



## The City of Sestao

<b>Location</b>	Basque Country, North in Spain
<b>Beneficiary</b>	The City of Sestao
<b>Member of Covenant of Mayors Initiative</b>	Member of the Covenant of Mayors
<b>Contribution</b>	EUR 199,500
<b>Project development services financed by eeef</b>	<ul style="list-style-type: none"> <li>• Technical support in the project development phase to perform the initial studies, energy audits for the public buildings and street lighting, feasibility study for the PV installation in buildings, and technical analysis for the mobility program and digital platform, defining energy and cost savings.</li> <li>• Recommendations on the institutional set up of a Project Implementation Unit (PIU) in the Administration and support in the tender process, evaluation of offers for ESCO selection and supervision of implementation.</li> <li>• Legal analysis and preparation of the tender package. Scope out the interest of the private-sector energy efficiency community.</li> </ul>
<b>Timeframe for TA</b>	Completed by April 2023
<b>Description of the envisaged investment programme</b>	The City of Sestao is planning the implementation of a smart energy program to improve energy efficiency. It targets, within a year and a half timeframe to complete energy audits on 4 municipal sites (5 public buildings) and 2,586 street lighting points, a feasibility study for PV installation on 8 buildings/structures, and technical studies for the mobility program (8 electric vehicles and charging points) and a digitalization platform. Also, it seeks to prepare the savings calculation and economic feasibility model, prepare and publish the tender documents and select an ESCO company. Planned measures are: (i) integral public buildings upgrade, (ii) street lighting upgrade with LED technology, (iii) creation of energy communities by installing PV systems in buildings, (iv) development of a mobility program, and (v) digitalization platform.
<b>Investment required</b>	Total project volume of EUR 13,7m
<b>Expected results</b>	<ul style="list-style-type: none"> <li>• Energy savings to be achieved (MWh): <ul style="list-style-type: none"> <li>- Public lighting (per year) 2,213.3 MWh</li> <li>- Street lighting ( per year) 1,908.5 MWh</li> <li>- Energy communities 469.4 MWh</li> <li>- E- mobility program 296.8 MWh</li> <li>- Digital platform 451.6 MWh</li> </ul> </li> <li>• Greenhouse gas emissions reduced/avoided in total: 1,746.4 tCO<sub>2</sub>eq</li> <li>• Job created/ sustained 60 FTEs</li> </ul>
<b>eeef's support for the investment programme</b>	eeef targets to contribute to the financing of the investment programme.

# Technical Assistance – Project description



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