



ELENA Project Factsheet
COIMBRA REGION TOWARDS A SUSTAINABLE ENERGY TRANSITION
(C-REST)

Location of planned investments	The Investment Programme will be carried out in Coimbra region in Portugal.
Final Beneficiary	The Project Development Services (PDS) will be performed by the Intermunicipal Community of Coimbra Region, in Portugal. The Intermunicipal Community of Coimbra Region (CIM-RC) is a public legal association of 19 municipalities (local authorities): Arganil, Cantanhede, Coimbra, Condeixa-a-Nova, Figueira da Foz, Góis, Lousã, Mealhada, Mira, Miranda do Corvo, Montemor-o-Velho, Mortágua, Oliveira do Hospital, Pampilhosa da Serra, Penacova, Penela, Soure, Tábua and Vila Nova de Poiares. It is an Intermunicipal entity of an associative nature with a territorial scope, governed by Portuguese Law no. 75/2013, of 12 September.
Final Beneficiary's address	Rua do Brasil, nº 1313030-175, Coimbra, Portugal
Sector(s) of investment	Energy efficiency and renewable energy sources investments in public buildings.
Total Project Development Services (PDS) cost	EUR 1,050,000.00
ELENA co- financing	EUR 945,000.00
Project Development Services (PDS) financed by ELENA	<p>The ELENA PDS will support the implementation of an Investment Programme in public-owned assets located in the 19 municipalities belonging to CIM-RC. The Investment Programme targets an estimated number of at least 30 non-residential buildings, 8 multi-apartment buildings (170 housing units) and 500 street lighting points, as well as building integrated renewables.</p> <p>CIM-RC will be responsible for the creation of the Project Implementation Unit (PIU). It will consist of existing and newly hired internal staff and external consultants (4 external consultants are expected to be involved), contributing to reinforce the existing workforce and creating the conditions to achieve the ambitious overall Investment Programme of EUR 30.0 million, targeting energy savings of about 55%.</p> <p>The ELENA PIU will be managed by CIM-RC staff and supported by external consultants in the preparation of the Investment Programme. External consultants will assist CIM-RC and prepare the energy audits, economic, technical and financial feasibility studies, analyse legislation, provide capacity building as well as information campaigns and awareness raising activities, support the diagnosis and monitoring of project, support in the application process for national, EU and international funding mechanisms and support in managing, monitoring and checking conformity of investments to be carried out by the various municipalities based on their budgetary constraints, and ex-post verification of energy savings achieved.</p>

PDS Timeframe	November 2024 to October 2027
Investment programme description	<p>The Investment Programme targets the renovation of at least 30 non-residential buildings, 8 residential buildings and 500 lighting points located in the geographical area of CIM-RC aiming to reduce the energy consumption by 55%. Investments will target assets owned by public authorities and the most suitable buildings have already been identified based on their need to be renovate.</p> <p>The current building portfolio mainly includes buildings owned by the municipalities and IHRU, but this may change when further assessments are done and assets owned by other public authorities located in the same area, may also be included in ELENA. The project aims to mobilise an eligible investment of EUR 30.0 million (energy efficiency in buildings, renewable energy sources, street lighting and charging points for electric vehicles in buildings).</p> <p>The building renovations targeting the modernisation of the existing non-residential and residential buildings, are expected to include the following energy related measures:</p> <ul style="list-style-type: none"> • envelope insulation and improvements (walls, roofs and floor); • window replacements and improved glazing; heating, cooling & ventilation upgrade; • domestic hot water; • indoor lighting; • renewable energy solutions (solar panels, PV, etc), and; • charging points for electric vehicles. <p>The energy efficiency measures will be adapted on a case-by-case basis, in order to optimise the energy savings achieved.</p> <p>In addition, the Investment Programme also includes the modernisation of existing street lighting systems by the adoption of LED.</p>
Investment amount to be mobilized	EUR 30,000,000.00
Description of the approach to implement the Investment Programme	<p>The Investment Programme will be implemented aiming to reach an overall reduction of the energy consumption of about 55% (considering buildings and street lighting components) and to increase renewable energy use in public owned buildings.</p> <p>The implementation of these investments requires several preliminary development activities before the investment decision takes place, to ensure the achievement of the expected results. The number of investment tenders was defined based on the number of municipalities involved and buildings estimated, but aggregation of multiple buildings will be incentivised when that does not create any constraints and allows the compliance of the rules of the different grant mechanisms to be used (RRF and ERDF).</p> <p>At this stage, CIM-RC has already identified a preliminary list of buildings and street lighting points to be addressed by the project. Immediately after project approval, CIM-RC will require a formal validation of these buildings by the Mayors and will also require the identification of additional buildings to be included in a reserve list that can be considered in case problems arise in any of the buildings identified in the first stage.</p>

	<p>Afterwards, the PIU can move forward with the development of the energy audits to estimate the project's main financial figures. Once these are reviewed by CIM-RC, they will be formally submitted to the Mayors/City Councils so that the investment decision can be validated and the remaining stages of the PDS can proceed.</p> <p>With the validation, the PIU will proceed with the remaining activities, namely the development of the design for the EE interventions, the development of the EPCs for grants application, grants application and preparation and publication of the tender documents.</p> <p>The process previously described will be cyclically repeated during the project implementation period in accordance with the timelines estimated at application stage and with the deadlines defined by the managing authorities of RRF and ERDF.</p>
Expected results of investments planned	<ul style="list-style-type: none"> • Energy Efficiency – Annual total energy saved 6.43 GWh representing a reduction of 55% compared to the baseline. • Renewable Energy – Annual total 0.29 GWh, of which: 0.19 GWh RE heat and 0.10 GWh RE electricity generation. • CO₂ reductions – Annual total reductions of 1 487 tCO₂ eq representing a reduction of 56% compared to the baseline. • Jobs retained or created - in 199.45 equivalent FTE
Leverage factor (Minimum 20)	31.75
Status	Contract signed on 22/10/2024
Contact person at ELENA beneficiary	<p>Jorge Miguel Marques de Brito, Primeiro Secretário Executivo Intermunicipal da CIM-RC geral@cim-regiaodecoimbra.pt</p>