

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

### Modernization of the street lighting systems in the towns of Cantemir and Ocnita

Project budget:	500,000 EUR
EU grant:	400,000 (80%)
City contribution:	100,00 EUR (20%)
Project duration:	2015-2020
Beneficiary:	Communities of Cantemir and Ocnita municipalities

## | WHAT HAS BEEN DONE?

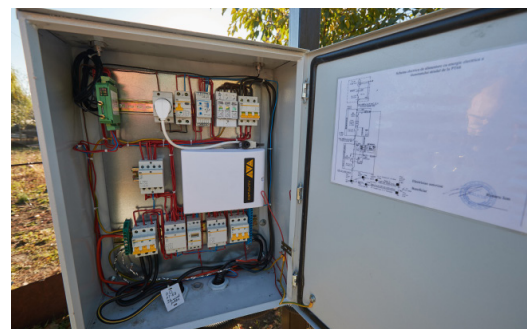
### Modernization of the street lighting system in Cantemir

- 416 LED lamps installed
- 11.2 km of cables replaced
- A new street lighting control system put into service including dimming (real-time, Internet-based)




### Modernization of the street lighting system in Cantemir


- 386 LED lamps installed
- 13.6 km of cables replaced
- A new street lighting control system put into service including dimming (real-time, internet-based)




## WHAT HAS BEEN ACHIEVED?


 567 MWh/y, or 86%  
energy savings

=


 annual energy  
consumption of 31,068  
mobile phones

=


 annual energy  
consumption of 5,250  
TVs

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

=

 annual emissions from  
172 new cars

=

 12,182 trees needed to be  
planted to absorb such  
amount of CO<sub>2</sub>



**Monetary savings**  
23,857 EUR per year

=

**4% of the total**  
**budget of Cantemir**  
**municipality**



**Monetary savings**  
44,592 EUR per  
year

=

**7% of the total**  
**budget of Ocnita**  
**municipality**

## WHO BENEFITS?



**5,000 inhabitants** of Cantemir and **9,000 inhabitants** of Ocnita can feel more comfortable and safer in the streets during the night time



**28 people** (project team, construction workers, experts, etc.) involved in the project implementation will 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 amounting to over 30 million Euros. 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

### The Alliance for Energy Efficiency and Renewables (AEER)

66/1, Mihail Kogalniceanu Street  
2012, Chisinau, Moldova  
aeer.md  
Contact person: Irina Plis, aeer.moldova@gmail.com