



Governance support for cogeneration installation in a public swimming pool - Sicily [Italy]

Context & Rationale

The municipality of Catania is the owner of a public swimming pool with high level of energy consumption. The objective of the project is to reduce the energy consumption through the installation of a cogeneration plant.

Description

This good practice is one of the measures carried out by the Municipality of Catania for SEAP (Sustainable Energy Action Plan) implementation.

The project is driven by the ambitious purpose: “reduce the energy consumption of a local public structure (swimming pool) through the use of an already existing an unused cogeneration plant”.

The realization of the this project was obtained through the cooperation of different stakeholders: Energy Agency, Local private companies and citizens led by the Municipality of Catania.

Main Objectives

The project is considered a good practice because of the following benefits:

- expected saving in € is between 30.000 and 45.000 and expected saving in kWh is around 60.000 ~ 80.000
- active participation of different stakeholders (Municipality, Energy Agency, Local private companies and citizens);
- possible creation of new jobs. - Better information exchange at local levels (local authorities)
- dissemination of the good practice among citizens
- more attention of decision makers on energy efficiency topics
- high exportability of this practice in others municipalities in Sicilia territory and in others regions of Italy.

Implementing Structure & Partners - Governance

Local Authorities - Energy Agency – ESCO

Financing and Costs / Time Frame

The total amount of the investment is covered by public funds.

Cash flow estimated: 45.000 €

Pay back period estimated is 10 years

Contacts & Links

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