

SPARE Involves Families

One important function of SPARE schools is to communicate with families, neighbours and local society about good energy habits and sustainable solutions.

The families are involved through energy-saving measures at home. Informational posters are prepared and leaflets are taken to neighbours by the pupils. The pupils also initiate round-table discussions or other events and performances to spread their messages.

Low-Cost Energy Measures

The kids' messages reach their targets, and we see that adults start to ask for practical energy solutions. SPARE coordinators cooperate with schools and local society to implement practical low-cost energy-efficiency and renewable-energy measures for school buildings and for private homes.

• In Kyrgyzstan, the SPARE coordinator has developed a project to encourage production of hot water using low-cost solar collectors and locally available materials in a number of Kyrgyz regions.

• In Varzob, Tajikistan, pupils have improved their local school building by sealing cracks, changing windows and adding insulation in the roof and floor. As a direct result, now the kids can use their school during winter without having to wear their coats inside the building.

• In Rivne, Ukraine, the city is renewing its district heating system. The city administration has involved all schools in work with SPARE as a means to inform the public about the importance of energy awareness in private homes.



Small Energy Projects - Donations are Welcome

Pupils and teachers have identified a number of small practical projects needing funding in the range of 170-400 USD. The measures are effective and not very expensive, but are still too expensive for them to implement without financial help. Repairing windows, improving insulation - even simple small measures can help to save energy in schools, make them warmer and more comfortable for pupils, especially in wintertime.

SPARE started in 1996. It was initiated and has been coordinated by the Norwegian Society for the Conservation of Nature (FoE-Norway, and INFORSE-Europe member).

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JOIN SPARE

Does your class or your school want to join SPARE?
Would you like to become a partner ?
Would you give a donation supporting an energy-saving project in a school?

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www.spareworld.org



JOIN

SPARE - an educational program on energy and environment for kids between the ages of 10-14

SPARE - transforms a global concern into practical school activities

SPARE - a network of national environmental NGOs

SPARE - implemented in 14 countries Eastern Europe, Caucasus & Central Asia



Children Take Action!

Several thousand schools in 14 countries thus far are working with the SPARE educational programme. Through SPARE, pupils learn how to use energy and resources efficiently. Active SPARE schools teach their students to use energy

and resources efficiently as well as sustainably; they implement practical measures toward those ends; and they inform their respective neighbourhoods of these achievements.

National NGOs coordinate these educational activities in each country. At the same time, they promote the inclusion of energy- and environment-related programs in their respective nations' educational plans. The NGOs also advocate for use of simple energy-efficiency technologies as well as of renewable energy sources.

SPARE educational material is aimed at pupils between the ages of 10 and 14. It has been developed by environmental NGOs along with teachers, evolving over 10+ years of active use in schools. The main implementation strategy is to adapt teacher guides and methodologies to each country, training the teachers as needed. Teacher training is often done in cooperation with institutions that already offer retraining programs for educators.

School activities provide an efficient channel for energy information and for promoting energy efficiency in households. SPARE helps national NGO coordinators, schools and other partners to develop and to implement simple low-cost measures in energy efficiency and renewable energy for schools as well as for private homes.

SPARE's many partners in different countries range from ministries of education and environment, to institutes for retraining of teachers, to local administrations, to UNDP and other local donors and organisations. You are welcome to join them as partners in promoting sustainable energy!

Competition – SPARE's annual national and international competitions for schools began in 2006. The winners are selected by an international board at the end of the school year.

Educational Basis

SPARE's primary educational instrument is a TEACHERS' MANUAL. The manual contains information on general energy questions. It suggests ways in which common energy services can be provided sustainably through efficiency and renewable energy. Each active country adapts the materials to its local energy and pedagogical situations, developing additional material on methodologies, practical activities and the national energy situation.

Many of the countries in which SPARE is active are fairly new to the use of educational programs about energy, resources and environmental issues. SPARE schools serve as instructive examples, highlighting successful ways to integrate theory and practice into educational work. They illustrate the effectiveness of education systems as societal centers of information on sustainable energy. These achievements fortify the efforts of SPARE coordinators who advocate actively to include in their respective national educational plans issues related to energy and environment.



The manual is available in many languages, among them Russian, Armenian, Georgian, Azeri, Turkmen, Kazakh, Kyrgyz, Tajik, Uzbek, Polish, Ukrainian, Moldovian.

An important task for SPARE is to train teachers. Training provides updates on sustainable development and on efficient use of resources. It also covers ways in which the global challenges can be transformed into practical education.

Learning and Doing

SPARE pupils know that saved energy is the cheapest and cleanest energy available. The educational activities are based on practical tasks and include implementation of real energy-saving measures. The kids investigate the actual situation, then effect simple saving measures at school and at home, for example:

- Insulating windows in Apatity;
- Measuring electricity consumption Uzbekistan;
- Sealing windows with plastic.



The pupils understand that future energy production must be clean. They learn to see the importance of using renewable energy and of recycling. They do small practical projects using renewable energy in their school or at home, such as: making models of renewable energy; and making solar devices.



SPARE - ШПИРЭ