



INFORSE-EUROPE

International Network for Sustainable Energy



About the Centre for Traditions and Rural Sustainable Development in Brusturoasa, Romania

by

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Prietenii Pamantului / CAN-RO

*INFORSE-Europe
Sustainable Energy NGO Seminar*

October 6-8, 2010

Centre for Alternative Technologies (CAT), Wales, UK

http://www.inforse.org/europe/seminar2010_CAT.htm



Romanian Small Communities, Schools and Non-governmental Organisations Promote Climate Friendly Solutions

Main outcome: the Centre for Traditions and
Rural Sustainable Development in
Brusturoasa, Romania



Summary

- Brief project's presentation
- Project's results
 - Local energy policies
 - The Center for Traditions and Sustainable Development in Brusturoasa & 3 demonstrative projects in small communities
 - Work in schools
 - National energy policies involvement
- Conclusions
- Our philosophy
- Everyone can help!

Brief project's presentation

- Financed by the Norwegian cooperation program in Romania
- Aims to increase Romania's capacity to reduce climate change effects through:
 - Education
 - Empowering local communities to approach energy efficiency and renewables.
- 7 Romanian NGOs involved (members of CAN-RO) + the Norwegian partner

Projects results / local energy policy

- Creating LCEPs (Local Committee for Energy Planning) in 4 communities and training its representatives
- Creating an energy profile for Brusturoasa and drawing an action plan
- Replicating this model in 3 other small communities in Romania (Sarulesti, Sovata and Piscu)



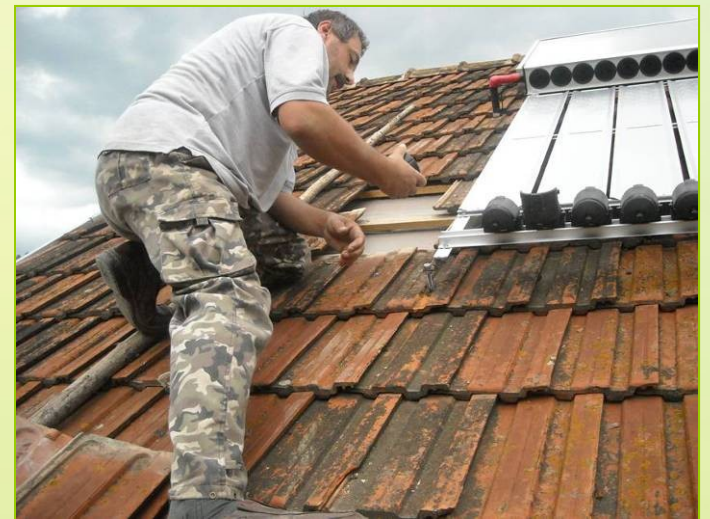
Project's results / local policy

- Indirect results are already showing:
 - The local authorities from Brusturoasa won a project in the “Green House” programme (financed by the Romanian Ministry of Environment)



Project's results / the Center in Brusturoasa

- Building a “Center for Traditions and Sustainable Development” in Brusturoasa (aprox. 80% done)
- Equipping the Center with demonstrative installations to demonstrate renewables' and energy efficiency's viability



Project's results / the Center in Brusturoasa



Project's results / the Center in Brusturoasa

- Now, with this demonstrative center, we can show many examples on how:
 - to build
 - to get the needed energy
 - to use it in a sustainable way



Project's results / the Center in Brusturoasa

Local people, visitors and trainees can see at the centre:

- A 220 sq m wooden construction from local materials and built by local people;
- Roof made of recycled clay tiles recovered from town hall;
- Eco-septic system (the first one installed in the village);
- Low energy consumption lighting system;
- Hybrid solar & biomass heating and hot water production system with 800 l tank-in-tank hot water storage system;
- Small solar PV and wind power system (300 W);
- Small capacity saw-dust pellet mill.



Project's results / the Center in Brusturoasa

At the centre, local people can:

- Learn about local traditional food and crafts;
- Learn about energy saving and the use of renewables in their own houses;
- Learn to be responsible citizens;
- Learn to protect their beautiful environment;
- Produce by themselves traditional food products from forest fruits;
- Produce themselves traditional carpets;
- Produce themselves wooden barrels;
- Produce themselves simple and cost-effective equipment to collect and use renewable energy.



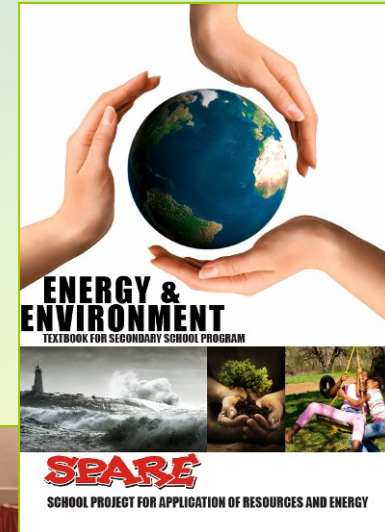
Project's results / other demonstrative projects

- We've established 3 other demonstrative projects:
 - Sarulesti (insulation of the local school – already done);
 - Sovata (public lighting using LED lamps);
 - Piscu (demonstrative solar thermal, solar PV and wind energy systems at school and kindergarten).



Project's results / work in schools

- Preparing a set of educational materials
- Training teachers to implement the materials
- Involving them also in other sustainable development projects
- SPARE contest
- 14 pilot schools involved in the project, 30 more, already attracted for the new school year



Project's results / work in schools



Project's results / National energy policies involvement

- Elaboration of a position letter on energy by CAN-RO
- Participation at COP 15





Beneficiaries



Conclusions

- The project is doing well 😊
- CAN-RO has attracted supplementary funding for SPARE activities
- The demonstrative projects are on time
- Center in Brusturoasa hosted a succesful summer workcamp and other events



Our philosophy

- Dialogue with public and local authorities is crucial
- Cooperation and exchanges with other centres will be a permanent aim
- Attracting financial support for running costs has to be a common task
- That's why networking is one of the most effective and attractive solutions



Everyone can help!

- Organising events, training sessions;
- Visiting the centre and spending few days in a beautiful environment;
- Taking part at summer work camps;
- Collecting and giving demonstrative energy efficient equipment, materials, books and other publications on EE and RE;
- Promoting the centre.



Thank you!
You're welcome to Romania!

