



**2007CB16IPO007-2012-2-94**

**Project title**

Efficient usage of solar energy for better future - SP-FUTURE

**Axis**

Priority Axis 2. Improvement the Quality of Life

**Area of intervention**

2.1. Utilization of eco resources

**Lead Partner**

Centre for development of the South-East planning region - Strumica

**Partner 2**

Municipality of Strumica

**Partner 3**

Association of South- Western municipalities - Blagoevgrad

**Partner 4**

Municipality of Petrich

**Duration**

24 months

**Total budget**

432 392.40 EUR



**Project description**

Project focused on identified target groups motivated to contribute to protecting the environment, but they need a positive example and a role-model project. Thus, two schools in both municipalities were equipped with photovoltaic panels to harness and use sunlight as energy - Elementary school "Sando Masev" Strumica and primary school "Anton Popov" Petrich. Investments being made in the project is expected to save 40% of the used electricity. Using the technology teachers who participated in the project through joint training of students, field visits, workshops, games and other tools encouraged friendly attitude towards nature and economic savings in formal education.

**Result:**

- Two primary schools are vitalized according EU environmental standards for the energy efficiency- usage of Solar power plant;
- Promotion of regional Community renewable projects;
- Prepared draft Carbon cutter programme for Municipality of Strumica and Municipality of Petrich;
- Annual cost for electricity (used) in the primary schools are reduced up to 50%;
- Ten teachers are trained peer-educators in the regions (South-east in MK and South-west in BG);
- Network of teachers working on environmental topics is introduced;
- One guide for preparation of the lessons plan is developed (for the primary school);
- One study visit for the teachers is organized;
- Regional Energy Education programme is established;



 -  IPA Cross-Border Programme





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- 200 students from primary and intermediary schools in two border regions has been coached on Renewable energy sources including biomass, hydropower, geothermal, wind and solar.

The project has been successfully accomplished in July 2014.





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