Energy Certification of Buildings – Business View

Anna Dukhno,
Business Development Manager,
Knauf Insulation Ukraine

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Europe tends down…

Prospective legislative trends for reduction of CO₂ emissions in buildings (2000-2020)

Requirements to energy certification of buildings (EPBD Recast, 19/05/2010, Directive 2010/31/EU):

- for new and existing buildings, including public buildings
- mandatory visualisation of buildings
- use during construction, sale, rent

Source: analysis of legislation of EU countries
And how is it in Ukraine?..
Buildings on an Energy Efficiency Scale
Growth of Tariffs

Increase of cost of municipal services (from the 1st of January 2011 the tariff on heat in Kiev increases by 35%)

Most of Ukrainians have difficulties paying for housing and municipal services
More than half of the Ukrainian citizens (56.3%) have difficulties paying for housing and municipal services

http://news.liga.net/news/N1036155.html
Based on the results of polling carried out by the Kiev Institute of Management Problems after Gorshenin
(http://www.kommersant.ua/doc.html?DocID=1557009&Issueld=7000639)
Structure of potential saving in buildings of Poland clearly demonstrates a necessity to form “energy efficient thinking” among inhabitants.
Signs of New Times
Legislative Framework

- State Standards of Ukraine B A.2.2-8:2010, Section “Energy Efficiency” within the structure of design documents of facilities

- Law “On Energy Performance of Buildings” has not yet been adopted
- Housing Code is in the process of preparation
Tasks of Business

- Contribute to development of economically justified and prospective legislative acts and normative requirements to new buildings and constructions

- Contribute to development of energy consumption culture and recognition by owners of housing and administrative buildings of energy efficiency indicators as key criteria in assessment of operational quality of constructions

- Contribute to development and implementation of mechanisms, that would allow to carry out thermal modernisation of existing buildings with minimum budget funds to be attracted and development of a system of motivation of consumers with the objective of decreasing energy consumption in buildings

- Initiate pilot projects, within the framework of which different mechanisms can be tested

- Offer solutions for improvement of the situation and develop the market
Our common tasks is to consolidate efforts and experience of authorities and business to create sustainable mechanisms of project implementation that will contribute to development of an energy efficient construction market in Ukraine.
Opportunities for Everybody

Economic effect

- Development of a market of specialised B2B services
- Training of experts in higher education institutions specialised in new disciplines
- Incentive for a better quality of construction works
- Influence on a real estate price as an indicator of a housing quality
- Efficient management of housing and municipal services – creation of a system of information accumulation about the state of residential buildings
- Development of a construction market in general

Social effect

- Increase of quality of people’s lives
- Creation of new working places

Ecological effect

- Reduction of energy consumption
- Application of rational construction technologies
Thank you for attention!

Knauf Insulation Ukraine Ltd.
4 Lunacharskogo Str., 9th floor, Kyiv, 02002 Ukraine
Tel.: +38 044 391 17 27 / +38 044 391 17 28
Fax: +38 044 391 17 29
info.ukraine@knaufinsulation.com