



## ELENA Project Factsheet IDA-VIRU RENOVATES

<b>Location of planned investments</b>	The Project Development Services (PDS) and the investments will be performed in the Ida-Viru County, Estonia.
<b>Final Beneficiary</b>	IVOL - Ida-Virumaa Omavalitsuste Liit (The Association of Local Authorities of Ida-Viru County)
<b>Final Beneficiary's address</b>	<i>Keskväljak 1 Jõhvi town 41594 Ida-Viru County Estonia</i>
<b>Sector(s) of investment</b>	Energy Efficiency and Renewable Energy in residential buildings
<b>Total Project Development Services (PDS) cost</b>	EUR 1 450 000
<b>ELENA co- financing</b>	EUR 1 305 000
<b>Project Development Services (PDS) financed by ELENA</b>	<p>IVOL, with the support of the Project Development Services (PDS) financed by ELENA, will establish a One-Stop Shop (OSS) to provide support for the implementation of deep energy renovation and for the use of renewable energy sources in at least 20 multi-apartment buildings in the Ida-Viru County.</p> <p>The OSS will be providing technical and financial advice to the Apartment Associations (AAs) in the Ida-Viru County. The OSS will as well perform promotional and marketing activities to make the AAs aware of the advantages of a deep energy renovation and of the services provided by the OSS to perform such renovation. The activities provided by the OSS will include the performance of energy audits and the preparation of the required technical documentation. The OSS will also support the AAs in the preparation of the required technical documentation for grant financing from KredEx (i.e. the Estonian Credit and Export Guarantee Fund, the national promotional bank administering both loans and grants from the EU structural funds). Finally, the OSS will also assess the final energy savings achieved after the renovation and provide EPC (Energy Performance Certificate) at the end of the renovation.</p>
<b>PDS Timeframe</b>	July 2023 to June 2026
<b>Investment programme description</b>	<p>The ELENA supported Investment Programme (IP) will focus on the deep energy efficiency renovation of multi-apartment residential buildings owned by AAs in the Ida-Viru County.</p> <p>The target is to carry out a deep energy efficiency renovation performed in multi-apartment residential buildings to improve the energy performance of the building to class C or better, from the current level F or worse (for most of the buildings in the Ida-Viru County).</p>

	<p>The deep energy efficiency renovation of the multi-apartment residential building usually includes:</p> <ul style="list-style-type: none"> <li>• complete facade reconstruction, additional insulation, and related works</li> <li>• reconstruction of balconies and loggias, installation of glass or replacement of balconies and related work (not directly EE related)</li> <li>• roof and roof reconstruction, additional insulation, and related works</li> <li>• replacement or renovation of windows, external and fire doors, and related work</li> <li>• basement reconstruction, insulation, and related work</li> <li>• foundation reconstruction, insulation, and related works</li> <li>• replacement, reconstruction and balancing of the heating system, preparation of the heating system balancing protocol and related works</li> <li>• replacement of DH substation (if necessary), providing remote monitoring</li> <li>• construction of a heat recovery ventilation system or reconstruction of a ventilation system, preparation of a ventilation system measurement protocol and related works</li> <li>• acquisition and installation of equipment for the use of local renewable energy (if necessary)</li> <li>• replacement or reconstruction of the electrical system of a building located in common public areas and related works</li> <li>• installation of insulation of the windows of common areas and apartments and restoration of the interior finish resulting from the construction of the heating and ventilation system</li> <li>• new electrical measurement equipment</li> </ul> <p>The detailed renovation scope of each building could be different and will depend on the individual building assessment.</p>
<p><b>Investment amount to be mobilized</b></p>	<p>EUR 20m</p>
<p><b>Description of the approach to implement the Investment Programme</b></p>	<p>The main implementation steps and timeframe contains a 3-year period for setting and preparing the technical aspects, tendering, contracting and implementation of the renovation plans. At the end of the 3-year duration of the ELENA project, all renovations will have to be published. The goals of the 'IDA-VIRU RENOVATES' ELENA TA programme are threefold:</p> <ol style="list-style-type: none"> <li>1. to mobilise the energy efficiency renovations in the Ida-Viru County main towns: Narva, Koht-a Järve and Sillamäe especially - for Soviet-type multi-apartment buildings</li> <li>2. to establish in each town deep-renovation example projects (lighthouse projects) which are to be used in the future as a good local reference for local experiences and knowledge to enhance future renovations</li> <li>3. to support historically shale oil-oriented Ida-Viru County to invest in clean energy production sources such as roof PVs and/or solar collector installations in the buildings thus contributing to greener energy use. In total, it is assumed that 150 kW of PVs will be installed.</li> </ol> <p>For the implementation of the Investment Programme, the AAs have to follow the KredEx requirement. The AA will publish a tender for implementation of the construction works, following the public procurement rules. The final contractor will be selected by the AA but will have to be approved by KredEx.</p>

<b>Expected results of investments planned</b>	<p>The total estimated contributions are:</p> <ul style="list-style-type: none"><li>• Energy Efficiency – Annual total energy saved 6.25 GWh representing a reduction of 50% compared to the baseline.</li><li>• Renewable Energy – Annual total 0.15 GWh RE electricity generation.</li><li>• CO<sub>2</sub> reductions – Annual total reductions of 2,319 CO<sub>2</sub> eq t representing a reduction of 51% compared to the baseline</li></ul>
<b>Leverage factor (Minimum 10)</b>	15
<b>Status</b>	Contract signed on 20/06/2023
<b>Contact person at ELENA beneficiary</b>	<i>Mr Hardi Murula, Project expert / <a href="mailto:hardi.murula@ivol.ee">hardi.murula@ivol.ee</a></i>