



PREP

Promotion of Resource
Efficiency Projects

PREP Topic: Energy in Schools

Background:

The effects of energy use are global. All sectors of society have important roles to play in ensuring that energy is managed more efficiently. As school buildings usually have great potential for improving energy efficiency and school children can benefit from increased knowledge of how to use energy efficiently, schools are a promising location of addressing energy savings.

Schools usually have high energy consumption because of high heating requirements and high electricity consumption for lighting and equipment. Investments into building and technology as well as more conscious user behaviour can lead to considerable energy savings. Therefore schools are ideal teaching tools that can be used to implement energy efficiency and renewable energy projects.

Next to energy efficiency also many renewable energy projects – mostly solar energy - at schools exist. Such solar systems at schools do not only provide clean and renewable energy but offer exciting hand-on educational opportunities for students.

The implementation of energy projects can be connected with investment possibilities for teachers, parents and students. Some projects for example combine renewable energy and energy efficiency with an offer for an interesting “green capital investment” for everybody.

Practical application requires theoretical knowledge. Therefore, energy education at schools, in particular addressing the topics of energy efficiency and renewable energy is of great importance. Students become more aware of energy-related problems, and how they can contribute to a switch-over to a more sustainable energy use. Energy education does not only enhance awareness among children but also among teachers, parents and the community.

WISIONS is searching for good practice of energy in schools and invites everybody to send in their good practice examples.

Fields of Interest include:

- Special energy education programmes at schools
- Energy saving projects at schools
- Renewable energy projects at schools (e.g. combined with investment possibilities)