



## The University of Oviedo

<b>Location</b>	Principality of Asturias, North of Spain
<b>Beneficiary</b>	The University of Oviedo
<b>National targets under the PNIEC 2021-2030</b>	The university supports the 2030 EU's climate and energy targets by contributing to Spain's national measures contemplated in the PNIEC 2021-2030.
<b>Contribution</b>	EUR 513,265.64
<b>Project development services financed by eef</b>	<ul style="list-style-type: none"> <li>• Technical support to prepare energy audits for public buildings, including the validation study for renewable energy installations/PV systems, feasibility study of the facilities for biomass district heating, and the development of a digital platform. Economic viability study of the project.</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, supervision of implementation, etc.</li> <li>• Legal analysis and preparation of the tender package, etc.</li> <li>• Scope out the interest of the private-sector energy efficiency community.</li> </ul>
<b>Timeframe for TA</b>	Completed by October 2025
<b>Description of the envisaged investment programme</b>	It plans to increase energy efficiency levels in public buildings located on its three campuses (Gijon, Mieres, and Oviedo) by (i) renovating 58 public buildings, which includes the envelope and insulation improvements in 14 old buildings (i.e., windows and glasses replacement with high-efficiency ones, adding exterior insulation improvements, etc.), installing remote management systems to get information from the sensors (hardware), and software for buildings, renovating lighting systems in 56 buildings, replacing old HVAC systems in 4 buildings, replacing old boilers for new ones in 36 buildings (ca. 36 boilers as a first estimation) and the study of thermal solar systems in 3 buildings to produce hot water, etc., (ii) developing energy communities with solar PV systems and/or installing PV panels in 37 buildings. Installation of PV panels in other areas will be included. (iii) Developing a district heating network in 3 zones located in Oviedo a Gijon Campus, and (iv) a digital platform for monitoring electric and thermal consumptions in the project. Additionally, the evaluation of the economic viability of the investment, structuring of the tender documents to align with the PPP / ESCO model, external advisors, and legal analysis will be included.
<b>Investment required</b>	EUR 19.8m
<b>Expected results</b>	<ul style="list-style-type: none"> <li>• Energy savings to be achieved (MWh): 16,580 MWh</li> <li>• Greenhouse gas emissions reduced/avoided in total: 5,915 tCO<sub>2</sub>eq</li> <li>• Job created/ sustained: 63 FTEs</li> </ul>
<b>eef's support for the investment programme</b>	eef targets to contribute to the financing of the investment programme