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Case study

Fritz Karsen School



Energieberatung Prenzlaur Berg

YEP! Partner No: 3



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Best Practice Case Study

Description of Fritz Karsen School

Fritz Karsen School is one of the five comprehensive schools we selected for the YEP project. We chose this school because there was a big interest in European projects as well as the teacher were very interested in collaboration with external experts. They even wanted support in saving energy. Most of the teachers thought that is important to deliver sustainable energy education to students. They wanted to focus more on energy and ecological issues.

Background of YEP!

YEP! aims to increase sustainable energy practices in secondary schools and workplaces by empowering pupils (14-18 years) with relevant knowledge and skills. Using the school as a training ground for acquiring an understanding of energy issues and their management pupils transfer their acquired knowledge to a workplace. Through this activity carbon emissions can be reduced. Additionally the project actively illustrates the practical applications of these skills to the workplace and raises pupil awareness of potential career opportunities.

Objectives:

To provide an educational programme, resources and method that can be used as a framework for schools wishing to undertake similar projects with work places.

- Energy efficiency programmes established in participant schools and workplaces
- An evaluation that demonstrates the project work effectiveness and indicates its potential for wider application
- A dissemination of project work aimed at inciting similar actions in new schools and workplaces

- Increased awareness about the opportunities for applying energy related skills and knowledge to future careers.

Funding and Management:

YEP! pilot project in Gloucestershire had a 187 545, 00 euro budget , 50% funded by European Agency for Competitiveness and Innovation, Energy Intelligent Europe and match funded by Gloucestershire County Council. It was internationally coordinated and locally managed by Severn Wye Energy Agency, UK.

Implementation in Fritz Karsen School



We presented the YEP project at the school conference so all teachers had the possibility to get the information about YEP. We had different meetings with the most interested teachers and discussed with them how to implement energy topics in the normal curriculum. We tried to spread the thought to implement energy topics in different subjects apart from physics and science. We collected and created materials for the teachers which they could use in their lessons. After choosing a class of each school taking part in the project the YEP project was introduced to the pupils. In the first two months the pupils have been taught by their teachers about the basics of energy saving, energy management and energy efficiency.

Key features of success

This school stand out as best because of the excellent collaboration with the responsible teachers as well as the interest in energy efficiency topics of the motivated pupils.

Identified Results

The pupils carried out an energy audit in their school building which was accompanied by EBPB. The pupils got to know their school building as an energy consumer and they also tried to focus on weak points of the building. In few cases the results of the energy survey as well as a small article were published on the school homepage. The project was successful in increasing awareness in teachers of energy efficiency, renewable energy sources and climate change and how to educate pupils on these issues.

Most of the teachers think that is important to deliver sustainable energy education to students. They want to focus more on energy and ecological issues.

Future Plans

Fritz Karsen School is planning to carry out a new European project.



Contact Information:

**Heiner Matthies
Project Manager**

Energieberatung prenzlauer Berg

Schönhauser Allee 63, 10437 Berlin

Tel. 030. 44 04 25 68

Fax. 030. 44 04 26 34

E-mail: info@energieberatung-pb.de

Local Project Website:

<http://www.energieberatung-pb.de/eu-projekte/yep/projektbeschreibung.html>

Project website:

www.youngenergypeople.com