
Teacher Training Renewable Energy

Project

Duration

Oct 2011 - Mar 2014

Knowledge about energy and renewable energy in particular is crucial for the future of young people. Teachers are instrumental in integrating these issues in school curriculums. However, the training of teachers in Germany is inadequate in the subject of renewable energy issues. The project "Anchoring renewable energy in teacher training" therefore developed new tools and concepts to integrate energy education in teacher training. The Ecologic Institute contributed to the project by developing the content of educational materials and will carry out training seminars. The project was lead by the UfU-Institute.

The project aimed to improve the capacities of future teachers in regards to their knowledge about renewable energies and also to identify methodologies that may help teachers share this knowledge in schools. Targeting this new generation of teachers as "knowledge brokers" is particularly important given that these youngteachers are usually open for new topics and methods. Within the project supportive teaching methods and materials for eight energy topics will be developed. They include:

1. Basic knowledge energy transformation and renewables
2. Energy saving
3. Energy efficient buildings
4. Experiments with renewables
5. Interdisciplinary energy projects in schools
6. Alternative mobility
7. Green jobs
8. Energy scenarios

These materials is available online and disseminated throughout Germany.

The project builds on the former "powerado plus" project that was also supported by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety. Within that project four different renewable energy seminars for teacher training were developed. As the high demand for seminars exceeded the projects scope, this new project, was developed.

Funding

[Federal Ministry for Environment, Nature Conservation and Nuclear Safety](#) (BMU), Germany

Partner

[Independent Institute for Environmental Issues](#) (UfU), Germany
[Solare Zukunft](#), Germany
[Ecologic Institute](#), Germany

Team

Stephanie Wunder
Christine Lucha
[Eike Karola Velten](#)
[Dr. Camilla Bausch](#)
Gesa Homann LLM
Florian Streng

Duration

Oct 2011 - Mar 2014

Project ID

[2373](#)

Keywords

[Climate](#)
[Education](#)
[Energy](#)
Energy, renewable energy, climate, education, teacher training, schools
Germany

Source URL: <https://www.ecologic.eu/4549>