

The level of utilization of energy saving technologies by different consumer groups will be monitored before and after introduction of energy efficiency standards. The monitoring data will be used to estimate energy saving and the achieved corresponding GHG emissions reduction.

*Activity 3.4. Monitoring of the implementation of projects on the introduction of energy-saving equipment (lighting and engineering equipment of buildings) and development of proposals for their replication in the EEA countries.*

It is planned to collect and analyze data on implemented projects for the implementation of energy-saving lighting and / or building automation technologies in partner countries.

A catalogue of implemented energy efficiency projects will be prepared and, upon request of countries, experts will be recruited to develop and replicate the most promising design solutions. First of all, the project will pay attention to the preparation of a catalogue of projects in the field of lighting and / or building automation, as areas with the greatest potential for energy saving.

Also, the project will prepare indicators of energy efficiency and methodological materials for their monitoring.

To familiarize with the most interesting projects, a series of study / study tours and discussions at round tables / seminars will be organized.

The project will assist countries to participate in international initiatives on integrated energy efficiency improvement (Clean Energy Ministerial or others). This will facilitate benchmarking on key energy efficiency parameters that ensure the achievement of global goals for climate and sustainable development.

#### **Complementarity of Regional and National Components of the Project**

The mechanism of interaction of the regional project with national programmes will be based on activity of Steering Committee and of a regional expert platform that will unite representatives of the governments and professional society of the EEU countries. The activity of the members of the platform and the Committee will enable development of annual working plans considering objectives of the project and national programmes. Activities under the regional project will add to activities of national programs. For example, the regional project will assist to transfer MEPS/HEPS from the countries where they are developed and adopted to the countries where such standards do not exist. The experts of a regional platform will provide consulting support to the governments of the countries on priority directions of energy efficiency regulation and will minimize expenses thanks to use of the experience of other countries including the Russian Federation. A regional component of the project will assist the governments of the countries to minimize expenses on establishment of testing laboratories, in particular, national programmes will receive necessary expertise and information on availability of testing laboratories in the EEU countries and their potential capacities. This will allow to cost effective solution and avoid creation of the laboratories that will not be in demand due to market limitations for certain appliances in partner countries. A regional component of the project will also monitor activity of national programs and will allow intensifying exchange of practices on introduction of energy efficient technologies between the countries.

Complementarity of regional interventions with national programmes as well as available resources for achieving that results are reflected in project budget including co-financing (see table 1).

Table 1. Resources required to achieve the expected results

Expected Outputs	Geographical component	Trust Fund - grant	Parallel funding (co-financing)	Description of activity
		USD	USD	
<b>OUTPUT 1:</b> Development and introduction of modern	Regional	265 000,00	-	Preparation of a common plan of MEPS/HEPS development for priority product types and systems, its coordination with the EEU countries and informing the market participants;