

European Union Covenant of Mayors

Demonstration projects: expected results in figures

Project: Thermal refurbishment of 2 Kindergartens, a Lyceum and Gymnasium in Cantemir (Republic of Moldova)

Country	Republic of Moldova
Region	South region
Municipality	Cantemir
Covenant Signatory since	March, 2013
Sustainable Energy Action Plan approved	August, 2014
Sustainable Energy Action Plan targets by 2020	CO ₂ emission: -20%
Demonstration project duration	January, 2018 – January, 2021
Demonstration Project budget, incl.	951,712 EUR
European Union grant	674, 240 EUR
City contribution	277,473 EUR



What is to be done?

- Thermal refurbishment of the Kindergarten #2 "Curcubeul"
- Thermal refurbishment of the Kindergarten #1
- Thermal refurbishment of the Eminescu Gymnasium
- Thermal refurbishment of the Cantemir Lyceum
- Construction of boiler house/Installation of biomass boiler to serve Kindergarten #2 and Eminescu Gymnasium



Who will benefit?



303 children will have more comfortable temperature and humidity conditions in the kindergartens.



643 pupils will have more comfortable indoor conditions in their schools.



151 staff members of the schools and kindergartens will work in more comfortable indoor conditions.



58 people (project team, construction workers, experts, etc.) are to be involved in project implementation will contribute to the local economy.



EU4Energy



Covenant of Mayors
for Climate & Energy

Demonstration Projects
Eastern Partnership

What will be achieved?



1,646 MWh/y, or 60 %
energy savings

=

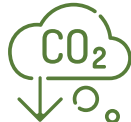


annual energy consumption
of **90,192 mobile phones**

=



annual energy
consumption of **15,241 TVs**



699 t/y, or 84 % reduction
of CO₂

=



annual emissions from
448 new cars

=



31,773 trees needed to
be planted to absorb such
amount of CO₂



678 MWh/y, production, or
100 % clean energy from
renewable energy sources
for heating of kindergarten
#2 and gymnasium

=



annual energy consumption
37,151 mobile phones

=



annual energy
consumption of **6,278 TV**



Monetary savings **91.817 EUR annually**

15 % of total budget of Cantemir municipality

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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