

## TERMINAL REPORT

GENERAL INFORMATION	
<b>Project number &amp; title</b>	E-234 / Application of clean, renewable and/or alternative energy technologies for rural areas in Central Asian countries
<b>Project manager</b>	Viktor Badaker
<b>Start of implementation</b>	
<b>End of implementation</b>	31 December 2015
<p><b>Summary (max.2 pages) of overall assessment</b> <i>Please provide, to the extent possible, both quantitative and qualitative information on each of the following questions:</i></p> <p style="padding-left: 40px;">1. <i>How, in your view, the project funded from the voluntary contribution of the Russian Federation has helped UNECE to implement its mandate and meet demands/expectations of its member States?</i></p> <p>The project has helped UNECE to implement its mandate to focus on activities that help objectives of the “Sustainable Energy for All” initiative of the Secretary-General and to strengthen regional cooperation in energy efficiency, with a view to reducing greenhouse gas emissions.</p> <p>National assessments for Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan on access to clean, renewable and/or alternative energy provided by off-grid solutions with the focus on rural and remote areas, and on identifying potential renewable energy sites close to productive use loads in rural and remote areas provided not only general information on this matter but also concrete information about particular sites. They allowed selecting a particular renewable energy site in rural/remote area to prepare a prefeasibility study for the concrete site as a pilot project.</p> <p>A workshop for experts and Governmental officials from Central Asian countries disseminated the results/recommendations of the project and gave an opportunity for countries’ representatives to exchange information, views and best practices on how attract investment for small scale renewable energy projects.</p> <p>The project specifically helped in implementing one of the concrete activities of the Work Plan of the UNECE Group of Experts on Renewable Energy: Identification and support to those communities in the United Nations Economic Commission for Europe region that have no access to energy.</p> <p style="padding-left: 40px;">2. <i>What practical benefits have project activities brought to “clients” in beneficiary countries (Russia, CIS, and Central Asia)? Provide 2-3 concrete “tangible” examples (e.g. new legislation/policy measures, institutional strengthening, new “products” such as standards, training materials, etc.). Support these examples by assessments from partners in projects implementation, beneficiaries of the project in Russia and/or CIS, etc).</i></p> <p>The regional network of national experts established in the process of development of the project continued to function and get expanded. The network was important in conveying the message on objectives of the “Sustainable Energy for All” initiative of the Secretary-General to policy makers in Central Asian countries.</p> <p>Completed pre-Feasibility Study (pre-FS) on “Production and effective consumption of biogas for agricultural farm near Kant town in Kyrgyzstan” will help to find funds for the development of the proposed biogas project. The next project funded from the voluntary contribution of the Russian Federation might be implementation of the biogas project for the concrete farm in Kyrgyzstan.</p>	

A positive feedback on the benefits of implementing the project was received from a participated countries.

3. *Were there any problems with the execution of the project (including with partners in the Russian Federation), changes to the implementation plan? What are the main lessons learned/best practices in project implementation?*

No specific problems were encountered.

Identification of appropriate consultants in the CA countries has been important for the successful implementation of the project. Optimal utilization of project funds allowed accomplishing main activities than initially planned.

While all tasks and objectives of the project were essentially completed; we were not able to conduct a site visit (farm near Kant town in Kyrgyzstan) to provide advisory assistance for the implementation of the proposed developments. The mission was not done due to transfer of UN secretariat to new system – Umoja – which manages UN administration, in both business processes and Information Technology solutions. It explains why the financial implementation rate is 90%. We would like to request the donor (Government of the Russian Federation) to authorize the use of unspent amount to promote the results of the project in 2016.

4. *What could have been done better to raise the effectiveness of the project, enhance its impact and sustainability? How the activities of the project could have been synergized with other related work/activities of UNECE?*

The lessons were learned from the implementation of the previous project funded by the Russian Federation (“Analysis of Advanced Technologies in Energy Efficiency and Renewable Energy in the Framework of the Global Energy Efficiency 21 Project and Preparation of Recommendations on its Application with Special Emphasis on Central Asian Region” / E-186). As a result there was a good synergy with the UNDA project Promoting Renewable Energy Investments for Climate Change Mitigation and Sustainable Development. However further efforts could have been made in identifying potential sources of funds to implement concrete biogas project proposed by the pre-FS for the farm near Kant town.

5. *Were the results achieved by the project commensurate to the provided funding? Were any supplementary funds raised to support the project activities and facilitate the achievements of the results?*

The results are commensurate with the provided funding (USD 68,700). This was achieved by leveraging additional resources (local expenses such as interpretation, venue, and coffee-breaks for execution of the end-of-the-project workshop was covered by the organizers) and synergies with other projects and activities of the UNECE Sustainable Energy Division (6th International Forum on Energy for Sustainable Development).

6. *Please attach additional information materials on the project activities such as press clippings, media coverage, publications, websites, etc.*

Sixth International Forum on Energy for Sustainable Development in Yerevan on 29 September – 2 October 2015: <http://www.unece.org/index.php?id=39915#/>

Yerevan Statement of Common Action to initiate implementation of the provisions of the Hammamet Declaration:

[http://www.unece.org/fileadmin/DAM/energy/se/pdfs/eneff/6th\\_Forum\\_Yerevan\\_Sept.2015/IFESD.6\\_Action.Plan\\_Joint.Statement.pdf](http://www.unece.org/fileadmin/DAM/energy/se/pdfs/eneff/6th_Forum_Yerevan_Sept.2015/IFESD.6_Action.Plan_Joint.Statement.pdf)

UNECE Renewable Energy Status Report:

<http://www.ren21.net/wp-content/uploads/2015/12/web-REN21-UNECE.pdf>

<b>ANY ADDITIONAL COMMENTS (optional)</b>