

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

### Modernization of the District Heating System and the School in the Town of Novovolynsk

Project budget:	1,151,166 EUR
EU grant:	920,933 EUR (80%)
City contribution:	230,233 EUR (20%)
Project duration:	2015-2019
Beneficiary:	Community of Novovolynsk municipality

## | WHAT HAS BEEN DONE?

### Thermal refurbishment of the school #7

- Comprehensive thermal refurbishment of the building
- Centralized ventilation system installed
- Internal heating system refurbished



### Refurbishment of the district heating system

- Decommission of the non-effective boiler house
- Reconnection of existing consumers to 2 neighboring boiler houses
- Installation of 822 m of pre-insulated district heating pipes



## | WHAT HAS BEEN ACHIEVED?



1,713 MWh/y energy savings

=



annual energy consumption of 93,863 mobile phones

=



annual energy consumption of 15, 861 TVs



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

=



annual emissions from 287 new cars

=



20,364 trees needed to be planted to absorb such amount of CO<sub>2</sub>



**Monetary savings**  
102,564 EUR annually



**0.5 % of the total budget of**  
Novovolynsk municipality

## | WHO BENEFITS?



**6,300 inhabitants** of the residential buildings in Novovolynsk connected to the district heating grid



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



**70 staff members** of the school work in more comfortable indoor conditions



**36 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.

### **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

### **Novovolynsk Town Council**

27, Druzhby Avenue  
45400, Novovolynsk, Ukraine  
novovolynsk-rada.gov.ua  
Contact person: Oleksandr Hromyk, sasha309@i.ua