

## Cabildo of La Palma



<i>Location</i>	Spain
<i>Beneficiary</i>	Cabildo of La Palma (Island Council of La Palma)
<i>Member of Covenant of Mayors Initiative</i>	All municipalities (14) and Cabildo of La Palma are attached to the Covenant of Mayor
<i>Contribution</i>	EUR 871,941
<i>Project development services financed by eef</i>	<ul style="list-style-type: none"> <li>• Technical analysis of the energy facilities used in the buildings and measure their energy parameters, estimate baseline consumption and propose relevant savings measures</li> <li>• The inventory of the outdoor public lighting will be conducted under IDAE (Spanish Energy Efficiency Agency) protocol to identify and propose savings measures</li> <li>• Preparation of the tender process for ESCO selection and outlining the contractual basis</li> <li>• Elaborate the Sustainable Urban Mobility Plan and provide a study to implement the charging points for electric cars</li> <li>• M&amp;V will be established in accordance with IPMVP</li> </ul>
<i>Timeframe for TA</i>	Closing date is envisaged by September 2015
<i>Description of the envisaged investment program</i>	<ul style="list-style-type: none"> <li>• Upgrading 75% of the 19,896 lighting points with LEDs, remote controls with the SCADA system</li> <li>• Refurbishment of lighting installations and cooling systems upgrade in the municipal buildings (stock of 355 buildings with 92 building where the consumption is the highest)</li> <li>• Implementation of SCADA control system</li> <li>• Installation of PV on the roofs of the buildings, partial replacement of high polluting public vehicles</li> </ul>
<i>Investment required</i>	Expected investment of EUR 30.1m
<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: 4,760,381 kWh</li> <li>- Public buildings: 1,593,556 kWh</li> <li>Total: 6,353,937 kWh</li> </ul> </li> <li>• PV electricity production: 3,435,075 kWh</li> <li>• Greenhouse gas emissions reduced/avoided in CO<sub>2</sub>eq: <ul style="list-style-type: none"> <li>- Public lighting: 2,356,389 kg CO<sub>2</sub></li> <li>- Public buildings: 788,810 kg CO<sub>2</sub></li> <li>- Clean urban transport: 152,540 kg CO<sub>2</sub></li> <li>Total: 3,297,739 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> </ul> </li> </ul>

# Technical Assistance – Project description

	- Operation phase (10-15 years):	40 FTEs
<i>eeef's support for investment program</i>	eeef targets to finance at least €7.5m from the total investment program	