



## ELENA Project Factsheet Sustainable Tipperary (TIPP)

Location	The Project Development Services will be performed and the Investment Programme will be realised predominantly in the County of Tipperary, Republic of Ireland. Based on investment opportunities, the geographical scope may be extended to the neighbouring counties. The exception is the sub-project of deep retrofits of single family houses (Superhomes) which may cover the whole area of the Republic of Ireland
Beneficiary	The beneficiary is Tipperary Energy Agency
CoM signatory	No
Sector	Energy efficient building retrofits, built-in small-scale renewable energy projects, public lighting
Total PDS cost	EUR 1 683 410
ELENA contribution	EUR 1 515 069
Project Development Services (PDS) financed by ELENA	<p>The Project Development Services (PDS) financed by ELENA will provide support to the Tipperary Energy Agency (TEA) in acceleration of the implementation of the energy efficiency (EE) investment programme in four areas: residential EE building renovations, public street lighting, renewable heating systems and non-residential EE building renovations, offering a tailored assistance for various stakeholders – private homeowners, public entities, SMEs.</p> <p>ELENA PDS Team will be composed of TEA staff (Project Implementation Team) and of external subcontractors. Project Implementation Team will undertake the stakeholder engagement, the technical and business case development and the subcontracted personnel will provide energy audits, prepare the procurement and design of the investments. ELENA PDS Team will liaise directly with the individual house/facility owners to encourage the investment, through a robust written business case for each investment in addition to a presentation for securing the investment.</p> <p>9 full-time-equivalent posts in the Project Implementation Team will be funded by ELENA within the duration of the project. Some of them will work part-time or not throughout the whole duration of the project: ELENA project coordinator, domestic engineers, non-domestic engineers, administrator, financial manager, communications manager.</p> <p>External subcontractors will provide assistance to homeowners in the energy efficiency housing retrofit programme. These include mainly technical surveyors, designers and experts complemented by legal and financial advice to homeowners participating in the programme.</p>

PDS Timeframe	PDS will commence in August 2017 and shall remain in full force and effect until July 2020
Investment programme description	<p>The planned investment programme is designed to realise the actions under the Tipperary Sustainable Energy Action Plan (SEAP), with some of the investments not being geographically bound within the county. These investments are in the four key areas:</p> <ul style="list-style-type: none"> <li>• Deep retrofit of single family dwellings under the programme “Superhomes”</li> <li>• Public Lighting Replacement Programme</li> <li>• Implementation of renewable heating systems, mobilising investment under the Renewable Heat Incentive (RHI)</li> <li>• Implementation of community wide energy efficiency under the state Better Energy Community (BEC) and energy efficiency obligation scheme</li> </ul>
Investment to be mobilized	The total amount of eligible investment is estimated at approx. EUR 38m
Description of the approach to implement the Investment Programme	The investments in most cases will be made by the asset owner, and only in the case of the off balance sheet renewable heat contracts will a third party make the investment
Expected results	<p>The total estimated contributions are:</p> <ul style="list-style-type: none"> <li>• RE generation – Annual total renewable energy generation by 4.83 GWh<sub>el</sub> and 15 GWh<sub>th</sub></li> <li>• Energy Efficiency – Annual total savings in the final energy consumption of 20.84 GWh</li> <li>• CO<sub>2</sub> reductions – Annual total emission reductions of 10 950 t CO<sub>2</sub> eq</li> </ul>
Leverage factor (Minimum 20)	25
Market replication potential	<p>There is high market replication for this ELENA supported investment programme, as financing of some of the elements rely on the national grant scheme. Such investments with proper TA can be achieved and duplicated in any region of Ireland. The proposed project itself is an example of market replication of another ELENA project, namely PICARDIE PASS.</p> <p>The opportunities in Ireland for similar ELENA funding include:</p> <ul style="list-style-type: none"> <li>• Local: Social housing investment by local authorities and housing agencies</li> <li>• National: <ul style="list-style-type: none"> <li>○ Public Lighting for energy renovation</li> <li>○ Other counties Better energy communities programs or other utilisation of national energy funds at a local level</li> <li>○ National social housing agencies</li> <li>○ National public building ownership (Office of public works)</li> </ul> </li> </ul>
Status	Contract signed on 31/07/2017
Contact person at Beneficiary	Paul Kenny