



**Bulgarian Energy  
Efficiency Fund**

4 "Kuzman Shapkarev" Str.  
Sofia 1000, Bulgaria  
Phone: +359 2 81 000 80  
Fax: +359 2 81 000 05  
E-mail: [info@bgeef.com](mailto:info@bgeef.com)  
Web: [www.bgeef.com](http://www.bgeef.com)

**Debtor** Dupnitsa Municipality

**Beneficiary** Kindergartens "Detelina", "Kalina" and  
"Prolet", the town of Dupnitsa

**Total Project Cost** BGN 589 262

**Project Credit** BGN 441 947

**Project Lifetime** 20 years

**Project Payback** 4,8 years

**Energy Saving  
Measures** 1. Thermal insulation of walls;  
2. Replacement of the joinery with PVC;  
3. Thermal insulation of the roof;  
4. Increasing of the capacity, reparation  
and automation of heat supply;  
5. Adjustment of the burner and  
reconstruction of the domestic hot water  
system;  
6. Reparation of the heating installation;  
7. Replacement of the illumination.

**Project Results:  
Expected Savings**

Electricity (kWh/year)	Thermal Energy (kWh/year)	GHG Emissions (t CO <sub>2</sub> /year)
<b>55 752</b>	<b>560 197</b>	<b>352</b>

