



EU GPP-Award

Winner 2016: Municipality of Melpignano

Renewable energy and energy saving

In the framework of the project “Renewable energy and energy saving” several activities conducted on several municipal buildings were bundled.

A geothermal heat pump was installed in the building of the primary and middle school. The project has provided the installation of low-enthalpy geothermal heat pump consisting of 40 vertical-probe to a depth of 80 meters. The total heat capacity of the geothermal heat pumps amounts to 201 kWt.

In addition the windows were replaced, the building envelope was insulated through the implementation of thermal insulation, as well as the roof and interior flooring, renewal on the electrical and thermal plants.

In the town hall the following interventions were implemented: replacement of window, insulation of the building envelope through the implementation of thermal insulation, insulation of the roof and the interior flooring, work on the electrical and thermal plants. In the nursery school the following intervention were implemented: replacement of windows, insulation of the roof, work on the electrical and thermal plants. In the ex-monastery the following interventions were implemented: replacement of window, insulation of the building envelope by delivering thermal coat, the roof insulation, work on the electrical and thermal plants.