

**ECONOMIC COMMISSION FOR EUROPE**

**EXECUTIVE COMMITTEE**

Ninety-second Meeting  
Geneva, 23 June 2017

Item 9

Informal Document No. **2017/36**

**Extrabudgetary projects**

**Enhancing national capacities for development and implementation of  
the energy efficiency standards in buildings in the UNECE region**

TECHNICAL COOPERATION PROJECT FORM

<p><b>1. Project title and project number:</b> Enhancing national capacities for development and implementation of the energy efficiency standards in buildings in the UNECE region</p>						
<p><b>2. Expected timing/ duration:</b> July 2017 – December 2018</p>						
<p><b>3. Objective and brief summary of the project:</b>                  The overall objective of the project is to enhance national capacities for development and implementation of the energy efficiency standards in buildings in the UNECE region. The project is aimed to improve energy efficiency in buildings and reduce global greenhouse gas emissions into the atmosphere in the UNECE region through best-practice guidance and standards. Buildings are responsible for approximately one third of total energy consumption and account for almost 40 per cent of CO2 emissions from combustion. Standards are an effective instrument for addressing energy efficiency in buildings and to support the achievement of the targets set by several international initiatives such as energy-related Sustainable Development Goals, the Sustainable Energy for All (SE4All) initiative of the United Nations Secretary General, and the Geneva UN Charter on Sustainable Housing. The number of national and international standards related to energy efficiency in buildings is continuously increasing. This generates confusion among policy makers, organizations, businesses and consumers concerning which standards in energy efficiency have the highest impact and are most relevant for their country. At its 75th session, the Committee on Housing and Land Management (CHLM) endorsed a broad proposal to develop standards related to energy efficiency in buildings (ECE/HBP/2014/4). At its 76th session in December 2015, the CHLM endorsed a project as an activity supporting implementation of the ECE Action Plan for Energy-Efficient Housing (ECE/HBP/164), the Strategy for Sustainable Housing and Land Management in the ECE region for the period 2014-2020 (ECE/HBP/2012/3). At its 25th session in September 2016, the CSE endorsed the activities to develop standards related to energy efficiency in buildings (ECE/ENERGY/107/57). The objective if the project will be achieved by implementing the following activities:                  A1.1. Undertake the mapping of energy efficiency standards in buildings in the UNECE region;                  A2.1. Establish an online database of experts on energy efficiency in buildings;                  A2.2. Organize one workshop for stakeholders from Eastern Europe, the Caucasus and Central Asia from energy and housing sector to validate the results of the mapping;                  A3.1. Undertake the mapping of existing technologies to enhance energy efficiency in buildings, undertake gap analysis and recommendations for their use in the region and an update of the database of experts;                  A3.2. Organize one seminar /workshop discuss and validate the results of the mapping;                  A3.3. Organization of a stakeholder meeting with the chairs of the joint task force and energy efficiency experts to discuss the results of the Phase 1 of the Project and to plan the Phase II.                  This project is interconnected with the project “Energy Efficiency Standards in Buildings”, funded by Denmark, which was approved at EXCOM on 24 March 2017.</p>						
<p><b>4. Expected results of the project:</b>                  EA1. Improved knowledge of ECE member States of the energy efficiency standards in buildings in the UNECE region;                  EA2. Enhanced network of experts from public and private sectors on energy efficiency standards for buildings in the ECE region;                  EA3. Increased understanding of ECE member States of the existing technologies to achieve energy efficiency in buildings.</p>						
<p><b>5. Target group and beneficiaries of the project:</b>                  Beneficiary countries are all UNECE member States. The target group includes policy makers on housing and energy efficiency at regional, national, and municipal levels.</p>						
<p><b>6. Justification of project and its relationship to the programme of work:</b>                  The project is directly linked to the achievement of 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” and contributes to the achievement of Expected Accomplishment (a) Improved capacity for formulation and implementation of evidence-based policies in housing, urban development and land management of Subprogramme 8 “Housing and Land Management” of the ECE Proposed Strategic Framework for the period 2016-2017 and 2018-2019.</p>						
<p><b>7. Estimated UN regular budget resources (work months of RB staff/level of Staff):</b>                  2 months of D1/RB, 3 months of P4/ RB</p>						
<p><b>8. Estimated extra budgetary resources:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <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;">286,000</td> </tr> </tbody> </table>			Donor	Amount (US\$)	Russian Federation	286,000
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Russian Federation	286,000					
<p><b>9. Project Manager:</b>                  Oleg Dzioubinski 18 May 2017</p>	<p><b>10. Section/Division:</b>                  Sustainable Energy Division</p>					
<p><b>11. Cleared by Programme Management Unit:</b>                  Catherine Haswell                  OIC of PMU 22 May 2017</p>	<p><b>12. Approved by EXCOM<sup>1</sup></b></p>	<p><b>23.06.2017</b></p>				

