

EUROPEAN UNION COVENANT OF MAYORS DEMONSTRATION PROJECTS: RESULTS IN FIGURES

Thermal Refurbishment of 2 Kindergartens and 2 Schools in the Town of Zhmerynka

Project budget:	913,674 EUR
EU grant:	727,561 EUR (80%)
City contribution:	186,113 EUR (20%)
Project duration:	2015-2018
Beneficiary:	Community of Zhmerynka municipality

WHAT HAS BEEN DONE?



Thermal refurbishment of the kindergarten #3 "Veselka"

- Comprehensive thermal refurbishment of the building (walls, roof, plinth, basement ceiling windows and doors)
- New ventilation systems installed
- Internal heating system refurbished



Thermal refurbishment of the kindergarten #4 "Vyshenka"

- Comprehensive thermal refurbishment of the building (walls, roof, plinth, windows and doors)
- New ventilation systems installed



Thermal refurbishment of the school #3

- Comprehensive thermal refurbishment of the building (walls, roof, plinth, windows and doors)



Thermal refurbishment of the school #4

- Comprehensive thermal refurbishment of the building (walls, roof, plinth, windows and doors)

| WHAT HAS BEEN ACHIEVED?



570 MWh/y energy savings

=



annual energy consumption of 31,233 mobile phones

=



annual energy consumption of 5,278 TVs



134 t/y, or 31% reduction of CO₂

=



annual emissions from 7,685 new cars

=



45,479 trees needed to be planted to absorb such amount of CO₂



Monetary savings 62,000 EUR annually

=

0.4% of the total budget of Zhmerynka municipality

| WHO BENEFITS?



407 children have more comfortable temperature and humidity conditions in the kindergartens



1,805 pupils have more comfortable indoor conditions in the schools



261 staff members of the schools and the kindergartens work in more comfortable indoor conditions



42 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

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