

GEEP Project – Energy saving systems in an Educational Building

Company saves around 1.3 GWh/year on energy and has more to spend for education

Saving in building operating costs means more money for education

The proposed project includes complete renovation of the existing building heating, cooling and ventilation systems using energy saving solutions. Double glazing, the installation of energy efficient cooling and heating systems together with a Building Management System leads to significant reductions in energy consumption.

Students and staff experience increased comfort in both summer and winter, resulting in better conditions for learning. Reduced energy consumption means not only less expenses, it also contributes to the solution of a global problem – emission of Green House Gases. The installation of energy saving systems saves 420 tonnes CO₂equivalent emission.



The Company

Main activities	University
Region	Tbilisi, Georgia

Project Goal and Main Investments

Project goals	<ul style="list-style-type: none"> Reduce energy consumption through energy saving systems Create more comfort in education facilities
Main investments	<ul style="list-style-type: none"> Double glazed windows Energy saving cooling and heating systems Introduction of Building Management System in building operation
Investment size	Approximately \$ 550,000

Expected Results

Operational results	<ul style="list-style-type: none"> Reduced energy consumption from 3.4 GWh to 2.1 GWh per year Improved building and energy consumption control through introduction of Building Management System Annual energy savings corresponds to \$ 83,000
Investment profitability	<ul style="list-style-type: none"> Payback period of 6.6 years Over 10% IRR on the investment

For more information on how your company can receive financing for energy efficiency projects, visit www.energocredit.ge, or call +995 32 224962.

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