

First of all, standards and requirements for implementing energy-efficient lighting will be prepared and harmonized, as this sector has the highest potential for energy efficiency.

Depending on the specifics and significance of the group of products, the countries may propose developing energy efficiency standards for additional types of equipment.

*Activity 1.3. Demand stimulation mechanisms improvement for high energy efficiency equipment (development of proposals to subsidize projects on deployment of energy saving equipment and ESCo schemes considering the practice in the EEU countries).*

Methodological base improvement is envisaged for introduction of energy saving equipment considering lessons learned and acquired experience in partner countries. Models of project implementation with application of ESCo schemes will be proposed, including preparation of proposals on application of methodology for determining energy consumption as developed in the RF. A typical feasibility study will be developed for implementation of the subsidy programme for energy saving lamps for population or subsidy scheme for sales of household appliances of a higher energy efficiency class. Recommendations will be developed for the organization of a programme for subsidizing energy-saving lamps or fixtures in the budgetary sphere and housing and municipal services or programs for subsidizing the sale of engineering equipment or household appliances with a high class of energy efficiency. These mechanisms will be offered to municipal authorities to attract private investment for the modernization of urban infrastructure, public buildings or new construction of energy-efficient buildings. The project will provide advisory support to interested market participants, including the development of a feasibility study or technical specifications.

*Activity 1.4. Information exchange on energy efficiency standards in lighting, household appliances and engineering equipment of buildings (conferences and thematic publications).*

It is planned to conduct three conferences or sessions within the frames of international events on energy efficiency in the EEU countries to discuss strategy of energy efficiency technical regulation development, exchange experience on HEPS introduction and exchange plans on development of standards and methods to control the energy efficiency performance of the products in the market. During these sessions, the results on product testing in different countries will be discussed and proposals on dissemination of the information will be developed. The project will support the preparation of thematic sessions, development and publication of materials, and will cover the travel expenses of specialists from the partner countries.

It is planned to use international forum of ENES as the main platform for holding the thematic conference of the project, which is historically used by UNDP projects to discuss the results achieved in the field of energy efficiency. It will also be possible to use other international sites as agreed by the parties.

As information materials, the project team will prepare presentations or publications on the development of energy efficiency requirements in the EEA countries. Presentations and publications will be devoted not only to the implementation of MEPS / HEPS, but also to the plans of the countries for the development of production and introduction of energy-saving products. They will also present the experience of implementing innovative technologies in the field of energy efficiency, the results of the competitions of the best projects in the field of energy efficiency, the results of information campaigns for the population and other results aimed at promoting energy efficient technologies.

The project will provide information support to the ongoing international and national competitions (prizes) of projects on the introduction of energy-saving technologies in the EEA countries. Spread out experience and best practices will help convince authorities and consumers to support the implementation of energy-efficient solutions.

## **Output 2. Establishment of a system of testing laboratories and implementation of measures to protect the market from low efficiency equipment.**

*Activity 2.1 Assistance for development of standards and methods of testing and measurement of the parameters as indicated in MEPS/HEPS.*

It is planned to organize development and updating of the methodological base for the control of energy efficiency requirements of energy consuming products and systems in the EEU countries. The block of