

Technical Assistance – Project description

City of Marbella



<i>Location</i>	Andalucia, Spain
<i>Beneficiary</i>	City of Marbella
<i>Member of Covenant of Mayors Initiative</i>	✓
<i>Contribution</i>	EUR 456,662
<i>Project development services financed by eef</i>	As the Member of the Covenant of Mayors since 2011, the City has decided to launch the energy efficiency programme with eef to achieve CO2 reductions and disclose the milestones around this reduction. The City Council also targets to promote public private partnership to boost the required investments to undertake the energy efficiency improvements. The Marbella's investment programme is centred around street lighting upgrade (around 16,500 lighting points), efficiency upgrades in all public schools, intelligent management of the energy use and renewable energy installations
<i>Timeframe for TA</i>	expected to be completed by June 2015
<i>Description of the envisaged investment program</i>	<ul style="list-style-type: none"> • Installation of PV plants on roofs of public buildings • Retrofitting of public lighting and traffic lighting systems • Municipal buildings refurbishment • Installation of communication network, controls and monitor systems
<i>Investment required</i>	Expected investment of EUR 9.541m
<i>Expected results</i>	<ul style="list-style-type: none"> • Energy savings to be achieved (kWh) : <ul style="list-style-type: none"> - Public lighting: 10,243,703 kWh - Public buildings: 1,027,513 kWh Total: 11,271,216 kWh • PV electricity production: 1,130,000 kWh • Greenhouse gas emissions reduced/avoided in CO₂eq: <ul style="list-style-type: none"> - Public lighting: 4,507,229 kg CO₂ - Public buildings: 455,188 kg CO₂ Total: 4,962,417 kg CO₂ • Jobs created/sustained: <ul style="list-style-type: none"> - Analysis phase (1 year): 7 FTEs - Construction phase (1-2 years): 50 FTEs - Operation phase (10-15 years): 20 FTEs
<i>eef's support for the investment programme</i>	eef could finance at least EUR 5m from the investment programme