

Energy Efficiency: Energy-saving systems

Saving in operating costs of a university building

Main Investment

Double glazing; new cooling and heating systems; introduction of the Building Management System

Investment Size

~550,000 USD

Operational Results

- Reduced energy consumption from 3.4 GWh to 2.1 GWh/y
- Improved building and energy consumption control through introduction of Building Management System

Investment Profitability

- Annual savings of ~83,000 USD
- Payback period of 6.6 years
- IRR over 10 %



**1,300 GWh or 39% of
energy saved p.a.**



European Bank
for Reconstruction and Development



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