



ELENA Project Factsheet

INTEgrated sustainable enERgy ACTions and projects in Crete (INTERACT in Crete)

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| Location of planned investments | Region of Crete, Greece |
| Final Beneficiary | Regional Authority of Crete |
| Beneficiary's address | Eleftherias Square, 71201 Heraklion City, Greece |
| Sector(s) of investment | EE in non-residential buildings Renewable Energy Source |
| Total Project Development Services (PDS) cost | EUR 1,496,000 |
| ELENA co-financing | EUR 1,346,400 |
| Project Development Services (PDS) financed by ELENA | <p>Thanks to the ELENA support, the Beneficiary will create a Project Implementation Unit (PIU) consisting of external consultants and subcontractors, under the supervision of the Region's administration staff. The Technical Assistance will be divided into 2 major categories:</p> <ul style="list-style-type: none"> • Category A Technical Assistance will be responsible for the daily management of the PDS as well as horizontal technical assistance dealing with legal, procurement, administrative and project's quality control methods • Category B Technical Assistance consisting of specialized technical assistance services necessary to support the investment programme (energy audits, feasibility studies, financial modelling) |
| PDS Timeframe | From Q1 2021 to Q4 2023 |
| Investment programme description | The Investment Programme consists of 3 schemes addressing energy efficiency measures in the regional and municipal street lighting network (approx. 38,000 lighting points), implementation of Energy Efficiency Retrofits in Public Buildings (over 200,000 sqm in 16 hospitals and health centres and administration buildings belonging to the Crete Region) and the installation of 68,000 sqm of solar PV integrated to buildings belonging to municipalities and public organizations, through the set-up of Energy Communities. |
| Investment amount to be mobilized | EUR 40.1m |
| Description of the approach to implement the Investment Programme | <p>The investments related to street lighting and public buildings are planned to be implemented through EPC/ESCO or PPP schemes where private capital is used to co-fund public infrastructure projects. It is also planned to blend these funding with European Structural and Investment Funds and with State Funding in order to finance works for which the pay-back is not attractive enough to be included in the EPC contracts.</p> <p>The integrated Renewable Energy investments will be implemented through the set-up of at least 4 Energy Communities. The PV panels</p> |

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| | will be used for self-consumption of the buildings and the set-up will provide the possibility of Virtual Net-metering in order to spread the benefits to more than one facility of each Land Reclamation Local Authorities concerned. |
| Expected results of investments planned | <p>The total estimated contributions are:</p> <ul style="list-style-type: none"> • Energy Efficiency – Annual total energy saved 25.1 GWh representing a reduction of 41% compared to the baseline. • Renewable Energy – Annual total 17.7 GWh, of which: 7.3 GWh RE heat and 10.4 GWh RE electricity generation • CO2 reductions – Annual total reductions of 26 900 CO2 eq t representing a reduction of 63% compared to the baseline. • Jobs retained or created - 263 equivalent FTE |
| Leverage factor (Minimum 20) | 30 |
| Status | Contract signed on 16/12/2020 |
| Contact person at ELENA beneficiary | Maria Apostolaki, Environmental Engineer maria.apostolaki@gmail.com |