



## FORM BEST PRACTICES CONTEST

Municipality Seferihisar Country TURKEY.....

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Name project

Photovoltaic Power Plant

Category Certification Criteria

- Energy and environmental policies (politiche energetiche e ambientali);
- Infrastructure policies (politiche infrastrutturali);
- Quality of urban life policies (politiche per la qualita' urbana);
- Agricultural, touristic and artisan policies (politiche agricole, turistiche, artigianali);
- Policies for hospitality, awareness and training (politiche per l'ospitalita, la consapevolezza e la formazione);
- Social cohesion (coesione sociale).

Summary project

Within the renewable energy aspect of the Cittaslow criteria Seferihisar has started to use the renewable energy sources. From 2009, when Seferihisar became a Cittaslow town, to the present day the green areas and street lights of the town centre have been powered by solar energy. The roof of the market ground next to the municipal building which is around 2000 m2 has been used to house 800 photovoltaic panels which have a 200kw capacity. The project which finished in April 2014 now covers the power used by the municipality building of Seferihisar, which has over 300 sunny days a year, and the extra energy produced is sold to make extra income for the municipality.

Goal project



The main aim of the project is to power the municipality with renewable energy sources and reduce the carbon footprint of the municipality. Another aim of the project is to be an example to other small municipalities and show them that it is possible to use renewable energy sources to their advantage.

Result project

The project took 120 days and was finished in April. The photovoltaic central created around 200kw of energy, which more than covers the needs of the municipality. Due to the differences between calculation in theory and application, the monthly usage of energy is currently being re calculated.

Finance (costs and benefits)

400.000 Euro (300.000 Euro grant from Izmir Development Agency, 100.000 Euro financed by Seferihisar Municipality)

Staff (time use and saving)

1 technical personnel and 1 project manager have worked full time on this project

Additional information (if necessarily)

Link website .....

(if available)

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