



ELENA Project Factsheet
ACCIÓN PARA TRANSICIÓN ENERGÉTICA DE EDIFICIOS ADMINISTRATIVOS Y ALUMBRADO
(ATENEA)

Location of planned investments	La Rioja, Spain
Final Beneficiary	Administración Pública del Gobierno de La Rioja (HAP)
Final Beneficiary's address	Vara de Rey, 1 26003 Logroño Spain
Sector(s) of investment	EE in non-residential buildings, EE in residential buildings, Building Integrated Renewables, Street lighting and UPT (charging stations for electric vehicles)
Total Project Development Services (PDS) cost	EUR 1 630 000
ELENA co- financing	EUR 1 467 000
Project Development Services (PDS) financed by ELENA	<p>The ELENA PIU will consist of existing internal staff and external consultants, contributing to reinforcing the existent workforce and creating the conditions to achieve an Investment Programme of EUR 39 million, targeting a reduction of the energy consumption of about 30% in buildings and 60% in street lighting systems.</p> <p>To mobilize the Investment Programme, different Project Development Services will be delivered, and can be summarized as follows:</p> <ul style="list-style-type: none"> • Portfolio development; • Energy audit, identification of the suitable EE&RES measures and potential for EPC; • Expert advice to input into the Decision making process; • Expert advice on data needed for the Tendering process; <p>Ex-post monitoring to access the achieved energy savings.</p>
PDS Timeframe	October 2023 to September 2026
Investment programme description	<p>The planned Investment Programme targets five different sectors:</p> <ul style="list-style-type: none"> • Renovation of public buildings, including the installation of solar panels for domestic hot water production and biomass boilers, helping to reduce the energy demand and promote the use of renewable energy sources. This investment component has an estimated investment of EUR 11.7 million; • Installation of photovoltaic systems in public buildings for self-consumption, helping to reduce the dependency from fossil fuels. This investment component has an estimated investment of EUR 20.6 million;

	<ul style="list-style-type: none"> Renovation of the street lighting system (about 2500 lighting points and related electrical facilities). This component of the investment programme has an estimated investment of EUR 1.7 million; Energy efficiency upgrade of 20 existing buildings that will be converted to social housing. This component of the investment programme has an estimated investment of EUR 4 million; Installation of charging stations for electric vehicles in public buildings (indoor and outdoor parking spaces). This investment component has an estimated investment of EUR 1 million.
Investment amount to be mobilized	EUR 39m
Description of the approach to implement the Investment Programme	<p>There will be three delivery mechanisms proposed, depending on the investment sector and financing availability:</p> <ol style="list-style-type: none"> ERDF financing is envisaged as one of the main financing streams to implement the energy efficiency and RES investments in buildings. Depending on the project start date, funds from the 2014-2020 period may still be used, but the majority are expected to come from the 2021-2027 period. At this stage, these funds are expected to finance investments in buildings owned by the Autonomous Community of La Rioja. The La Rioja ERFD 2021-2027 was approved by the EC on the 29/11/2022 and foresees some financing streams for building renovation and renewables under the scope of the ATENEA project. RRF financing is also envisaged to finance energy efficiency and RES investments in buildings. Depending on the publication of the calls and specific eligibility criteria, the Autonomous Community of La Rioja will seek for the most appropriate way to finance the different investment project. <p>The EPC model will be used when dealing with projects with higher energy consumption and very high potential for savings (e.g., street lighting). Through the ESCO model it is possible to generate business through energy savings and therefore, improving their efficiency and reducing the environmental impact associated with the energy consumption. The ESCO model has been widely used in Spain for the renovation of street lighting systems and if appropriate, its use will also be extended to some of the building related projects to be implemented.</p>
Expected results of investments planned	<p>The full implementation of the Investment Programme will result in the following benefits:</p> <ul style="list-style-type: none"> Energy Efficiency – annual total energy saved 14.22 GWh; Renewable Energy – annual total energy generation 28.49 GWh; CO₂ emissions reduction – annual total CO₂ emissions 9,393 CO₂eq; Job creation – 184.12 FTE <p>The above-mentioned figures are related to the energy efficiency projects in street lighting and public buildings, which respectively are expected to generate 60% and 30% savings.</p>
Leverage factor (Minimum 20)	26.58
Status	Contract signed on 27/09/2023
Contact person at ELENA beneficiary	Florencio Larrea - flarrea@larroja.org