



Asian Development Bank



**USAID**  
FROM THE AMERICAN PEOPLE



**KEMCO**  
KOREA ENERGY MANAGEMENT CORPORATION



**WORLD ENERGY COUNCIL**  
CONSEIL MONDIAL DE L'ÉNERGIE  
*For sustainable energy.*

# Energy Efficiency Policy in Uzbekistan

**Sirojiddin Akhmedov**

the chief specialist of the Department of EE and RES development,  
the Ministry of economy of the Republic of Uzbekistan

**Manila, Philippines**  
**June 16, 2015**

# Outline:

- ❑ Legislative regulation of energy efficiency
- ❑ The program to improve energy efficiency and reduce energy intensity
- ❑ Financing energy efficiency projects
- ❑ New directions of cooperation

# Legislative regulation of energy efficiency:

**In accordance with the Law of the Republic of Uzbekistan "On the rational use of energy", the main directions of the state policy in the field of energy efficiency are:**

- implementation of national, regional and sectorial targeted programs and projects;
- stabilization of production and consumption of energy, which is necessary for intensive development of the national economy;
- introduction of renewable energy sources to replace hydrocarbons;
- optimization of energy production and consumption;
- stimulating the production of energy-saving equipment and products with minimal power consumption;
- putting energy efficiency regulations on energy producing/using equipment and products;

# Legislative regulation of energy efficiency:

- organization of statistical observations of energy production and consumption;
- organization of energy efficiency management;
- organization of energy audits of enterprises, institutions and organizations;
- energy examination of products, existing and reconstructed facilities, technology and equipment;
- the creation of energy efficiency demonstration zones to implement energy efficiency projects;
- encourage the development of energy efficient and environmentally friendly technologies and products.

# The program to improve EE & reduce energy intensity:

In May 2015, the Decree of the President of the Republic of Uzbekistan approved the "Program – "roadmap" for improving energy efficiency, the introduction of energy efficient technologies and systems in the fields of economy and social sphere in 2015-2019 years“.

The program provides:

- development of the draft Law "On Renewable Energy Sources";
- review of all town-planning norms and rules to provide for the requirements of energy efficiency;
- expanding the range of consumers for energy audits;
- conduct energy certification of apartment houses and public buildings in the major cities of the country;
- transfer of domestic cement plants to the "dry" method of production;
- the introduction of energy labeling of household electronic appliances;
- development and approval of the Program of development of hydroenergetics in the 2016-2020 years.

# Financing energy efficiency projects:

**Funding for energy audits of energy consumers can be made from the following sources:**

- own funds of consumers;
- bank loan;
- special republican fund for energy conservation;
- credit line of the International Finance Corporation to finance private sector projects for the implementation of renewable energy sources and energy efficiency;
- foreign direct investment, credits, including on preferential terms, and grants to implement energy-saving projects and activities;
- other resources.

## Financing energy efficiency projects:

- In accordance with the government decision, jointly with the World Bank was launched a project "Improving the energy efficiency of industrial enterprises" in the basic sectors of the economy.
- One of the main criteria for funding is to achieve annual energy savings in the amount of not less than 20% by realizing sub-projects.
- During the implementation of the first credit line, 32 industrial projects have received loans for the modernization and replacement of obsolete and worn-out equipment (more than 32 million USD, including International Development Association – 24 million USD). Projects were implemented in the energy-intensive industries such as mining, chemical, electric power, oil and gas and processing. Credits contributed to total savings of more than 145 million. KW/h of electricity and 40 million cubic meters of natural gas throughout the country.

## Financing energy efficiency projects:

In accordance with the Memorandum of Understanding on developing cooperation in energy efficiency, renewable energy and climate change, signed between the Ministry of economy of the Republic of Uzbekistan and the Korea Energy Management Corporation (KEMCO), in 2014 two enterprises ( JSC "Uzkabel" and JSC "Kuvasoymkent"), as a pilot project, the Korean specialists conducted energy audits at the expense of the Korean party, to assess the potential for energy saving, reports of which show available reserves of energy conservation.

In 2015 it is planned to undertake a detailed energy audit by Korean specialists in these two companies with the development of specific proposals for the modernization and reconstruction of production capacity.

## New directions of cooperation:

As a result of ongoing measures in the field of energy efficiency it is necessary to:

- increase the number of companies to carry out energy audits in accordance with international and national requirements;
- equip these companies with modern equipment and devices, required for energy audits;
- prepare the qualified technicians in the field of energy audits;
- attract the funds from international financial institutions for the implementation of large-scale projects to improve energy efficiency and conservation;
- expand the implementation of energy efficient technologies and production of energy-saving products.



**Thank you for your  
attention!**

Sirojiddin Akhmedov,  
Chief specialist,  
Department of EE and RES development,  
the Ministry of Economy of the Republic of Uzbekistan  
Tel.: (998 71) 232-65-85  
E-mail: [sakhmedov@mineconomy.uz](mailto:sakhmedov@mineconomy.uz)

