



## GREENING CAPALBIO ENERGY ITALY, TUSCANY, CAPALBIO

Greening the Capalbio community and the many tourists' energy and energy efficiency awareness as well as local energy policies.

*The involved activities/tasks performed during the pilot action development:*

- Awareness-raising with info materials and initiatives on the importance of renewable energy sources (RES) and energy efficiency (EE) at the local level, with focus on the Capalbio and the Maremma (the local area of which Capalbio is part) realities.
  - A. Printed information to citizens and tourists.
  - B. Information events for the public.
  - C. Information materials to schools.
- Small scale installation of PV demonstration unit on the Capalbio Municipality building. The system includes a public display showing energy production data and GHG emissions saved.
- *Greening Capalbio Energy Development Plan*: centered on short and mid-term policies, i.e. not a technical study, but a greening development policy plan.
- Study visit for the *COMPOSE* project partners on Maremma's sustainability, RES and EE best practises.

As multiplying effects the *COMPOSE* pilot project has led to the submission and approval by the Italian Environment Ministry's *Kyoto Funa* of two new EE upgrade, PV plant and heat pump installations in Capalbio's primary and junior high school buildings.



Project co-financed by the European Regional Development Fund

### Macro objective:

Increase local energy independence; behavioral changes in citizens and tourists' daily lives; greenhouse gas (GHG) emissions reduction.

### Specific objectives:

Raise awareness towards public and tourists; increase RES share in local energy mix; energy savings and more EE in the operation of public buildings and lighting;  
*Greening Capalbio Energy Development Plan.*

### RES and EE potential exploited:

19.5 kW PV installation; 50.0 kW heat pump and the substitution with LED of previous high-consuming lighting systems in the local primary and junior high school buildings.

Arch.  
Giancarlo Pedreschi  
Head – Technical Office –  
Capalbio Municipality  
[g.pedreschi@comune.capalbio.gr.it](mailto:g.pedreschi@comune.capalbio.gr.it)

Tel.: + 39-0564-89 77 30