

# Technical Assistance – Project description



## Limerick and Clare Education and Training Board

<i>Location</i>	Limerick, Ireland
<i>Beneficiary</i>	Limerick and Clare Education and Training Board
<i>Member of Covenant of Mayors Initiative</i>	No
<i>Contribution</i>	EUR 335,835
<i>Project development services financed by eeef</i>	<ul style="list-style-type: none"> <li>• Support for the management and provision of project development and technical services</li> <li>• Design and carry out a technical review of the current energy performance of 49 buildings. Carry out energy audits to identify all energy efficiency opportunities and the potential for introducing renewable energy technologies</li> <li>• Strategic Development and Energy Management Action Plan (Energy MAP). Identification of common EE projects, estimated paybacks &amp; and the development of a strategic approach to carrying out the retrofits and install renewable energy technologies</li> <li>• Development of tender specifications, public procurement - submission onto EU-Supply Tender, preferred vendors list, competitive dialog and project management of same</li> <li>• Selection of Preferred Suppliers and Preparation for Financing Application</li> </ul>
<i>Timeframe for TA</i>	expected to be completed by July 2015
<i>Description of the envisaged investment programme</i>	Deep retrofitting of 39 owned buildings and low cost actions like energy metering in the ten leased buildings as well as the instalment of renewable energy components, implemented in two phases, phase 1 with EUR 6.5m and phase 2 with EUR 9.9m, including deep retrofits such as fabric insulation, heating system upgrades and renewable energy installations (biomass and heat pump systems as well as micro wind generators). The contribution from renewable energies will be 20% of overall energy
<i>Investment required</i>	expected investment of EUR 16.4m
<i>Expected results</i>	<ul style="list-style-type: none"> <li>• Energy savings to be achieved (kWh) : <ul style="list-style-type: none"> <li>- Phase 1: 1,343,068 kWh (e) 2,367,313 kWh (th)</li> <li>- Phase 2: 1,927,011 kWh (e) 3,396,580 kWh (th)</li> <li>Total during Phases 1 &amp; 2: 5,323,591 kWh</li> </ul> </li> <li>• PV electricity generation: 1,167,884 kWh (e)</li> <li>• PV heat generation: 2,058,532 kWh (th)</li> <li>• Greenhouse gas emissions reduced/avoided in CO<sub>2</sub>eq: <ul style="list-style-type: none"> <li>Total: 2,850,000 kg CO<sub>2</sub></li> </ul> </li> </ul>

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	<ul style="list-style-type: none"><li>• Jobs created/sustained:<ul style="list-style-type: none"><li>- Development stage: 10 FTEs</li><li>- Installation phase: 50 FTEs</li><li>- Operation phase: 20 FTEs</li></ul></li></ul>
<i>eeef's support for the investment programme</i>	eeef could at least finance EUR 5m from the investment programme