



ELENA Project Factsheet

TECHNICAL SUPPORT FOR THE IMPLEMENTATION OF SUSTAINABLE ENERGY MEASURES IN BUILDINGS OWNED BY THE REGIONAL GOVERNMENT OF THE BASQUE COUNTRY (CODESO)

Location	Basque Region, Spain
Beneficiary	Ente Vasco de la Energía (EVE)
CoM signatory	EVE is CoM Coordinator since February 2009
Sector	Energy efficiency retrofits of buildings, built-in small scale renewable energy measures
Total PDS cost	EUR 1 882 250
ELENA contribution	EUR 1 400 000
Project Development Services (PDS) financed by ELENA	<p>ELENA will support the preparation and structuring of the investment programme, entailing a wide range of energy efficiency measures across the building portfolio belonging to the departments of the Basque Government. The technical assistance (TA) will be composed of two elements:</p> <ul style="list-style-type: none"> • In-house activities implemented by EVE (such as programme coordination, general management, procurement and bundling of retrofit projects into work packages and assisting in implementation of investments) • TA activities contracted by EVE and performed by external experts (such as energy audits and action plans-business cases for implementation) <p>The ELENA grant will allow the Promoter to build organisational capacity to properly identify, prepare and package the investments, which should contribute to reducing development and implementation risk and support acceleration and scaling of the envisaged EE investment programme in the region. Thanks to the ELENA contribution, the Basque Energy Agency will have the capacity to define high standards for the energy savings and high quality of investments which will be then implemented by the contractors. EVE will also provide its expertise to support government's departments during the procurement and implementation phase, facilitating the decision making process in the purchase phase for the energy efficiency and renewable energy implementation measures through a dedicated team.</p> <p>The work of internal staff will be complemented with the technical assistance provided by external experts related to:</p> <ul style="list-style-type: none"> • Energy Audits: they will define the energy efficiency measures that each building requires and the possibilities of implementing

	<p>renewable energies.</p> <ul style="list-style-type: none"> Action plans: consultancy will be required for summarizing and aggregating the measures proposed in the audits into studies to determine business cases with the highest energy reduction potential for each government department.
PDS Timeframe	Q1 2018 – Q1 2021
Investment programme description	<p>The objective of the Investment Programme is to support the regional government and subsidiary organisations to implement energy efficiency measures, rational use of energy and integration of renewable energy sources in their buildings and facilities in accordance with the Decree 178/2015 on the energy sustainability of the public sector of the Autonomous Community of the Basque Country.</p> <p>A number of actions to improve the energy performance of the building stock will be implemented in varying degrees, depending on their use, their age, previous refurbishment actions, their design and the recommendations of the energy audits to be carried out.</p> <p>The actions will include:</p> <ul style="list-style-type: none"> Refurbishment of the thermal envelope Replacement of windows Improvements in building lighting, indoor and outdoor Renovation of boilers Renovation of boiler rooms through replacement or through increased energy efficiency Renovation and centralisation of climate control CHP installations Renovation of cooling equipment in server rooms <p>The investments will be implemented by the Basque government's departments mostly through construction contracting following public tender procedure. The Beneficiary also intends to encourage the government departments to use an Energy Performance Contract approach for the implementation of investments.</p>
Investment to be mobilized	EUR 35 million during the ELENA project period and additional EUR 28 million until 2025
Description of the approach to implement the Investment Programme	<p>The identification of the specific measures to be implemented in buildings will come from their auditing. Implementation of the investment plans will be carried out through 2018 to 2025.</p> <p>As the result of energy audits, a diversity of energy efficiency and renewable energy investment opportunities will be identified for buildings and facilities; these will be prioritized through action plans according to their contribution to the objectives and the expected payback periods.</p> <p>The intended approach to the implementation of the investment programme is to contract the installation of a concrete measure (e.g. lighting or boilers) horizontally, i.e. across the whole portfolio of buildings within a given department where such measures were identified by the audits and action plans.</p> <p>The investments will be implemented by the Basque government's departments mostly through construction contracting following public tender procedure. The Beneficiary also intends to encourage the government departments to use an Energy Performance Contract approach for the implementation of investments.</p>

Expected results	<ul style="list-style-type: none"> • RE generation – annual total renewable energy generation of 11.7 GWh • Energy Efficiency – annual total savings in the final energy consumption of 44 GWh • CO₂ reductions – annual total emission reductions of 16 944 t CO₂ eq
Leverage factor (Minimum 20)	25
Market replication potential	<p>Market replication potential is deemed significant in Spain and in the EU. The autonomous regions of Spain and other European regions face similar challenges concerning energy and climate policy and may be willing to use the same tools which have already been tested by other regions. Bundling of audits into groups and then turning them into business cases through action plans, is an efficient method for the regional governments to identify and implement investments of the highest energy saving potential and shortest payback period.</p> <p>In this regard, the CODESO project presents an attractive, simple and flexible model of accelerating investments in energy efficiency and small-scale renewables in public buildings.</p>
Status	Contract signed on 21/12/2017
Contact person at Beneficiary	Mr. Álvaro Pérez de Laborda