

Project Summary

Projekt Background

Within German Financial Cooperation with Albania, the energy sector is a key area of cooperation. Currently, a new Energy Efficiency Programme is envisaged with the objective to improve the efficient use of energy in public buildings in Albania. Funding is planned via a FC-development loan of up to 12 million EUR (KfW interest reduced loan). Owners of public buildings shall benefit from the Programme. These comprise e.g. the owners of hospitals, public administration buildings on national, regional and local levels, courts, schools, kindergartens, etc.

Energy efficiency measures shall comprise especially the building envelopes, the heating/cooling and lightning systems. Special attention should be given to a potential use of thermal solar energy. Energy savings of at least 20 % for each energy efficiency investment / building have to be reached.

Project Objectives

Objectives of the Fact Finding mission were to propose an efficient Programme design/structure which includes the major stakeholders such as the borrower of the financial cooperation loan, the owners of the buildings, etc. The mission also analyzed the framework for an EE Programme and covers its need, costs, benefits and potential design.

Project Activities

The main positive result is that a lean programme structure can be achieved. Several partners ascertained that it will be possible to channel portions of the envisaged soft loan from Germany / KfW via its Albanian counterpart, the Ministry of Finance (MoF) - which should give the sovereign guarantee and secure repayments - directly to the beneficiary recipients, i.e. owners of public buildings. These will be above all competitively selected municipalities including Tirana, but could also be central institutions like the MoF itself that owns a number of Revenue Offices or the "Student City". Fortunately, due to high energy prices and scarcity, the awareness of the need to save energy is quite high.

It is not useful to cluster buildings regarding the building type but to develop a catalogue of standard insulation and other technical solutions. Since the buildings have a great similarity regarding building physics (e.g. massive walls), these insulation solutions can be applied to each building type. To achieve the goal of at least 20% energy savings will be easily possible everywhere. Thermo-solar heating will be a good option for buildings that use a lot of hot water such as dormitories that are very common in the country.

There are a number of construction companies that are able to implement the planned measures but they – as well as public officials – will need some training.

Services Provided

- Provision of a financial and banking expert
- Provision of an energy efficiency expert

Albania

Fact Finding for Energy Efficiency in Public Buildings

Client

Kreditanstalt für Wiederaufbau (KfW)

Duration

09/2009 - 10/2009

Personnel

- 2 international STE

