

## EUROPEAN UNION COVENANT OF MAYORS DEMONSTRATION PROJECTS: RESULTS IN FIGURES

### Modernization of the District Heating System, Refurbishment of a School and a Kindergarten in Hola Prystan

Project budget:	<b>881,863 EUR</b>
EU grant:	<b>700,000 (80%)</b>
City contribution:	<b>181,863 EUR (20%)</b>
Project duration:	<b>2015-2018</b>
Beneficiary:	<b>Community of Hola Prystan municipality</b>

## | WHAT HAS BEEN DONE?



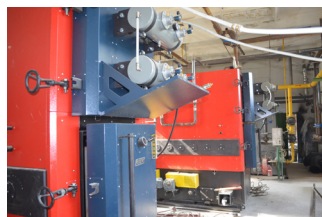
### Thermal refurbishment of the school

- Comprehensive thermal refurbishment of the building (walls, attic, windows and doors)
- Internal heating system refurbished



### Thermal refurbishment of the kindergarten

- Internal heating system refurbished
- 14 exterior doors replaced
- Roof protection layer renovated



### Refurbishment of the district heating system

- Two biomass boilers installed, 320 kW each
- 370 m of pre-insulated district heating pipes installed
- Auxiliary equipment (pumps, pipes, electronic heat meters)

## WHAT HAS BEEN ACHIEVED?



741 MWh/y energy savings

=



annual energy consumption of 40,603 mobile phones

=



annual energy consumption of 6,861 TVs



410 t/y reduction of CO<sub>2</sub>

=



annual emissions from 263 new cars

=



18,636 trees needed to absorb such amount of CO<sub>2</sub>



783 MWh/y of clean energy production from renewable energy sources

=



annual energy consumption of 42,904 mobile phones

=



annual energy consumption of 7,250 TVs



Monetary savings 66,500 EUR annually

=

1.4 % of the total budget of Hola Prystan municipality

## WHO BENEFITS?



**261 children** have more comfortable temperature conditions in the kindergarten



**494 pupils** have more comfortable indoor conditions in their school



**125 staff members** of the school and kindergarten work in more comfortable indoor conditions



**37 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 CO<sub>2</sub> 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.

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