

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

Eighty-sixth Meeting
Geneva, 16 September 2016

Item 12

Informal Document No. **2016/52**

Extrabudgetary projects

Application of biogas technology model for rural areas in Kyrgyzstan

**UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
TECHNICAL COOPERATION PROJECT FORM**

<p>1. Project title and project number: Application of biogas technology model for rural areas in Kyrgyzstan</p>						
<p>2. Expected timing/ duration: October 2016 – March 2018 (18 months)</p>						
<p>3. Objective and brief summary of the project: Some rural areas in Central Asian countries have no access to the electricity network and use inefficient biomass unsustainably. In 2015, UNECE completed activities under the project “Application of clean, renewable and/or alternative energy technologies for rural areas in Central Asian countries” funded by the Government of the Russian Federation. As a result of the project, potential renewable energy sites close to productive use loads in rural and remote areas have been identified and pre-feasibility study on the biogas plant at the farm near Kant town in Kyrgyzstan has been developed. The objective of the proposed project is to introduce a cost-effective green technology biogas mode in the rural area of Kyrgyzstan. The project will deliver concrete renewable energy solutions for rural application and will target the rural community of Kant Farm near Kant town in Kyrgyzstan. The objective of the project will be achieved by implementing the following activities: A1.1. Development of the project implementation plan; A1.2. Procurement of equipment and materials and installation of a biogas unit; A2.1. Organization of capacity building workshops on small scale renewable energy solutions in Central Asian countries. The proposed project will support Sustainable Development Goal 7 “Affordable and Clean Energy”. The project will also support one of the Action Areas, which were developed by the Secretary-General’s High-Level Group on SE4ALL, i.e. “Providing access to electricity through off-grid, micro- and mini-grid solutions, including targeted applications for productive uses.”</p>						
<p>4. Expected results of the project: EA1. Improved heat supply and agricultural crop yield through biogas technology for the rural community; EA2. Enhanced knowledge in renewable energy solutions for rural areas in Central Asian countries.</p>						
<p>5. Target group and beneficiaries of the project: Kyrgyzstan is the main beneficiary country of this project. Other Central Asian countries are additional beneficiary countries. The target group includes the rural community of Kant Farm near Kant town in Kyrgyzstan, including householders, farm householders and small-scale businesses, renewable energy experts from public and private sectors.</p>						
<p>6. Justification of project and its relationship to the programme of work: The project is directly linked to the Expected Accomplishment (b): “Increased awareness of the role of energy efficiency and renewable energy in achieving sustainable energy development” of the Subprogramme 5 “Sustainable Energy” of the UNECE Proposed Strategic Framework for the period of 2016-2017. The work of the Group of Experts on Renewable Energy in the UNECE region continues through the three main pillars of activities of its Work Plan 2016-2017 (ECE/ENERGY/GE.7/2015/2): 1. Tracking of the progress made in the uptake of renewable energy sources; 2. Exchange of know-how and best practices on how to help significantly increase the uptake of renewable energy; and 3. Integration of Renewable Energy in Future Sustainable Energy Systems.</p>						
<p>7. Estimated UN regular budget resources (work months of RB staff/level of Staff): 2 months of Regional Advisor staff (P5) time, 1 month of RB staff (G5) time</p>						
<p>8. Estimated extra budgetary resources:</p> <table style="width: 100%; margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Donor</th> <th style="text-align: center;">Amount (US\$)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Russian Federation</td> <td style="text-align: center;">100,000US\$</td> </tr> </tbody> </table>			Donor	Amount (US\$)	Russian Federation	100,000US\$
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<p>9. Project Manager: Name: Viktor Badaker Date: 02.08.16</p>	<p>10. Section/Division: Sustainable Energy</p>					
<p>11. Cleared by Programme Management Unit: Zamira Eshmambetova Director Date: 15.08.2016</p>	<p>12. Approved by EXCOM¹</p>	<p>Date: 16.09.2016</p>				

¹ See paragraph 31 (a) of Commission decision A(65).

Annex
Results-based budget for the extrabudgetary project

Part I. Planning (to be filled in before submission to EXCOM)			Part II. Implementation (to be used for reporting on progress in the implementation of the project in real time) ^{1,2}	
Expected accomplishments	Planned activities	Estimated costs (US\$)	Implemented activities ³	Actual expenditures ⁴ (US\$)
E.A.1. Improved heat supply and agricultural crop yield through biogas technology for the rural community	A.1.1. Development of the project implementation plan 1 national consultant x 2 work month x \$1,500 per month	3,000		
	A.1.2. Procurement of equipment and materials and installation of a biogas unit (to be done through UNDP/ or UNESCAP) Contractual service for site preparation, procurement of materials and equipment and biogas unit installation services \$65,000 Travel of 1 staff x 1 mission x \$2,000	67,000 65,000 2,000		
E.A.2. Enhanced knowledge in renewable energy solutions for rural areas in Central Asian countries.	A.2.1. Organization of capacity building workshop on small scale renewable energy solutions in Central Asian countries 15 participants from Central Asian countries x \$1,000 per participant Travel of 1 staff x 1 mission x \$2,000	17,000 15,000 2,000		
Budget summary		87,000		
13% of Programme Support Costs		13,000		
Total (including 13% of Programme Support Costs)		100,000	Total:	

¹ The secretariat shall inform EXCOM in case of unexpected developments or serious problems of any kind in the project implementation.

² Questions from member States on project implementation will be forwarded to the secretariat.

³ Relevant information should be uploaded by the project manager on the Project Monitoring Tool within one month from the end of the activity and include the following:

(a) For an advisory service (including at a workshop/seminar/training organized by other organizations): title; venue; dates; project expenditures; and hyperlink(s) to presentation(s) and other relevant documents;

(b) For a workshop/conference/training organized by UNECE: title; venue; dates; project expenditures; and hyperlinks to the meeting agenda, list of participants, presentation(s) made by UNECE, conference documents, training materials and reports;

(c) For a consultancy: project expenditures; hyperlinks to the consultancy ToR and main outputs (study, report, training material, presentation, etc.) produced by the consultant/s;

(d) For other outputs not included under bullet points above: hyperlink to relevant documents.

⁴ Relevant financial information – certified by the Executive Office - should be uploaded by the project manager on the Project Monitoring Tool within one month from the end of the activity.