lighting: 1,591,467 kg CO<sub>2</sub></li> <li>- Public buildings: 800,367 kg CO<sub>2</sub></li> <li>Total: 2,465,406 kg CO<sub>2</sub></li> </ul> </li> <li>• Jobs created/sustained: <ul style="list-style-type: none"> <li>- Analysis phase (1 year): 15 FTEs</li> <li>- Construction phase (1-2 years): 100 FTEs</li> <li>- Operation phase (10-15 years): 30 FTEs</li> </ul> </li> </ul>
<i>eeef's support for investment programme</i>	eeef targets to finance at least €5m from the total investment programme