<sup>1</sup> See paragraph 31 (a) of Commission decision A(65).

**Annex**  
**Results-based budget for the extra-budgetary project**

<b>Part I. Planning</b> (to be filled in before submission to EXCOM)			<b>Part II. Implementation</b> (to be used for reporting on progress in the implementation of the project in real time) <sup>1,2</sup>	
<b>Expected accomplishments</b>	<b>Planned activities</b>	<b>Estimated costs (US\$)</b>	<b>Implemented activities<sup>3</sup></b>	<b>Actual expenditures<sup>4</sup> (US\$)</b>
EA1. Improved knowledge of ECE member States of the energy efficiency standards in buildings in the UNECE region	A1.1. Undertake mapping of energy efficiency standards in buildings in the UNECE region	\$29,000		
	Staff support (P2 level) x 2 months x \$ 10,000 per month	\$20,000		
	1 international consultant x 1.5 months x \$6,000 per month	\$ 9,000		
EA2. Enhanced network of experts from public and private sectors on energy efficiency standards for buildings in the ECE region	A2.1. Establishing an online database of experts on energy efficiency in buildings	\$13,000		
	Staff support (P2 level) x 1 month x \$ 10,000 per month	\$10,000		
	1 international consultant x 0.5 months x \$6,000 per month	\$ 3,000		
	A2.2. Organize one workshop for stakeholders from Eastern Europe, the Caucasus and Central Asia from energy and housing sector to validate the results of the mapping	\$73,000		
EA3. Increased understanding of ECE	Staff support (P2 level) x 1 month x \$10,000 per month	\$10,000		
	2 consultants x \$1,500	\$3,000		
	30 participants x \$2,000	\$60,000		
	A3.1. Undertake mapping of existing technologies to enhance energy efficiency in buildings, gap analysis and recommendations for their use in the region	\$56,000		
	Staff support (P2 level) x 2 months x \$10,000 per month	\$20,000		

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

<sup>2</sup> Questions from member States on project implementation will be forwarded to the secretariat.

<sup>3</sup> 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.

<sup>4</sup> 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.

member States of the existing and new technologies to achieve energy efficiency in buildings	2 international consultants x 3 work months each x \$6,000 per month	\$36,000		
	A3.2. Organize one seminar /workshop discuss and validate the results of the mapping	\$36,000		
	1 international consultant x 0.5 month x \$6,000	\$3,000		
	2 consultants travel x \$1,500 15 participants x \$2,000	\$3,000 \$30,000		
	A3.3. Organization of a stakeholder meeting with the chairs of the joint task force and energy efficiency experts to discuss the results of the Phase 1 of the Project and to plan the Phase II.	\$40,000		
	Staff support (P2 level) x 2 months x \$10,000 per month 10 participants x \$2,000	\$20,000 \$20,000		
Budget summary		\$247,000		
Project Evaluation		\$6,000		
13% of Programme Support Costs		\$33,000		
<b>Total (rounded)</b>		<b>\$286,000</b>		<b>Total:</b>