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Name of Project/Programme & Link to website

Strategic Cross-Border Cooperation & Capitalisation of a Common Approach to Energy Saving in Public Buildings: STRATENERGY

Project Web site: <https://www.stratenergyproject.eu>
Project On-line Platform: <http://strat-energy.eu>

Description of Project

STRATENERGY is a Cross-border Strategic Project running into the framework of Interreg CREECE-CYPRUS programme 2014-2020. It seeks to consolidate constructive cooperation between the most competent national structures of Greece - Cyprus, and to implement a modern, cross-border strategy for the integration of Energy Efficiency practices and technologies to public sector buildings up to 2030.

The urgent need to accelerate energy saving projects, improve skills and the availability of strategic planning resulted in the design of the STRATENERGY Project, which seeks to consolidate the constructive cooperation between the most competent national structures of Greece Cyprus on relevant issues in the horizon of 2030 contributing to the standardisation of the “public buildings savings planning framework”. The project was designed in a full-fledged manner, aware of the needs of the GR-CY 2014-20 programme, preparing new projects ready for implementation in public buildings by new bodies. The STRATENERGY Project supports specific and sustainable solutions for the promotion of EE in the buildings of the Greater public sector, namely: (a) Promotes and

encourages the implementation of mature demonstrative strategic projects in public buildings taking into account all the local parameters; (b) Defines the common framework for strategic and operational planning in order every public stakeholder be capable to achieve the energy saving targets for the year 2030.

The beneficiaries from the result of the project are:

- a Public bodies and the users of the buildings where the energy saving projects were implemented. Public bodies can also apply the common strategic and operational planning framework to integrate energy savings into their building stock - by 2030;
- b National Agencies that elaborate Energy Strategy in Greece and Cyprus, supported in achieving national targets for 2030 energy savings in public buildings;
- c Professional and Active Citizens Groups were familiarized with benefits, technologies and energy-saving practices in buildings.

The demonstrative role of public buildings for the results of energy saving interventions to buildings in general is achieved through the implementation of strategic pilot projects in emblematic public buildings of the cross-border area. These projects on the Greek side of the borders projects are:

Crete Heraklion, the building of Regional Unit.

The energy saving intervention to the building include: Insulation of terrace and floor surfaces, substitution of conventional lighting equipment by new using LED, energy upgrade of central heating/cooling equipment, installation of Energy Management System, installation of PV panels. Budget: 412.000,00 €



Samos, the building of East Samos Municipality.

Substitution of window frameworks and glazing, substitution of central heating/cooling unit by high efficiency heat pump, substitution of conventional lighting equipment by new using LED. Budget: 325.348 €

Thira, building of Episkopi Nursery School.

Substitution of window frameworks and glazing, substitution of oil fired boiler by high efficiency heat pump, substitution of conventional lighting equipment by new using LED. Budget: 228.110 €

Kos, Lykeio school of Antimaxia.

Substitution of window frameworks and glazing, substitution of conventional lighting equipment by new using LED.

Kos Building of Municipal Technical Services.

Substitution of oil fired boiler by high efficiency heat pump, substitution of conventional lighting equipment by new using LED. Total Budget: 250.096 €

Respectively, from the Cypriot side of the borders, similar project are implemented in public building belonging to the Municipalities of **Geroskipos, Agios Dometios, Sotira, Limassol and Athienos.**

Aim/Expected Impact of Project

The main objective of STRATENERGY is the formulation of the “Common Greek Cypriot Strategic and Operation Planning Framework” for energy savings in public buildings and at the same time highlight the “demonstrative role” of energy saving interventions in public buildings targeting to their conversion to almost zero-energy buildings. Scope of STRATENERGY partners is to achieve this objective in order to fulfil the energy saving targets set by 2030 for their building stock.

The expected impact of the project will be the increase of know-how for the personnel of the participating Local Authorities in issues related to energy planning for improving the energy efficiency of their building stock, maximization of the contribution in the achievement of European, National and Local energy targets for 2030, raising awareness on energy efficiency applications integrated to buildings in active population groups and professionals, dissemination of the results through targeted actions, increase of administrative capability for the public bodies in strategic and operational energy planning.

STRATENERGY maintains a unified character, expecting the scalability of the results to any geographical location of the eligible area. It extends modern practices by standardising the strategic / operation planning of energy saving in public buildings and specifying it by 2030 to cover all typologies / uses / cases of buildings to be implemented by every public body.

Involvement of the Agency and Link to the EU Green Deal

Smart Integration

CRES has been appointed as the national coordination center in its areas of activity by relevant Greek Laws and thus, can directly influence national, regional, and local policies. In STRATENERGY, CRES acts mainly as the focal point for all the Greek partners. CRES is responsible for the Strategic Analysis and Exploitation of the results from the dissemination and informative action of STRATENERGY. It is also responsible for the elaboration of the Strategic and Operation Planning Framework that will be used by the public entities in order to implement energy efficiency intervention to their building stock up to 2030. After issuing the Framework CRES will implement the evaluation of its pilot application by the other partners of the project. Regarding the Strategic pilot projects CRES will elaborate all the Application Studies and issue the technical specifications for all the projects of the Greek side. It will also derive the evaluation procedure for those projects and will valorise all the relevant measurements and results from other relevant projects already completed.