



**Bulgarian Energy
Efficiency and
Renewable Sources
Fund**

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Beneficiary “Prolet” No3 kindergarten in the town of
Sandanski, Blagoevgrad Region

Total Project Cost BGN 190 858

Project Credit BGN 143 143

Project Lifetime 20 years

Project Payback 4,5 years

**Energy Saving
Measures**

1. Thermal insulation of external walls and putting mineral wadding;
2. Replacement of old windows with new PVC ones with double glass package and aluminum doors;
3. Thermal insulation of roof slab;
4. Improving the efficiency of heating system by establishing a wood - pellets biomass boiler for heating and hot water supply.

**Project Results:
Expected Savings**

Electricity (kWh/year)	Naphtha/ Diesel (kWh/year)	Wood pellets (kWh/year)	GHG Emissions (t CO ₂ eqiv./year)
32 309	337 490	-81 509	191 t.

