



## **Geschwister-Scholl-Realschule**

- Own school program – students age 10 - 16
- Comenius Program “Quality Development in schools
- Special curricula for science teaching
- Cooperation
  - the University of Education in Heidelberg
  - “Landesmuseum für Arbeit und Technik”
  - University of Applied science in Mannheim



## **TSP: Teacher-Scientist-Partnership**

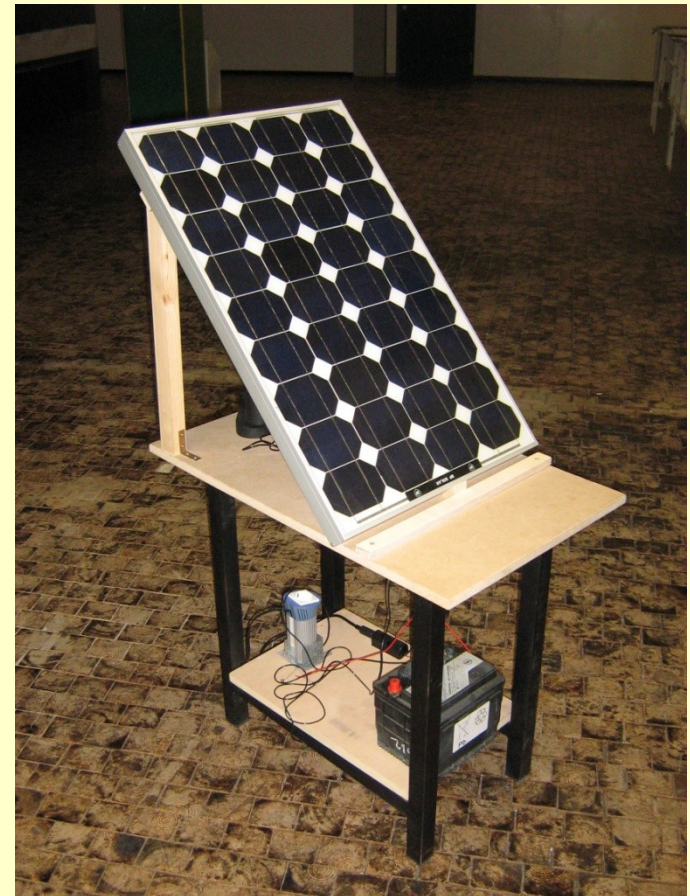
- Overall aim is to identify the needs of science teachers to prepare them for teaching authentic science, according to national and local conditions. Specifically, we devise bottom-up approaches and identify evidence-based practice for integrating teacher development, student learning and school development into innovative project work with research institutions.
- Another important fact is improving student learning by involving them in practical tasks in authentic research environments as well as improving teaching methodology of teachers and designing innovative learning environments. Integrating external learning into schooling on regular basis is essential

## „Regenerative Energie“

19 students were involved in this group. 6 teams worked on different projects about using solar energy. The motto was: “If we use new forms of energy, we will reduce the output of carbon dioxide”.

The students worked together in teams of 3 – 5 students started in September with their own ideas and finished their projects in December.

In cooperation with tutors of the laboratory “science-live!” the students were devoted to the topic climate and energy.



## „Umweltmobil“

- Measuring different data of the air
- Measuring CO<sub>2</sub> on the roof of the Geschwister-Scholl-Realschule
- Comparing with data of PH Heidelberg
- Learning about different measuring systems
- communication about the measurement

