



# Infrastructure and environment

## Efficient Energy Use in Public Buildings

Kosovo\*

*"The conditions in the school were miserable: the windows were so inadequate that during the winter we used to freeze."*

Otan Shehu, one of 850 pupils of Emin Duraku primary school in Gjakovë/Đakovica



### Project Partners

Ministry of Energy and Mining

Ministry of Economic Development

Municipalities and local school authorities

### Facts and Figures

- Total budget: € 1.22 million
- EU contribution: € 1.22 million
- Duration: August 2009 - February 2011

### Context      **Low energy efficiency**

Kosovo faces a big challenge in the field of energy efficiency due to low levels of energy production and high levels of energy consumption. Buildings in Kosovo account for 40 % of the total energy demand, but the building sector pays little or no attention to energy efficiency. Investing in energy efficiency in both new and existing buildings is therefore very important. The EU funded a project to invest in energy-saving measures in public buildings, which brought environmental and economic benefits.

### Objectives      **Reduce energy consumption and pollution**

- The main objective of the project was to reduce the energy consumption and the emission levels resulting from heating. The measures taken supported the Ministry of Energy and Mining (now the Ministry of Economic Development) in its efforts to promote energy efficiency and generation of power from renewable sources.

### Impact      **Greater energy efficiency, comfortable buildings and lower emissions**

- Four schools in Prishtinë/Priština and Gjakovë/Đakovica and the Regional Hospital in Gjilan/Gnjilane have been renovated with insulation, new heating and efficient lighting systems to reduce energy consumption, bills, maintenance costs and pollution.
- The energy consumption in the renovated buildings dropped by at least 40%.
- The temperature inside the schools and hospital improved considerably; from a frosty 14°C to a comfortable 20°C.
- The pollution impact arising from the heating systems decreased considerably.