

# Municipality of Likovrisi - Pefki

## Energy retrofitting of Public Buildings Attiki - Greece

### Context & Rationale

The implementation of the “Exoikonomo” program is in the main part of the national energy strategy in the framework of planning and promotion of energy efficiency actions. Two phases (call for proposals) have been realised: Exoikonomo I & II.

In the above framework, the Municipality of Likovrisi-Pefki implemented two projects for improving the energy efficiency in four (4) buildings: Energy retrofitting of two (2) public schools and of the centre for protection of elderly people in Pefki have been implemented within the EXOIKONOMO I framework while similar works in one (1) more public school in Likovrisi were supported by the EXOIKONOMO II programme.

### Description

Both projects included the following technical interventions: thermal insulation in all buildings of the 3 public schools and the centre for protection of elderly people, replacement of window frames with energy efficient ones and improvement of electromechanical equipment (BMS, LED lamps, etc). The two projects were implemented at the same time and were concluded by Feb 2016.

### Main Objectives

Main objectives of the specific projects are in accordance of overall program’s objectives as following:

- Energy consumption and peak load consumption
- Reduction of CO<sub>2</sub> emissions and mitigation of climate change impacts
- Creation of a welcoming urban environment and limit the urban thermal islet phenomenon
- Upgrading living conditions in buildings and cities
- Support to local authorities and citizens for the implementation of energy efficiency measures
- Awareness of the society regarding environmental management issues and change of energy behavior
- Mobilization of market actors and promotion of investments to the sustainable development direction

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## Implementing Structure & Partners - Governance

The beneficiary of both projects is the Municipality of Likovrisi-Pefki and specifically students, teachers, parents, tenants of the center of protection and citizens of the Municipality. The implementation has been undertaken by the contractors while the coordination and supervision of both projects has been undertaken by the Technical Services Department of the Municipality.

The Center for Renewable Sources and Energy Saving (CRES) acts as an Intermediate Management Authority for the monitoring of the implementation of the Energy Saving Plans by the Local Authorities of the country ("EXOIKONOMO" Program).

The Special Unit for the management of the "Environment and Sustainable Development" Plan, acts as the authority responsible for the monitoring and implementation of the projects under the EXOIKONOMO II Program.

## Financing and Costs / Time Frame

The total budget of the two projects was approx. 250.000€, financed 100% from EXOIKONOMO I and II programmes (National Strategic Reference Framework).

## Contacts & Links

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