

EUROPEAN UNION COVENANT OF MAYORS DEMONSTRATION PROJECTS: RESULTS IN FIGURES

Modernization of the District Heating and Lighting Systems, Installation of the Solar collectors in the Kindergarten in the City of Braslav

Project budget:	735,140 EUR
EU grant:	584,363 EUR (80%)
City contribution:	150,777 EUR (20%)
Project duration:	2015-2018
Beneficiary:	Community of Braslav district

WHAT HAS BEEN DONE?



Refurbishment of the district heating system

- Three biomass boilers installed (3 MW, 1 MW, and 500 kW)
- 2,069 m of pre-insulated district heating pipes installed
- Auxiliary equipment (pumps, pipes, electronic heat meters)



Modernization of the street lighting system


- 54 LED lamps installed
- 5 solar street luminaries installed




Installation of the solar collector in the kindergarten

- 5 evacuated tube solar collector installed
- 2 hot water storage tanks installed
- Auxiliary equipment (pumps, pipes, electronic heat meters)
- A dishwashing machine purchased


WHAT HAS BEEN ACHIEVED?


 3,442 MWh/y of energy savings

=


 annual energy consumption of 188,603 mobile phones

=


 annual energy consumption of 31,870 TVs


 4,075 t/y reduction of CO₂

=


 annual emissions from 2,612 new cars

=


 185,227 trees needed to be planted to absorb such amount of CO₂

 10,600 MWh/y of clean energy production from renewable energy sources

=

 annual energy consumption of 580,822 mobile phones

=

 annual energy consumption of 98,148 TVs



Monetary savings 151,913 EUR annually

=

0.7 % of the total budget of Braslav district

WHO BENEFITS?



9,829 inhabitants of the town of Braslav can feel more comfortable and safer in the streets during the nighttime



114 children have more comfortable temperature and humidity conditions in the kindergarten



30 staff members of the kindergarten work in more comfortable indoor conditions and can use generated hot water for dish-washing



40 people (project team, construction workers, experts, etc.) involved in project implementation contribute to local economic development

The Covenant of Mayors is the world's largest movement for local climate and energy actions, supported by the European Union. In the Eastern Partnership region, over 400 local authorities have voluntarily committed to reduce their CO₂ emissions by at least 20% by 2020 or 30% by 2030. The European Union has been supporting the Initiative in Eastern Partnership countries since 2011 with its technical, methodological and financial assistance of over 30 million Euro. This includes grants and tailor-made technical support for 34 municipalities for demonstration projects since 2015, predominantly in the area of energy efficiency.

Covenant of Mayors – Demonstration Projects

1/3, Kostomarova str., office 5
79005 Lviv, Ukraine
T/F: +38 (032) 253 87 04/05
Facebook: COMDEP2014
com-dep.eu

Braslav District Executive Committee

119 Sovietskaia Street,
211969, Braslav, Belarus
braslav.vitebsk-region.gov.by
Contact person: Elena Giron,
braslav.proekt@gmail.com