

ENERGY EFFICIENCY - IMMINENT NECESSITY FOR STATE DEVELOPMENT

POLICY PAPER SUMMARY



2016

**ENERGY EFFICIENCY -
IMMINENT NECESSITY FOR STATE DEVELOPMENT**

POLICY PAPER SUMMARY

Author: Nani Meparishvili



Eastern Partnership Civil Society Forum Georgian National Platform is an association of local and international non-commercial legal entities registered in Georgia, aiming to promote and implement the goals set by the Joint Declarations of the Prague, Warsaw and Vilnius Eastern Partnership Summits and the EU-Georgia Association Agreement of European Neighborhood Policy and other joint events.

Author: Nani Meparishvili

Editing by: Inge Snip

Summary

Energy efficiency and energy saving represent characteristic features of a modern developed society. Energy efficiency is one of the prioritized directions in today's world. It is paid a particular attention in leading highly developed countries as well as in international financial institutions. Based on the initiative and effort of the mentioned countries and international organizations, developing countries and countries with the transitioning economy, including Georgia, also started working on the issues of energy efficiency and energy saving.

The urgency of energy efficiency and energy saving is triggered by several factors, among which the following represent the most important ones: energy carriers' (hydrocarbon) supply reduction; sharp and irreversible increase in prices of energy carriers, thermal and electricity; harmful impact on the environment during all kind of energy production and usage.

Energy efficiency and use of renewable energy sources in thermal supply and energy saving are actual from the ecological as well as economical point of view. Saving the traditional energy can be achieved by using energy saving measures and renewable energy.

Economic development requires a clean environment, not only in global but also in the local aspect. It turns out that if you have not paid the necessary attention to the degradation of the environment, it gradually will nullify profit of economic development, while economic growth will bring no benefit to the population and will not raise standards of living.

Recommendations:

- Satisfaction of growing energy needs in a way that does not compromise energy and ecological security of our future generations - it should become subject to a constant concern of our country.
- Low-quality accounting of the electricity, natural gas, drinking and industrial water, oil and other energy carriers in the budgetary facilities and extremely low level of implementation of energy saving and energy efficiency technologies in these facilities causes enormous costs of energy carriers. Unified accounting methods of the budgetary institutions shall be implemented.
- In order to encourage savings of the utility costs in the budgetary facilities, the following is necessary: as a result of energy "passport station," budgetary organizations shall be imposed with normative limits (quotas) for energy consumption. In such case, they will be obliged not to exceed the normative limits.

-
- Energy costs of the budgetary organizations shall be published per months, years (as it takes place in developed countries).
 - Only after carrying out the energy audit shall the current renovations costs be determined for budgetary facilities.
 - Local municipalities shall develop programs encouraging energy efficiency for the population which shall enjoy the co-funding from the municipality, as it takes place regarding co-funding of the renovation of elevators, roofs, entrances.
 - Modern energy efficient (zero energy consumption) building shall be constructed in Georgia for the demonstrative purposes, which will support construction as well as raise of awareness in population.
 - Special fund for implementing energy efficiency events shall be established were the saved fund received by the mentioned events, as well as funds attracted from international funds will accumulate in order to implement future events on energy saving.
 - City rehabilitation project shall be implemented by taking into account energy efficiency and energy saving, where the specialist of the field will participate with the relevant energetic and economic argumentation.

EaP Civil Society Forum Georgian National Platform

Tbilisi, Georgia 0108
50, Rustaveli ave. II entrance, 4 fl.
Tel/Fax: +995 322 931128
Cell.: +995 599 551128
E-mail: np_events@ei-lat.ge
URL: <http://eap-csf.ge>