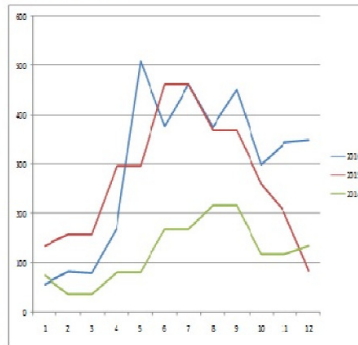




1st PV selfconsumption system in a public center (2kWp)

8 PV panels of 265 Wp/panel. Energy generation = 3.005 kWh/year
 Savings = 1.306 euros/year. GHG emissions savings = 1.178 kgCO₂
 ROI = 3 years.



RES POTENTIAL OF GRANOLLERS AND PALOU AREAS

GRANOLLERS MUNICIPALITY, CATALONIA

Based on the results of the analysis of the potential of exploitation of renewable energy sources, one of 3 RES demonstrative projects was implemented on the roof of Can Cabanyes and on the roof of can Muntanyola public centre. The aim of this pilot case is to achieve:

- Energy savings: 31.482 kWh/y
- GEH emissions savings: 14,09 TnCO₂eq/y
- Economic savings: 5.088 €/y

After finishing the pilot action implementation, granollers city council has carried out a public procurement procedure for the implementation of PV system of Can Muntanyola, in accordance with the approved executive project. The equipment investment has been realised with own budget, out of COMPOSE project.



Project co-financed by the European Regional Development Fund

Macro objective:

Local investment opportunities (EE measures and RES pilot projects).

Behavioural change of citizens, and potential micro investors in relation to apply EE and RES measures.

Specific objectives:

Energy saving in the operation of public facilities in rural and suburban area

Engaging local stakeholders in energy saving measures and RES implementation

Raise awareness for RES benefits.

Increase RES share in local energy mix

Reduce energy dependence.

RES potential to be exploited:

17.000 kWh/y from solar radiation (pending to define concrete potential according energy demand)

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