

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

Remote informal
meeting of members
of the Executive Committee
Geneva, 20 May 2020

Item 12

Informal Document No. **2020/33**

Extrabudgetary project
Enhancing national capacities
to develop and implement energy efficiency standards
for buildings in the UNECE region

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

Project title: Enhancing national capacities to develop and implement energy efficiency standards for buildings in the UNECE region		
Expected timing/ duration: July 2020 – March 2022		
<p>Objective and brief summary of the project: The objective of the project is to enhance capacity of the UNECE member States to develop and implement energy efficiency standards for buildings, with a focus on residential buildings. Improving energy efficiency is one of the most cost-effective options for meeting growing energy demand in most countries. It contributes to energy security, a better environment, improved quality of life of both men and women, and their economic well-being. Out of all sectors of economic activity, the buildings sector has the largest potential for cost-effective improvement in energy efficiency and emissions reductions. The Committee on Sustainable Energy and the Committee on Urban Development, Housing and Land Management established the Joint Task Force on Energy Efficiency Standards in Buildings in 2015. In 2019, the Committee on Sustainable Energy and the Committee on Urban Development, Housing and Land Management approved the amended Terms of Reference for the Joint Task Force on Energy Efficiency Standards in Buildings of the ECE Region for 2020-2021 and extended its mandate for 2020-2021 with a possibility of extension. The objective of the project will be achieved by implementing the following activities:</p> <p>A1.1. Conducting a gap analysis between the performance objectives set forth in the Framework Guidelines for Energy Efficiency Standards in Buildings and current energy efficiency standards and their implementation in the countries of South-Eastern and Eastern Europe, the Caucasus, Central Asia, and in the Russian Federation. The gap analysis will address barriers to adopting and implementing high-performance standards in housing with a focus on financing energy efficiency measures in and maintenance of multiapartment housing.</p> <p>A1.2. Developing three national studies with a more detailed gap analysis between the performance objectives of the Framework Guidelines for Energy Efficiency Standards in Buildings and implementation of current building energy efficiency standards.</p> <p>A2.1. Maintaining and updating the network of experts from public and private sectors on energy efficiency in buildings in the ECE region.</p> <p>A2.2. Organizing a workshop for stakeholders from the energy and housing sectors to validate the gap analysis.</p> <p>A3.1. Organizing national training seminars in the three selected ECE member States on high-performance energy efficiency standards in buildings.</p> <p>A3.2. Organizing a workshop for stakeholders from the energy and housing sectors to discuss and launch the regional and national studies.</p> <p>A3.3. Conducting an impact discovery on how member States could better use and implement best practices and guidelines developed by ECE activities in their national or/and sub-national measures to address the issues of energy efficiency in buildings.</p>		
Expected results of the project:		
EA1. Improved knowledge of advanced energy efficiency standards in buildings in the ECE region by ECE member States.		
EA2. Enhanced and up-to-date network of experts from public and private sectors on energy efficiency in buildings in the ECE region.		
EA3. Strengthened capacity of national authorities, building sector professionals, homeowner associations and other relevant stakeholders to develop and implement advanced energy efficiency standards in buildings and introduce energy efficient technologies at the national and sub-national levels.		
Target group and beneficiaries of the project:		
The target group includes all stakeholders from the UNECE region (in particular, from the countries of South-Eastern and Eastern Europe, the Caucasus, and Central Asia), notably architects, building contractors and energy service companies, housing and energy efficiency policy makers at the municipal, regional, and national levels, representatives of academia conducting research and training in the field of energy efficiency of buildings, representatives of civil society and other experts in this area. Beneficiary countries are all UNECE member States, in particular, countries of South-Eastern and Eastern Europe, the Caucasus, and Central Asia.		
Justification of project and its relationship to the programme of work:		
The project is directly linked to the objective of the Subprogramme 5 “Sustainable Energy” “to ensure access to affordable and clean energy for all and reduce greenhouse gas emissions and the carbon footprint of the energy sector in the region” and to the objective of the Subprogramme 8 “Housing, land management and population” “to advance decent, adequate, affordable, energy-efficient and healthy housing for all in liveable cities and human settlements, sustainable land management and evidence-based population and social cohesion policies” of the UNECE programme budget for 2020.		
Estimated UN regular budget resources (work months of RB staff/level of Staff):		
3 months of P5/ RB		
Estimated extra budgetary resources:		
Donor	Amount (US\$)	
Russian Federation	200,000	
Project Manager: Oleg Dzioubinski	Section/Division: Sustainable Energy	
04.05.2020		
Cleared by Programme Management Unit: Nicolas Dath-Baron	Approved by EXCOM¹	21.05.2020
Officer-in-charge		
04.05.2020		

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

Annex
Results-based budget for the extra-budgetary project

Expected Accomplishments	Planned activities	Estimated costs (US\$)
EA.1. Improved knowledge of advanced energy efficiency standards in buildings in the ECE region by ECE member States	A1.1. Conducting a gap analysis between the performance objectives set forth in the Framework Guidelines for Energy Efficiency Standards in Buildings and current energy efficiency standards and their implementation in the countries of South-Eastern and Eastern Europe, the Caucasus, Central Asia, and in the Russian Federation. Staff support (P2 level) x 2 months x \$10,000 per month	20,000 20,000
	A1.2. Developing three national studies with a more detailed gap analysis between the performance objectives of the Framework Guidelines for Energy Efficiency Standards in Buildings and implementation of current building energy efficiency standards. Staff support (P2 level) x 1-month x \$10,000 per month 3 national consultants x 4 months x \$1,000 per month	22,000 10,000 12,000
	EA2. Enhanced and up-to-date network of experts from public and private sectors on energy efficiency in buildings in the ECE region.	A2.1. Maintaining and updating the network of experts from public and private sectors on energy efficiency in buildings in the ECE region. Staff support (P2 level) x 1-month x \$10,000 per month
EA3. Strengthened capacity of national authorities, building sector professionals, homeowner associations and other relevant stakeholders to develop and implement advanced energy efficiency standards in buildings and introduce energy efficient technologies at the national and sub-national levels.	A2.2. Organizing a workshop for stakeholders from the energy and housing sectors to validate the gap analysis. Staff support (P2 level) x 1-month x \$10,000 per month Travel of 15 participants x \$1,500 Travel of 2 staff x \$1,500 Stationery, office supplies, hospitality	36,500 10,000 22,500 3,000 1,000
	A3.1. Organizing national training seminars in the three selected ECE member States on high-performance energy efficiency standards in buildings. Staff support (P2 level) x 2 months x \$ 10,000 per month 1 consultant x 3 trainings x \$7,000 Travel of 1 consultant x 3 trainings x \$1,500 Travel of 1 staff x 3 trainings x \$1,500	40,000 10,000 21,000 4,500 4,500
	A3.2. Organizing a workshop for stakeholders from the energy and housing sectors to discuss and launch the regional and national studies. Staff support (P2 level) x 1-month x \$ 10,000 per month - \$ 10,000 Travel of 15 participants x \$ 1,500 Travel of 2 staff x \$ 1,500 Stationery, office supplies, hospitality	37,000 10,000 22,500 3,000 1,500
	A3.3. Conducting an impact discovery on how member States could better use and implement best practices and guidelines developed by ECE activities in their national or/and sub-national measures to address the issues of energy efficiency in buildings. Staff support (P2 level) x 1-month x \$ 10,000 per month - \$ 10,000	10,000 10,000
Budget summary		175,500
13% of Programme Support Costs		22,815
Total budget		198,315
1% coordination levy		1,983
Grand total (rounded)		200,000