

## **Three schools and one nursery school in Ruse will improve their energy efficiency**

The municipality will save more than 30 000 BGN after the implementation of the project "Energy Efficiency Improvement Measures in Four Educational Infrastructure Buildings in Ruse".

An initial press conference on the Project "Energy Efficiency Improvement Measures in Four Educational Infrastructure Buildings in Ruse" was conducted today in the Meeting Hall of Municipality of Ruse. The Deputy Mayor and manager of the project, Dr. Strahil Karapchanski and the project management team: Mrs Katya Pavlova, Milena Trifonova, Bistra Popova and Nikolay Simeonov attended the meeting with the media.

During the press conference, Dr. Karapchanski shared that the priority in the Municipality of Ruse is the improvement of the energy efficiency of the municipal buildings, with a special focus on the educational infrastructure. "We take advantage of all opportunities to attract funds from different programmes in order to improve the infrastructure. After we had renovated the 7 schools in Ruse, there will be a repair of the two Nursery Schools "Chuchuliga" and "Radost" within the "Investment Climate Programme" of the "National Trust EcoFund" said the Deputy Mayor Karapchanski.

The project is implemented within the framework of the Programme BG04 "Energy Efficiency and Renewable Energy", Procedure BG04-02-03 "Promotion of Energy Efficiency and Renewable Energy Measures in Municipal and State Buildings and Local District Heating" financed by the Financial Mechanism on European Economic Area 2009-2014.

Construction activities for improving energy efficiency of "Luyben Karavelov" Primary School, "St. Constantine-Cyril the Philosopher" Secondary School of European Languages, "Nikola Obretenov" Primary School and "Nezabravka – 2" Nursery School will be conducted within the project. The total cost of the financing is 825 512,09 BGN and it is 100% grant for the Municipality of Ruse.

This project will improve the achieved results in the finished projects of the Municipality – "Implementing energy efficiency measures in the buildings of seven schools on the territory of the city of Ruse", financed by Operative Programme "Regional Development" (finished in 2012) and "Implementing energy efficiency measures in "Nezabravka-2" Nursery School", financed by the National Trust EcoFund (finished in 2013) where basic measures for energy efficiency have been implemented - roof repair, windows replacement and laying insulation.

Within the project, a branch of the internal heating installation for the accommodations in "Lyuben Karavelov" Primary School will be built, aluminium radiators in the rooms and a ventilation converter for the buffet will be mounted. A ventilation system in the internal accommodation of the buffet will be built as well.

According to preliminary calculations, due to the realized project activities, the expenditures for heating in the school will be reduced by 5% or more than 2 060 BGN per year. In "St. Constantine-Cyril the Philosopher" Secondary School of European Languages, new internal heating installation with 3 independent branches will be built.

The heating radiators will be replaced; individual thermostatic valves and the substation will be replaced as well. A hydraulic module will be also installed for independent supply of the separate branches of the internal heating installation. After the end of the project the expenditures for the heating in the school will be reduced by 20,1% or more than 8 350 BGN per year.

A new closed installation with hydraulic separation of the generators and the consumers of heating will be built in "Nikola Obretenov" Primary School. Construction of new facade division to the heating bodies, a replacement of the old cast-iron and steel radiators with new aluminium ones and mounting of a new hot water gas boiler will be realised in the framework of the project. This will lead to reducing of the expenditures for heating with 19,98% or more than 10 600 BGN per year.

A construction of new internal heating installation in "Nezabravka – 2" Nursery School is also part of the project. The heating radiators in the nursery school will be replaced and individual thermostatic valves will be mounted. The expenditures for the heating in the nursery school will be reduced by 37,8% or more than 8 240 BGN per year due to the construction activities. During the initial press conference it became clear that the aim of the project is to reduce the greenhouse gas emissions.