



## ELENA Project Factsheet Top Condomini

<b>Location of planned investments</b>	Region of Emilia-Romagna, Italy
<b>Final Beneficiary</b>	Agenzia per l'Energia e lo Sviluppo Sostenibile (AESS)
<b>Final Beneficiary's address</b>	Via Caruso 3 41122 Modena - Italy
<b>Sector(s) of investment</b>	Energy efficiency and renewable energy sources in residential buildings
<b>Total Project Development Services (PDS) cost</b>	EUR 2,150,000
<b>ELENA co-financing</b>	EUR 1,935,000
<b>Project Development Services (PDS) financed by ELENA</b>	<p>The project development services will help to implement energy efficiency measures in about 3,000 privately and publicly owned dwellings (about 1,800 of the dwellings are expected to be privately owned and 1,200 dwellings from public owned social housing), corresponding to a total of 200 buildings renovated. To achieve this target, different Project Development Services will be delivered by the staff allocated to the 2 Regional Hubs, and can be summarized as follows:</p> <ul style="list-style-type: none"> <li>• Implementation of the Regional Hubs;</li> <li>• Communication and dissemination;</li> <li>• Preliminary assessment to 300 multi-apartment buildings;</li> <li>• Technical assessment and feasibility studies in 240 multi-apartment buildings;</li> <li>• Preparation of 3 tender processes for the renovation of 80 social housing buildings;</li> <li>• Preparation of 120 tender processes for the renovation of 120 privately owned residential buildings;</li> <li>• Support to condominiums during the renovation phase;</li> <li>• Ex-post monitoring of the energy savings achieved in about 10 buildings (150 dwellings).</li> </ul>
<b>PDS Timeframe</b>	October 2021 to September 2024
<b>Investment programme description</b>	<p>The investment programme relates to the renovation of at least 3,000 dwellings located in the region of Emilia-Romagna, aiming to reduce the heating related energy consumption by 40%.</p> <p>About 60% of the investments will be mobilized in privately owned buildings while the remaining 40% will be mobilized in public owned social housing buildings. The project aims to mobilize an eligible investment (energy efficiency, renewable energy sources and charging points for electric vehicles) of EUR 63 million.</p> <p>The renovations will include the modernization of the existing multi-apartment and single family residential buildings, including the following energy related measures:</p> <ul style="list-style-type: none"> <li>• envelope insulation and improvements (walls, roofs and floor);</li> <li>• window replacements and improved glazing; heating, cooling &amp; ventilation upgrade;</li> <li>• domestic hot water;</li> <li>• indoor lighting and smart applications for energy management;</li> </ul>

	<ul style="list-style-type: none"> <li>renewable energy solutions (solar panels, PVs and heat pumps), and;</li> <li>charging points for electric vehicles.</li> </ul>
<b>Investment amount to be mobilized</b>	EUR 63m
<b>Description of the approach to implement the Investment Programme</b>	<p>The investment programme will be implemented in line with the methodology previously described, aiming to reduce the energy consumption of the renovated buildings by 40%.</p> <p>After identifying the municipalities to be supported and setting up the OSS, the following activities will be carried out to mobilize the HOAs and homeowners to renovate their buildings:</p> <ol style="list-style-type: none"> <li>Dissemination activities, stakeholder engagement and reception of applications</li> <li>HOAs applications to ELENA support</li> <li>Pre-assessment</li> <li>Energy audit and feasibility study</li> <li>Investment decision</li> <li>Tender process and investment phase.</li> <li>Ex-post monitoring</li> </ol>
<b>Expected results of investments planned</b>	<ul style="list-style-type: none"> <li>Energy Efficiency – Annual total energy saved 28.4 GWh representing a reduction of 40% compared to the baseline.</li> <li>Renewable Energy – Annual total 2.2 GWh, of which: <ul style="list-style-type: none"> <li>2.2 GWh RE electricity generation.</li> </ul> </li> <li>CO<sub>2</sub> reductions – Annual total reductions of 6,733 CO<sub>2</sub> eq t representing a reduction of 42% compared to the baseline.</li> <li>Jobs retained or created - in 273 equivalent FTE</li> </ul>
<b>Leverage factor (Minimum 10)</b>	33
<b>Status</b>	Contract signed on 13/09/2021
<b>Contact person at ELENA beneficiary</b>	Claudia Carani - <a href="mailto:ccarani@aess-modena.it">ccarani@aess-modena.it</a>