

EUROPEAN UNION COVENANT OF MAYORS DEMONSTRATION PROJECTS: RESULTS IN FIGURES

Modernization of the District Heating System in Zhovkva and the Street Lighting System in Sambir

Project budget:	874,736 EUR
EU grant:	699,789 EUR (80%)
City contribution:	174,974 EUR (20%)
Project duration:	2015-2018
Beneficiary:	Communities of Zhovkva and Sambir municipalities

| WHAT HAS BEEN DONE?

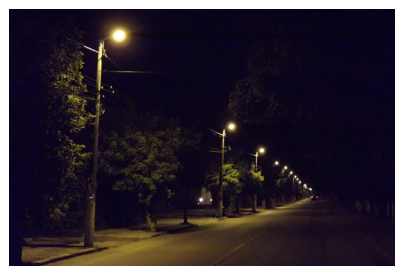


District heating system in Zhovkva

- Two biomass boilers installed, 820 kW each
- 800 m of pre-insulated district heating pipes installed
- Auxiliary equipment (pumps, pipes, electronic heat meters).

Municipal and multi-apartment buildings in Zhovkva

- Individual heat substations in 5 municipal and 1 multi-apartment buildings installed



Street lighting system in Sambir

- 712 LED lamps and 121 high-pressure sodium lamps with street lighting control system installed
- 56 poles and 28 km of cables (including 1 km видалити оф underground) installed
- 4 autonomic solar-powered street luminaries
- Architectural lighting for 5 historical buildings

WHAT HAS BEEN ACHIEVED?



842 MWh/y, or 16 %
of energy savings

=



annual energy
consumption of
46,137 mobile
phones

=



annual energy
consumption of
7,796 TVs



1,425 t/y reduction
of CO₂

=



annual emissions
from 144 new cars

=



10,227 trees needed
to be planted to
absorb such amount
of CO₂



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

=



annual energy
consumption of 110
mobile phones

=



annual energy
consumption of 19
TVs



Monetary savings
55,200 EUR
annually



0.4 % of the total
budget of Sambir
municipality



Monetary savings
82,700 EUR
annually



9,3 % of the total
budget of Zhovkva
municipality

WHO BENEFITS?



4,700 inhabitants of multi-apartment
buildings in the city of Zhovkva have 10 %
lower



26 people (project team, workers, experts,
etc.) involved in project implementation
contribute to the local economy.



20 000 inhabitants of the city of Sambir
can feel more comfortable and safer in the
streets during the night-time

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

1/3, Kostomarova str., office 5
79005 Lviv, Ukraine
T/F: +38 (032) 253 87 04/05
Facebook: COMDEP2014
com-dep.eu

Zhovkva City Council

Vicheva square. 1
80300 Zhovkva, Ukraine
zhovkva-rada.gov.ua
Contact person: Oleh Masnyak,
omasnyak@gmail.com

Sambir City Council

Rynok Square, 1
81400, Sambir, Ukraine
sambircity.gov.ua
Contact person: Oleh Masnyak,
omasnyak@gmail.com