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Resilient nations.*

Improving Energy Efficiency in Low-Income Households and Communities in Romania

BUCHAREST, 17 November 2014

O CAMPANIE ÎN CADRUL PROIECTULUI
"ÎMBUNĂTĂȚIREA EFICIENȚEI ENERGETICE ÎN GOSPODĂRIILE
ȘI ÎN COMUNITĂȚILE CU VENITURI REDUSE DIN ROMANIA"

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The general background of the project

2009 – 210 100,000 USD – GEF Grant for preparing the project document





Implementing partner



Donor



Implementing agency



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Partners at the national level



Partners at the local level



Primaria **Craiova**



Primaria **Calafat**



Primaria **Vulcan**



Primaria **Petroșani**



Primaria **Petrila**



Primaria **Calan**



The general background of the project

Project Goal

- ▶ GHG emissions reduction generated by buildings

Project Objective

- ▶ The general objective of the project is to dismantle the barriers to the implementation of energy efficiency measures among poorer households and in poorer communities in Romania and alleviate fuel poverty.

Budget

- ▶ 3 million USD –GEF grant
- ▶ 119 million USD – co-financing from partners (through projects and programmes under planning or implementation; Ex.: The national rehabilitation programme of MRDAP)

Project duration

- ▶ 2011 - 2015



The main components of the project

1. To improve policies to support energy efficiency in low-income communities
2. To improve capacity at the local level to reduce fuel consumption in low-income communities
3. Direct reduction of energy consumption through community-based retrofits and market development
4. To make data and information available for decision-makers for designing programmes to address fuel poverty



Project Progress – Component 1

- ▶ 5 Inter-Organizational Working Group Meetings organized;
- ▶ 6 National Steering Committee Meetings organized
Trei întâlniri ale Comitetului National de Coordonare;
- ▶ Fuel poverty assessment report (Househam and Musatescu);
- ▶ The projects' consultants have elaborated the following reports:
 - A methodology for assessing Fuel Poverty in Romania;
 - An action plan for the integration of the fuel poverty mitigation measures into national policies;
 - Guidelines for integrating Energy Efficiency issues into the practice of local public administration;
 - Analysis of the existing legal framework in the domain of energy efficiency
 - A national energy efficiency obligation scheme for energy utilities;
 - Legal proposal for directing a percentage of revenues of selling of the AAUs surplus to measures increasing the EE in buildings;
 - Local Council Decision regarding the methodology of charging thermal energy to the end users based on binomial tariffs;
 - Integrated report on summarizing identified sources of financing energy efficiency improvements at national and local level and fuel poverty measures.



Project Progress – Component 2

- ▶ Two training sessions of the Local Public Authorities on EE measures (Petrosani, Craiova – 42 participants);
- ▶ Training curricula for specialists in the domain of construction regarding EE measures and the use of sustainable construction materials;
- ▶ Course of trainer of trainers on EE (96 trainers, 480 specialists trained by these trainers);
- ▶ Training sessions for the 8 development regions (through Development Regions Agencies, 250 pers. instructed);
- ▶ Information materials sent to 50 local municipalities for setting-up Energy Efficiency information points;
- ▶ Analysis and report on existing sustainable building materials, produced locally



Project progress – Component 3

- ▶ Thermal rehabilitation of 7 social buildings in Dolj and Hunedoara counties;
- ▶ 12 sustainable central heating units installed in social buildings in Dolj and Hunedoara counties.



Project progress – Component 4

- ▶ 2 Working group meetings organized;
- ▶ Bilateral discussions with stakeholders at a national level were conducted in order to define the specific IT platform requirements for each stakeholder



Planned activities 2014 – Component 1

- ▶ Quantifying the dimensions of fuel poverty with conclusions and recommendations on future technical and social policies for a better use of social aids;
- ▶ Integration of **at least 2 policy recommendations** regarding amendments of existing energy efficiency in buildings national programmes and strategies, in order to increase investments in EE measures in buildings in poor areas;
- ▶ Integration of two local energy efficiency in buildings policy recommendations aimed to amend development/energy strategies in 2 pilot localities.



Planned activities 2014 – Component 2

- ▶ Elaboration of a handbook for applying (as do-it-yourself projects) sustainable and cheap thermal insulation materials;
- ▶ Launching a thermal rehabilitation caravanne (3 events for promoting the thermal insulation materials and presenting filmed materials);
- ▶ Competition for EE measures implemented at local level;
- ▶ Dissemination of printed materials through the 50 Information Points set-up within the project;
- ▶ Dissemination of the project's results and identified best practices at an international level.



Planned activities 2014 – Component 3

- ▶ Installment of 3 sustainable heating systems in Petrița and 3 sustainable heating systems awarded through the local competition on EE measures implemented.
- ▶ Finalizing the technical analysis of typical apartment block designs and streamlining of the planning and application for government funding of building thermal rehabilitation projects
- ▶ Thermal rehabilitation of up to 33 social buildings using locally produced, EE building materials



Planned activities 2014 – Component 4

- ▶ Creation, operation and maintenance of a registry/ database of social buildings, apartment blocks, and publicly owned housing (through the importing of the Croatian buildings database software in Romania)
- ▶ Training of local municipalities for collecting and introducing data into the building registry
- ▶ Publication and dissemination of the building registry to potential donors and investors to generate investments



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Thank you for your attention!

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