Project Summary

Project Background
The project was part of the program of the German International Cooperation (GIZ) to improve the legal and financial framework conditions for energy efficiency (EE) in buildings and thereby contributed to the implementation of the EU Energy Efficiency Acquis in the country according to its status as contracting party to the Energy Community. It supported the Ukrainian Ministry of Construction and its subordinated structures together with the construction sector in selected municipalities to reduce the energy losses in construction.

Project Objectives
The objective of the project at hand was to develop and implement “Municipal Energy Efficiency Plans” (MEEPs) in selected communities with special focuses on energy saving potentials in construction and housing sectors. The MEEPs deliver a structured way on defining approaches and instruments for an improvement of municipal and residential buildings and a coherent implementation of measures of a longer time period. The results provide input to develop an energy (efficiency) strategy for the construction and building sector in Ukrainian municipalities.

Project Results

Phase I:
• MEEPs are established in 4 municipalities (Ivano-Frankivsk, Chernihiv, Myhorod, Novohrad-Volinskyi) and implementation has started.
• 3 workshops (duration: 1-1.5 days, around 30 participants/workshop) with the aim of facilitating information exchange among the municipalities concerning energy management have been implemented with contributions of international experts on relevant topics.
• Study tour to Germany (10 participants, one week) including visits to different municipalities.
• Organisation of a symposium with 80-100 participants in Ukraine.

Phase II:
• Implementation of a municipal energy management for public buildings in 4 municipalities (see above).
• 4 pilot projects for the extensive refurbishment of public buildings and multi-family houses have been implemented or started.
• 4 municipalities have joined the Covenant of Mayors for municipal climate protection.
• The MEEPs of all 4 municipalities have been integrated in the Sustainable Energy Action Plans (SEAPs).
• Institutions and associations independently implement at least 4 events per year for exchange of experiences, information campaigns and trainings.

Services Provided
• Advising selected municipalities in preparing and implementing SEAPs and MEEPs;
• Improvement of the prerequisites for EE in municipalities: advise concerning relevant municipal energy legislation, energy management, strategic planning of renovation measures in buildings, energy audits, establishment of communal energy monitoring systems, financing and incentive models to promote EE;
• Assessment of the current state of the Energy Management Systems in municipalities;
• Organisational development including support in setting up of a unit/office for „Municipal Energy Management” within the city administration and training of personnel;
• Development of network structures between municipalities; planning and implementation of workshops for the information exchange of municipalities and transfer of know-how on e.g. political instruments to increase EE in buildings, monitoring & evaluation systems, technical design;
• Support to the municipalities in the implementation of building pilot refurbishment projects (typical multi-family residential, school buildings and kindergarten): identification of EE measures, strategic planning of renovation measures, preparation of financing plans, budgeting etc.;
• Information campaigns and awareness raising activities e.g. for pilot schools, residents and property owners;
• International know-how transfer (e.g. study tours to Germany);
• Project Management and Administration.

Ukraine

Energy Efficiency for Buildings, Phase I and II

Client
German International Cooperation (GIZ)

Duration
12/2008 - 10/2013

Personnel
• 5 PM internat. Project Coordinator
• 22 PM pool of internat. STE