



**ELENA Project Factsheet**  
**Avedøre Green City**  
**(AGC)**

<b>Location of planned investments</b>	Copenhagen, Denmark
<b>Final Beneficiary</b>	Avedøre District Heating Cooperative (AVDH)
<b>Beneficiary's address</b>	c/o EBO Consult A/S Arnold Nielsens Boulevard 60, 2650 Hvidovre, Denmark
<b>Sector(s) of investment</b>	Energy-efficient residential building renovations; District heating
<b>Total Project Development Services (PDS) cost</b>	EUR 1,335,100
<b>ELENA co-financing</b>	EUR 1,201,590
<b>Project Development Services (PDS) financed by ELENA</b>	<p>The work programme for the technical assistance to be funded with ELENA involves:</p> <ul style="list-style-type: none"> <li>• Set up and running of a Project Development Unit (PDU) for the coordinated approach in Avedøre Green City</li> <li>• Technical studies and analysis for optimising district heating investments</li> <li>• Energy audits, feasibility and design studies in the blocks, terraced houses and family houses</li> <li>• Tenants, stakeholder and community engagement</li> <li>• Tendering procedures</li> <li>• Financial engineering</li> <li>• Monitoring and reporting</li> </ul>
<b>PDS Timeframe</b>	From December 2020 till the end of 2023.
<b>Investment programme description</b>	<p>The investment programme requested for ELENA support is called Avedøre Green City, and involves the following:</p> <ol style="list-style-type: none"> <li>1) Avedøre Stationsby: The existing district heating system in Avedøre is to be renewed and modernised with the goal of reaching 4GDH (4<sup>th</sup> generation district heating).</li> <li>2) Avedøre North and South: Renovation of the social housing buildings and updating the systems of the buildings so that they can connect to the renovated 4GDH district heating network</li> <li>3) Avedøre Village: Building a new stand-alone district heating system in Avedøre Village to replace individual oil/gas boilers in homes. Building-integrated PV may also be included</li> </ol>
<b>Investment amount to be mobilized</b>	EUR 33.2m

<b>Description of the approach to implement the Investment Programme</b>	<p>A Steering Committee with representation from all project stakeholders will control the overall implementation of the programme.</p> <p>AVDH is the investor in renovating the district heating, financial beneficiary of the ELENA project and coordinator of the project.</p> <p>AVDH is the owner and investor in the renovation of the existing district heating grid in Avedøre Stationsby and the new grid in the Avedøre Village.</p> <p>The social housing organisations – Avedøre South and North - are both investors in the energy efficiency renovation of their housing stock.</p>
<b>Expected results of investments planned</b>	<p>Estimated annual final energy saved: 6.5 GWh  Estimated annual final energy production by RES: 0.5 GWhrs  Estimated annual reduction of CO<sub>2</sub>eq: 993 tons CO<sub>2</sub>eq</p>
<b>Leverage factor (Minimum 20)</b>	<p>28</p>
<b>Status</b>	<p>Contract signed on 26/11/2020.</p>
<b>Contact person at ELENA beneficiary</b>	<p>Erik Christiansen - erc@ebodk</p>