

Energy Efficiency in Ukraine: Challenges & Opportunities for Municipalities (Some Comments on the Subject) *November, 23, 2015, Bratislava*

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Challenges for UA Municipalities

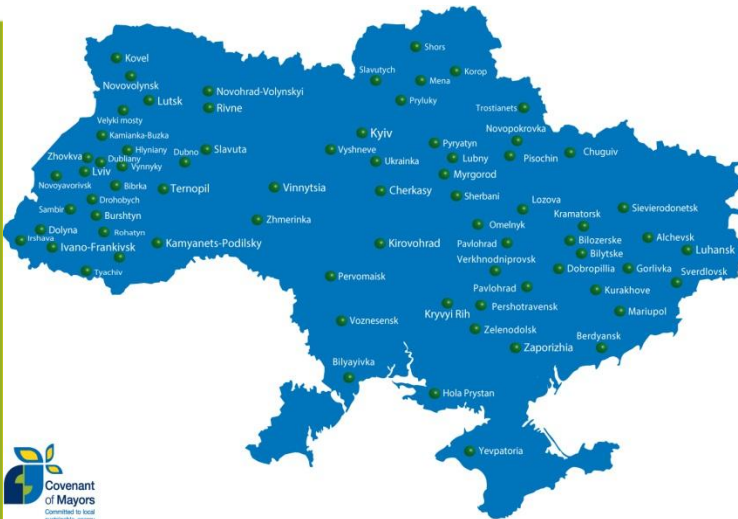
Ca.70% of energy is consumed in the cities, 40% of this energy is consumed in buildings;

- Big energy losses in public and residential buildings and heating;
- Lack of financial sources for increasing EE;
- Low awareness of need in steps for energy efficiency;
- Monopoly of energy suppliers;
- Facts of “political games” on social aspect of energy prices (in 2014 state paid 4 times more to Naftogaz for “cheap gas” than spent for war with Russian occupants);
- Attempts to produce more energy instead of spend less;
- Lack of strategy on changing/substituting of energy sources;
- Slow transition into real decentralization and self-governance on the local level (budgets are still mainly formed on central level);
- High energy prices (in 2017 tariffs would correspond to the real prices of energy sources, gas already 3.3 times grew in price)
- Problems with transparency within forming of energy tariffs

COM in Ukraine: Short Overview



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- 99 active signatories (39 – EECU members)
- 45 mict (27– EECU) submitted SEAPs
- EECU – National Supporting Structure since 2009
- Minregion – Covenant National Supporter since April, 2014
- 7 RDAs and 4 RCs became Territorial Coordinators
- Regional CoM Club is active in Lviv Region since 2013
- 17 out of 24 Regional Centers joined Covenant, incl. Kyiv (overall above 10 Mln. citizens – 1/4 of population of Ukraine)
- 11 COM SIGNs that submitted SEAPs got EC Grants within COM-DEP Program ca. 1 Mln Euros each (2014)



EECU as Supporting Structure:

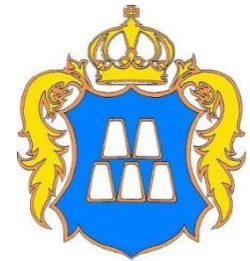
Project Implementation in Ukraine



Projects	EECU/COM Cities
EC Project COM-East (2011-2015)	37/96
EC Projects COM-Grant	4/4
GIZ Energy Efficiency in Buildings	6/6
USAID «Municipal Energy Reform»	9/17
EC Project COM-DEP (launched in 2014)	8/11
EBRD Projects on Energy Efficiency	6/6
World Bank Credit+Grant Program	3/3
Energy Management system adoption(EECU)	All



Best Practice: Dolyna



- Population – ca.20 500 inhabitants
- Member of EECU since 2007
- Energy management system adapted in 2008 and started to work at the beginning of 2009
- Joined Covenant of Mayors in 2009
- SEAP submitted in 2011
- Since that time implemented ca.10 international projects (financed by EU, NEFCO, USAID and some other IFIs and donor institutions) in energy efficiency improvement (3500 bulbs of street lights changed into energy saving; 70% of public buildings are heated with solid fuel boilers; automatic system of heating management set in all kindergartens; 65% of public buildings thermally retrofitted; solar collectors are installed on the roofs of kindergartens that allowed to heat them without gas; 30 dwelling houses are in process of thermal insulation within COM-DEP program implementation; first 10-km cycling path constructed);
- In the last year the total investment to the city budget (grants, credits, loans etc.) reached the sum **ca. 2 Mln.Euros** (almost equal to **8 annual development budgets of the city**) .



What EECU offers to COM SIGNs?

Trainings on step-by-step adoption of Energy Management System based on ISO 50001;

- Complex approach to energy policy implementation in communities (developed by EECU basing on practical experience in Ukrainian LAs);
- Co-organization and support of awareness raising campaigns (Guidebook developed and updated);
- Supporting of Covenant Clubs
- Institutional and technical assistance of COM promotion and implementation
- «Energy Twinning» between COM SIGNs, system of SIGN-to-SIGN assistance and consultations
- Experience exchange in best approaches to improvement of EE (EECU is member of 2 European association and has almost 20 national and international partners and profile networks)



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Any questions?

THANK YOU!

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