



## ELENA Completed Project Factsheet Cheshire East Energy Programme

<b>Location of planned investments</b>	Cheshire and Warrington region, Northwest England, United Kingdom
<b>Final Beneficiary</b>	Cheshire East Council
<b>Final Beneficiary's address</b>	c/o Municipal buildings, Earle Street Crewe, CW1 2BJ - United Kingdom
<b>CoM signatory</b>	No
<b>Sector</b>	Energy efficiency in public lighting systems, energy efficiency in non-residential buildings, district heating networks, renewable energy in the built environment.
<b>Total PDS costs</b>	EUR 1,471,321
<b>ELENA contribution</b>	EUR 1,069,101
<b>Project development services financed by ELENA</b>	ELENA supported the preparation of feasibility studies, energy audits, public procurement activities, stakeholder engagement, consensus building and investment decision-making. As a result of the ELENA assistance, the local authority also developed its in-house capabilities in the above areas. ELENA resources were used to put in place a staff Project Manager at the FB, as well as to cover the costs of external consultants.
<b>Description of ELENA operation</b>	The investments were made by both public and private entities within Cheshire county. The local authority engaged actively with stakeholders and investors to offer support with developing the projects across the different subsectors. The investment The public entities have followed the applicable public procurement rules for tendering the investment contracts; Private entities followed their own investment decision and internal tendering procedures to procure the investments.
<b>Timeframe</b>	September 2017 – August 2021
<b>Investment programme description</b>	The investment programme consists of eight components as follows: <ul style="list-style-type: none"> <li>- 2 public street lighting projects where around 10,500 lighting points were upgraded.</li> <li>- 2 public building EE upgrades and integrated RE in over 30 buildings</li> <li>- 2 district heating projects with CHP components</li> <li>- 1 programme for LED-ification of nearly 5,000 street signs and bollards</li> <li>- 1 large integrated PV installation (private) (2.7 MWp)</li> </ul>
<b>Investment in implementation phase</b>	EUR 32m
<b>Results expected to be achieved</b>	Energy savings – 21.3 GWh per annum Renewable energy generated – 4.1 GWh per annum CO2 reductions – 9,100 tCO2eq per annum Job creation – 113 FTE
<b>Leverage factor achieved</b>	30

<b>Lessons learnt</b>	<ul style="list-style-type: none"><li>• Local authorities do not have sufficient resources and require technical assistance (TA) to develop complex and innovative energy projects.</li><li>• Such TA enables building an investment pipeline, to align stakeholders and resources and to accelerate implementation.</li><li>• Developing a cohesive delivery team and managing stakeholders is vital to deliver the investment required.</li><li>• Public sector heat networks are difficult investments requiring significant lead time and subject to delays in terms of planning approvals and investment decisions.</li><li>• External disruptions (such as the Covid-19 pandemic) can significantly impact the size and speed of an investment programme.</li><li>• Private sector investment are challenging to monitor and report due to access to information and confidentiality.</li></ul>
<b>Further information sources</b>	<a href="https://www.cheshireeast.gov.uk/low-carbon-heat-networks">Low Carbon Heat Networks (cheshireeast.gov.uk)</a>
<b>Contact person at ELENA Beneficiary</b>	Dan Griffiths - <a href="mailto:Dan.Griffiths@cheshireeast.gov.uk">Dan.Griffiths@cheshireeast.gov.uk</a>