



## ELENA Project Factsheet

### South Muntenia Energy Efficiency for Public Buildings Investment Programme (SMEE-PB)

<b>Location of planned investments</b>	The Investment Programme will take place in the South Muntenia Region, Romania.
<b>Final Beneficiary</b>	South Muntenia Regional Development Agency (SM RDA)
<b>Final Beneficiary's address</b>	Str. General Constantin Pantazi, nr. 7A 910164 Calarasi, Romania
<b>Sector(s) of investment</b>	Energy efficiency and building-integrated RES investments in public buildings
<b>Total Project Development Services (PDS) cost</b>	EUR 2 278 000
<b>ELENA co- financing</b>	EUR 2 050 200 (90%)
<b>Project Development Services (PDS) financed by ELENA</b>	<p>The PDS funded by the ELENA Facility will provide support to local public authorities in six counties of the South Muntenia Region to prepare technical and economic documentation for energy efficiency projects in public buildings to be submitted for financing under the South Muntenia Regional Operational Programme 2021-2027. Subsequently the public authorities that own the supported buildings will publish design-and-build investment tenders for the implementation of the energy efficiency renovation works.</p> <p>SM RDA will create an ELENA Project Implementation Unit (PIU), composed of 6 existing or newly hired staff. The required documentation will be prepared by external experts, contracted by SM RDA according to the public procurement rules.</p> <p>The documentation to be prepared includes an obligatory technical seismic assessment, an energy audit and a feasibility study for the measures (documentation for the approval of intervention works for buildings) that will be implemented. These documents will then be delivered to the public authorities (County Councils and local municipalities) participating in this ELENA project.</p>
<b>PDS Timeframe</b>	From Q1 2022 to Q4 2024
<b>Investment programme description</b>	<p>The South Muntenia Energy Efficiency in Public Buildings Investment Programme aims to increase the energy efficiency in public buildings, including building-integrated renewable energy measures for projects located in urban and rural areas from six counties of South Muntenia region (Arges, Calarasi, Dambovita, Ialomita, Prahova and Teleorman).</p> <p>Investments envisage a deep energy renovation of 100 public buildings and the installation of renewable systems (PV) for energy</p>

	<p>production. In some cases, these investments will include structural reinforcements of the building or other accompanying measures, as long as they are required by the national technical regulation for implementation of the energy efficiency investments. The total expected area for the energy efficiency renovation is of 182,200 m<sup>2</sup>.</p> <p>The specific measures of the Investment Programme include thermal insulation of walls, roofs, basements, on the ground floors and pipes, replacing windows and external doors, use of optimized control and regulation of technical installations, modernization/replacement of ventilation and heating systems with energy efficient ones, replacement of inefficient installations (ex. lighting) and installation of alternative systems for energy production (ex. solar panels).</p>
<b>Investment amount to be mobilized</b>	EUR 63.8m
<b>Description of the approach to implement the Investment Programme</b>	<p>The end beneficiaries (public authorities in the region) are responsible for the implementation of projects for which a technical seismic assessment, an energy audit and a feasibility study for buildings will be prepared by the SM RDA on the basis of the Framework Agreement between the end beneficiaries and the SM RDA.</p> <p>Based on the relevant Council (either municipality or county) Decision, the end beneficiaries will commit to submitting applications for funding under the South Muntenia ROP 2021-2027 for the financing of the energy efficiency investments and for the launching of public procurements for the design and build contracts. The documents prepared with the ELENA support will be used to prepare the tender documents for the procurement procedure.</p>
<b>Expected results of investments planned</b>	<p>The total estimated contributions are:</p> <ul style="list-style-type: none"> <li>• <b>Energy Efficiency</b> – Annual total energy saved 19.3 GWh representing a reduction of 60% compared to the baseline.</li> <li>• <b>Renewable Energy</b> – Annual total 1 GWh, of which: <ul style="list-style-type: none"> <li>○ 0.7 GWh RE heat</li> <li>○ and 0.3 GWh RE electricity generation</li> </ul> </li> <li>• <b>CO2 reductions</b> – Annual total reductions of 4 660 CO<sub>2</sub> eq t representing a reduction of 64% compared to the baseline.</li> <li>• <b>Jobs retained or created</b> - in 1135 equivalent FTE</li> </ul>
<b>Leverage factor (Minimum 20)</b>	31
<b>Status</b>	Contract signed on 17/12/2021
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