

Energy Efficiency: Refrigeration warehouse

Refrigeration warehouse cuts electrical consumption by 50%

Main Investment

New refrigeration cells, replacement of the old plant with modular units; modern control system

Investment Size

~1,000,000 USD

Operational Results

- Decreased electrical consumption, from 4.75 to 2.35 GWh/y
- Better regulation of the temperatures in the individual cells to meet customers' requirements

Investment Profitability

- Annual savings of ~135,000 USD
- Payback period of 5 years
- IRR over 15 %



**2,400 MWh or 50% of
energy saved p.a.**



European Bank
for Reconstruction and Development



This project is funded by
the European Union



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