



United Nations
Regional Commissions
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11th INTERNATIONAL FORUM ON ENERGY FOR SUSTAINABLE DEVELOPMENT

VIRTUAL | SEPTEMBER - NOVEMBER 2021

Workshop on Regional and National Studies on a Gap Analysis between the Performance Objectives of the Framework Guidelines for Energy Efficiency Standards in Buildings and Implementation of Current Building Energy Efficiency Standards

20 September 2021

Hybrid (Geneva and online)

Background

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.

The United Nations Economic Commission for Europe (UNECE), under the auspices of the [Joint Task Force on Energy Efficiency Standards in Buildings](#) (Annex, pp. 7-8) hosted by the Group of Experts on Energy Efficiency (the Group of Experts), is implementing project [Enhancing National Capacities to Develop and Implement Energy Efficiency Standards for Buildings in the UNECE Region](#).

As part of project activities, UNECE conducted a [study on gap analysis](#) between the performance objectives set forth in the [Framework Guidelines for Energy Efficiency Standards in Buildings](#) (ECE/ENERGY/GE.6/2020/4) 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 study reviewed existing energy efficiency policies in 17 countries; implementation of energy efficiency standards in new and existing buildings; existence of compliance and enforcement mechanisms; institutional capacity; and effectiveness of existing energy efficiency policies. It presents findings on conformity of existing energy efficiency standards with the Framework Guidelines; identifies barriers to effective achievement of energy efficiency policies potential; and provides recommendations to help bridging the existing gaps. Based on the study, the Group of Experts developed document [Energy Efficiency Standards in Buildings: analysis of progress towards the performance objectives](#) (ECE/ENERGY/GE.6/2021/4).

The project also developed three in-depth national studies with a more detailed gap analysis in [Armenia](#), [Kyrgyzstan](#), and [the Republic of Moldova](#). The studies analyzed energy performance of buildings, implementation of current building energy efficiency standards in the focus countries, and provided country-specific recommendations on the possibilities to bridge the gap and enhance national capacity to develop and implement energy efficiency standards for buildings.

The Workshop on *Regional and National Studies on a Gap Analysis between the Performance Objectives of the Framework Guidelines for Energy Efficiency Standards in Buildings and Implementation of Current Building Energy Efficiency Standards* is organized by UNECE in the framework of the [Eleventh International Forum on Energy for Sustainable Development](#) and as part of the [Eighth session of the Group of Experts on Energy Efficiency](#).

Agenda

The workshop will be held in Geneva and online on **20 September 2021 from 15:00 to 16:30 CEST**. Simultaneous interpretation into English, French and Russian will be provided during the event.

The workshop will present the findings and recommendations of a study on gap analysis in 17 project countries, and the national studies with a more detailed gap analysis in Armenia, Kyrgyzstan, and the Republic of Moldova. The workshop will discuss ways of applying recommendations from studies to bridge the gap 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.

Welcome Remarks	
15:00-15:10	<ul style="list-style-type: none"> • Mr. Vahram Jalalyan, Co-chair, Joint Task Force on Energy Efficiency Standards in Buildings • Ms. Irena Perfanova, Co-chair, Joint Task Force on Energy Efficiency Standards in Buildings
UNECE Activities on Energy Efficiency in Buildings	
15:10-15:20	<ul style="list-style-type: none"> • Ms. Gulnara Roll, Secretary, Committee on Urban Development, Housing and Land Management, UNECE • Mr. Oleg Dzioubinski, Regional Adviser on Energy, UNECE
Regional Study on Gap Analysis between the Performance Objectives Set Forth in the Framework Guidelines for Energy Efficiency Standards in Buildings and Implementation of Current Energy Efficiency Standards	
15:20-15:30	<ul style="list-style-type: none"> • Ms. Nadejda Khamrakulova, Project Officer, UNECE
National Studies with a More Detailed Gap Analysis in Armenia, Kyrgyzstan, and the Republic of Moldova	
15:30-15:50	<p>Findings of the study in the Republic of Moldova:</p> <ul style="list-style-type: none"> • Mr. Sergiu Robu, UNECE Consultant <p>Findings of the study in Kyrgyzstan:</p> <ul style="list-style-type: none"> • Mr. Mikhail Toropov, UNECE Consultant <p>Findings of the study in Armenia:</p> <ul style="list-style-type: none"> • Ms. Ani Rafyan, UNECE Consultant
Panel Discussion: Application of Recommendations from the Studies to Bridge the Gap and Enhance National Capacity to Develop and Implement Energy Efficiency Standards for Buildings	
15:50-16:25	<p>Moderator: Mr. Aleksandar Dukovski, Chair, Group of Experts on Energy Efficiency</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Representative of Government, Republic of Moldova (TBD) • Mr. Maksat Amiraev, Head of Department of Development and Monitoring of Housing and Communal Services, State Agency of Architecture, Construction and Housing and Communal Services under the Government of Kyrgyzstan • Representative of Government, Armenia (TBD) • Mr. Andrew Popelka, Senior Energy Advisor, Energy and Infrastructure Division, United States Agency for International Development (USAID) • Mr. Rob Bernhardt, Passive House Expert, Canada • Other Government Representatives
Wrap-up	
16:25-16:30	<ul style="list-style-type: none"> • Mr. Vahram Jalalyan, Co-chair, Joint Task Force on Energy Efficiency Standards in Buildings

