

„Construction of photovoltaic modules system in 10 municipal schools “



The southeast region of the country has more than 300 sunny days during the year which is a huge potential for exploiting of the Sun as a natural source of energy. In the Region, there are few public objects for production of energy through the usage of the renewable sources of energy.

The construction of 10 systems of photovoltaic modules and their implementation as a part of an electrical installation and power supply implemented in accordance with the ISO 9001:2000 standard means placing of photovoltaic modules on an individual system for producing of electricity in 10 schools in the region.

Knowing the average insolation of a unit surface in the whole Region, this kind of system is planned to have a production of approximately 28 MWh of electricity on an annual level, which means a save from 220.000,00 MKD annually, regarding to the current market price of the electricity for the end customers.

The end users of this project are going to be the 10 schools from the Region, one from each Municipality: Bogdanci, Bosilovo, Valandovo, Vasilevo, Gevgelija, Dojran, Konche, Novo Selo, Radovish and Strumica. Target groups in the project are the students in the schools, the teachers or 10.000 end users



Short description of the project:

Project leader:

- Centre for Development of the South East Planning Region

Project partners:

- Municipality of Bogdanci
- Municipality of Bosilovo
- Municipality of Gevgelija
- Municipality of Dojran
- Municipality of Konche
- Municipality of Novo Selo
- Municipality of Valandovo
- Municipality of Vasilevo
- Municipality of Strumica
- Municipality of Radovish

Duration:

6 months

Financed by:

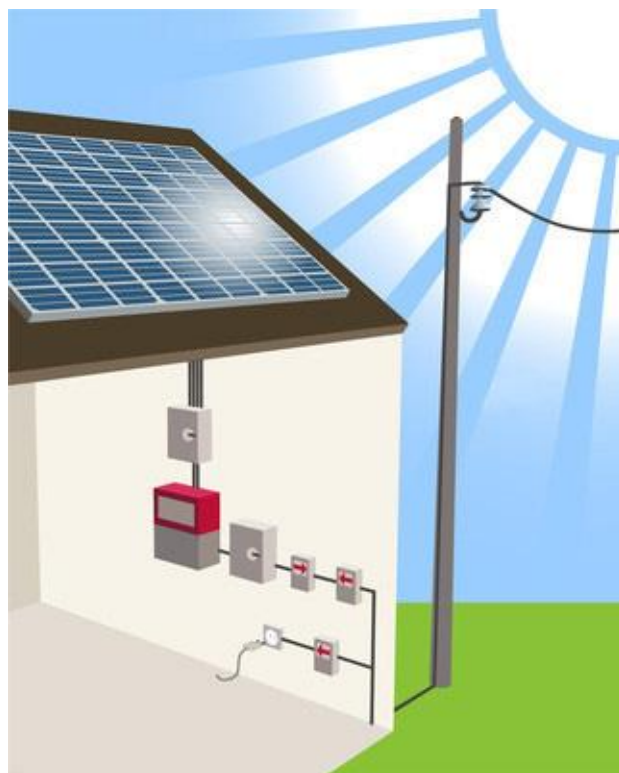
- Bureau for Regional Development
- Centre for Development of the South East Planning Region
- Municipality of Bogdanci
- Municipality of Bosilovo
- Municipality of Gevgelija
- Municipality of Dojran
- Municipality of Konche
- Municipality of Novo Selo
- Municipality of Valandovo
- Municipality of Vasilevo
- Municipality of Strumica
- Municipality of Radovish

Objective of the project:

The overall objective of this project is to raise the awareness and knowledge for the impact of the environment and the economic efficiency of the using renewable sources of energy among youth, as well as a save of energy and energy efficiency in the municipal schools and local self-governments in the Region

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Objective of the project

Placing of 10 photovoltaic modules in an individual system for producing of electricity in 10 municipal schools in the region. This will provide a save in the consumption of electricity and environmental protection trough the usage of renewable sources of energy.

Results of the project

- Prepared technical documentation for 10 photovoltaic modules for 10 schools in the Region;
- Mounted 10 photovoltaic systems for producing of electricity;
- Save of electricity;
- Save of finances;
- Improved knowledge for the usage of renewable sources of energy.