



ELENA Project Factsheet
FOR CASTRO PRETORIO SMART AND EFFICIENT
(4CPS&E)

Location of planned investments	The Project Development Services will be performed in the City of Rome, Italy.
Final Beneficiary	The Energy Task Force (SPE – Struttura di Progetto Energia) of the Italian Ministry of Defense (MoD). The main activities of the SPE concern the identification of the most economical solutions for energy supply (electricity, gas and water) and the identification of the most cost-effective energy efficiency works for the MoD defence assets.
Sector(s) of investment	Energy Efficiency and Renewable Energy in public buildings, Smart Grid including storage.
Total Project Development Services (PDS) cost	EUR 1,857,000
ELENA co- financing	EUR 1,671,300
Project Development Services financed by ELENA	The ELENA support focuses on components where the MoD is currently lacking specialized staff or capacity. For the preparation of the investment programme, the MoD will create an ELENA Project Implementation Unit (PIU) consisting of existing staff and supported by external experts. The PIU will be allocated to the SPE within the MoD. In addition, the PIU will be supported by external consultants/experts. The PIU will support the kick off activities of the 4CPS&E project (preparation and evaluation of the tender for the required external expertise) and will be in charge of the implementation of the whole project and support the MoD/SPE's activities for the management of the project. The PIU will perform the administrative and supporting tasks under the supervision of the SPE, which will assign objectives, task and scope of work. The PIU will also be responsible for the preparation and evaluation of the EPC tender, including third party financing, for the implementation of the investment programme.
PDS Timeframe	October 2019 – September 2022
Investment programme description	The overall investment programme consists of substantial investments in energy efficiency and building-integrated renewable energy (RE) technologies in the public building of the MoD in Rome in combination with the creation of a smart grid sustainable infrastructure. The exact investments will depend on the results of the energy audits and feasibility studies.
Investment amount to be mobilized	EUR 43m
Description of the approach to implement the Investment Programme	The implementation phase will start when the ELENA TA will be successfully completed with the signature of the EPC contract. The MoD is confident that such an EPC project will be much appreciated. The ESCO/general contractor will be chosen through an international procurement process.

<p>Expected results of investments planned</p>	<p>RE generation: Annual total renewable energy generation 1.1 GWh</p> <p>Energy Efficiency: Annual total savings in the final energy consumption of 45 GWh</p> <p>CO₂ reductions: Annual total emission reductions of 17 900 t CO₂ eq.</p>
<p>Leverage factor (Minimum 20)</p>	<p>26</p>
<p>Status</p>	<p>Contract signed on 30/09/2019</p>
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