

7 October 2020

Agenda

15:00–15:15 *Part II: Energy Efficient Housing*

A presentation on activities of the UNECE Joint Task Force on Energy Efficiency in Buildings

7 AFFORDABLE AND
CLEAN ENERGY



11 SUSTAINABLE CITIES
AND COMMUNITIES



Energy-efficient Housing

UNECE Joint Task Force on Energy Efficiency Standards in Buildings

With its renewed mandate for the period 2020–2021, the Joint Task Force on Energy Efficiency Standards in Buildings continued its efforts to help accelerate transformation of the world's building stock through dissemination of the Framework Guidelines for Energy Efficiency Standards in Buildings.

In 2019–2020, the Group of Experts on Energy Efficiency, which oversees activities of the Joint Task Force as designated by the Committee on Sustainable Energy:

1. **Reviewed** the Framework Guidelines for Energy Efficiency Standards in Buildings as deemed necessary, **discussed** the outcome document at its seventh session (22 and 25 September 2020) under item 4 of the agenda ([ECE/ENERGY/GE.6/2020/1](#)), and **adopted** the final text of the Updated Framework Guidelines for Energy Efficiency Standards in Buildings ([ECE/ENERGY/GE.6/2020/4](#)).
2. Also at its seventh session, **elected** the new Co-Chair of the Joint Task Force on Energy Efficiency Standards in Buildings – Mr. Vahram Jalalyan (United Nations Development Programme in Armenia).

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UNECE Joint Task Force on Energy Efficiency Standards in Buildings

The Framework Guidelines for Energy Efficiency Standards in Buildings ([ECE/ENERGY/GE.6/2020/4](#)) were reviewed by the Group of Experts on Energy Efficiency, so that the updated document:

- takes account of the buildings' value chain for more accurate calculation of energy efficiency (i.a., the amount of energy consumed to produce building materials);
- highlights orientation on low-carbon technologies to encourage utilization of clean and potentially renewable energy-based technologies to lower greenhouse gas emissions, and;
- recognizes the impact that buildings have on human health.

The Group of Experts requested the secretariat to take appropriate measures to support further dissemination of the Framework Guidelines.

In pursuing this target, it encouraged collaboration with the other United Nations Regional Commissions for a broader outreach.

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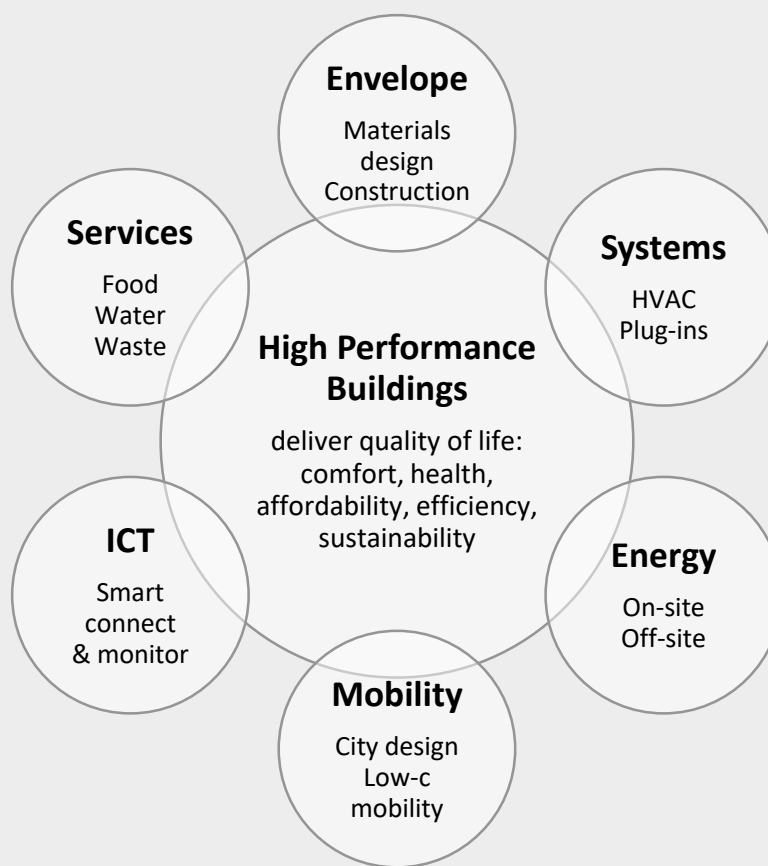


Energy-efficient Housing

UNECE Joint Task Force on Energy Efficiency Standards in Buildings

More than just energy efficiency: High Performance Buildings Initiative

- Buildings are where people spend most of their lives, and getting buildings “right” is at the heart of delivering quality of life globally
- HPBI, to which the Framework Guidelines are the driving force, aims to transform new and existing buildings through, i.a., reconceiving the product slate
- HPBI is conceived to improve the effectiveness of the building sector supply chain across multiple metrics *to enhance lifecycle performance of buildings*



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UNECE Joint Task Force on Energy Efficiency Standards in Buildings

Activities and accomplishments of the Joint Task Force in 2019–2020:

- **Publication activity**

[Promoting Energy Efficiency Standards and Technologies to Enhance Energy Efficiency in Buildings](#)
(ECE Energy Series N° 60)

- **Project activity**

The new 2020–2022 extrabudgetary project (funded by the Russian Federation):

“[Enhancing national capacities to develop and implement energy efficiency standards for buildings in the UNECE region](#)”

- **Capacity-building activity**

[Training Workshop on High Performance Buildings](#) (21–22 November 2019, Yerevan, Armenia)

Two online capacity-building workshops on data solutions for evidence-based policy and stakeholder collaboration (first on [12 May 2020, Yerevan, Armenia](#), and second on [14 May 2020, Tbilisi, Georgia](#))

Two online training workshops on the Guidelines and Best Practices for MSMEs in delivering energy-efficient products and in providing renewable energy equipment (on [14 September 2020 in English](#), and on [1 October 2020 in Russian](#))

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UNECE Joint Task Force on Energy Efficiency Standards in Buildings

Planned / ongoing activity

July 2020 – March 2022: Extrabudgetary project (funded by the Russian Federation)

[“Enhancing national capacities to develop and implement energy efficiency standards for buildings in the UNECE region”](#)

Activities:

1. Gap analysis between the performance objectives set forth in the Framework Guidelines 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.
2. National studies for the three selected ECE member States with a more detailed gap analysis.
3. Maintenance of the network of experts on energy efficiency in buildings in the ECE region.
4. Workshop for stakeholders to validate the gap analysis.
5. Seminars in the selected ECE member States on high-performance energy efficiency standards.
6. Workshop for stakeholders to discuss and launch the studies.
7. Impact discovery on how member States could better use best practices and guidelines in national or/and sub-national measures to address the issues of energy efficiency in buildings.

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UNECE Joint Task Force on Energy Efficiency Standards in Buildings

Draft decisions of the Committee on Urban Development, Housing and Land Management at its 81st session

The Committee took note of :

The activities of the Joint Task Force on Energy Efficiency Standards in Buildings in 2019–2020, including its publication activity, project activity and capacity-building activity

Information provided by the ECE Sustainable Energy Division on the Updated Framework Guidelines for Energy Efficiency Standards in Buildings (ECE/ENERGY/GE.6/2020/4)

Ongoing and planned activities of the Joint Task Force in accordance with its Terms of Reference for 2020–2021 (ECE/ENERGY/2019/8), including the project and related activities.

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