

Eighth session of the Group of Experts on Energy Efficiency

20-21 September 2021, Hybrid meeting (Geneva Tempus 2 Room and online)

TENTATIVE SESSION STRUCTURE TO THE ANNOTATED PROVISIONAL AGENDA

Monday, 20 September 2021, from 10:00 to 13:00 and from 15:00 to 18:00

Welcome and housekeeping

10:00-10:05

Igor LITVINYUK, Secretary, Group of Experts on Energy Efficiency

Agenda items 1-3. Administrative matters

10:05-10:40

10:05-10:10 Item 1. Adoption of the agenda (ECE/ENERGY/GE.6/2021/1)

Stefan M. BUETTNER, Co-Chair, Group of Experts on Energy Efficiency

10:10-10:30 Item 2. Election of officers

Igor LITVINYUK, Secretary, Group of Experts on Energy Efficiency

10:30-10:40 Item 3. Opening remarks

Stefan M. BUETTNER, Co-Chair, Group of Experts on Energy Efficiency

Agenda item 4. Introductory plenary session

10:40-13:00

10:40-13:00 Introductory plenary session

The experts will be invited to participate in a moderated discussion on topical issues. The discussion will be facilitated by the subsidiary bodies of the Group of Experts on Energy Efficiency: the Task Force on Industrial Energy Efficiency, the Joint Task Force on Energy Efficiency Standards in Buildings, and the Task Force on Digitalization in Energy.

Moderator: **Aleksandar DUKOVSKI**, Chair, Group of Experts on Energy Efficiency

Keynote speech: **Ekaterina KVASHA**, Director, National Energy Efficiency Centre, Ministry of Economic Development of the Russian Federation

Panellists:

- Joint Task Force on Energy Efficiency Standards in Buildings:
Vahram JALALYAN, Co-Chair
Paloma TALTAVULL DE LA PAZ, Chair, Real Estate Market Advisory Group (REM)
- Task Force on Industrial Energy Efficiency:
Stefan M. BUETTNER, Co-Chair
Hannes MAC NULTY, Co-Chair
- Task Force on Digitalization in Energy:
Piyush VERMA, Chair

Secretariat:

Oleg DZIOUBINSKI, Regional Adviser on Energy
Igor LITVINYUK, Secretary, Group of Experts on Energy Efficiency

Agenda item 6. Improving energy efficiency in buildings

15:00-16:30 *Energy Efficiency Standards in Buildings: analysis of progress towards the performance objectives (ECE/ENERGY/GE.6/2021/4)*

The Group of Experts at its seventh session (22 and 25 September 2020) requested the results of the gap analysis, conducted in the framework of the project “Enhancing National Capacities to Develop and Implement Energy Efficiency Standards for Buildings in the UNECE Region”, to be reported at the eighth session. The respective document was developed in response to this request. It contains key conclusions of the gap analysis and recommendations on attainment of the performance objectives set forth in the Framework Guidelines.

15:00-15:10 Welcome remarks

Paloma TALTAVULL DE LA PAZ, Chair, Real Estate Market Advisory Group (REM)

15:10-15:20 UNECE Activities on Energy Efficiency in Buildings

Gulnara ROLL, Secretary, Committee on Urban Development, Housing and Land Management
Oleg DZIOUBINSKI, Regional Adviser on Energy

15:20-15:30 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

Nadejda KHAMRAKULOVA, Project Officer

15:30-15:50 Findings of the National Studies with a More Detailed Gap Analysis in Armenia, Kyrgyzstan, and the Republic of Moldova

Sergiu ROBU, UNECE Consultant (the Republic of Moldova)
Mikhail TOROPOV, UNECE Consultant (Kyrgyzstan)
Ani RAFYAN, UNECE Consultant (Armenia)

15:50-16:25 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

Moderator: **Aleksandar DUKOVSKI**, Chair, Group of Experts on Energy Efficiency

Panellists:

- **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
- **Ruzan ADAMYAN**, Head of Construction and Scientific-Technical Normalization Department, Urban Development Committee, Republic of Armenia
- **Andrew POPELKA**, Senior Energy Advisor, Energy and Infrastructure Division, United States Agency for International Development (USAID)
- **Rob BERNHARDT**, Passive House Expert, Canada

16:25-16:30 Wrap-up

Vahram JALALYAN, Co-Chair, Joint Task Force on Energy Efficiency Standards in Buildings

Agenda item 5. Improving energy efficiency in industry

16:30-18:00 *A pathway to reducing greenhouse gas footprint in manufacturing: determinants for an economic assessment of industrial decarbonization measures (ECE/ENERGY/GE.6/2021/3, GEEE-8/2021/INF.2)*

The work of the Group of Experts on industrial energy efficiency is carried out by its Task Force on Industrial Energy Efficiency. The Task Force on Industrial Energy Efficiency, following its Action Plan, conducted research on possible economic measures to reduce greenhouse gas footprint. The outcomes of this research are presented in the document, where the Task Force on Industrial Energy Efficiency identifies six types of measures that differ in terms of their impact on investment and running costs, evaluates these measures from an economic point of view, and show the limits as well as advantages and disadvantages of various measures with regard to necessary actions and consequences.

16:30-16:40 Opening and setting the scene: Striving for net zero, but why?

Stefan M. BUETTNER, Co-Chair, Task Force on Industrial Energy Efficiency

16:40-17:00 Decarbonization pathways: the company perspective

Kerstin KOHLER, Head of Environmental Management, SICK AG
Francisco ALANIS, Senior Consultant, Advisian

17:00-17:30 Panel discussion: Are we ready? Pathways to net-zero manufacturing

Moderator: **Hannes MAC NULTY**, Senior Industry Advisor, Green Industry Platform, and Co-Chair, Task Force on Industrial Energy Efficiency

Panellists:

- **Kerstin KOHLER**, Head of Environmental Management, SICK AG
- **Michael HEINZE**, Board Member, INTENSE AG / CS4I (Digitalization)
- **Branko DUNJIC**, Director, Cleaner Production Centre of Serbia (Local Implementation)

17:30-17:40 Decarbonizing carbon intensive industries

Iva BRKIC, Project Officer, Carbon Neutrality Project

17:40-17:55 Questions and answers session

17:55-18:00 Wrap-up and conclusions

Stefan M. BUETTNER, Co-Chair, Task Force on Industrial Energy Efficiency

END OF THE FIRST DAY

Tuesday, 21 September 2021, from 10:00 to 13:00 and from 15:00 to 18:00

Agenda item 8. Regulatory and policy dialogue addressing barriers to improve energy efficiency

10:00-11:30 *Plenary session and interventions by experts*

The plenary session will feature a concluding debate on the thematic areas and will enable sharing conclusions on the issues raised, as well as discussing how to overcome the identified challenges and to make use of the opportunities.

10:00-11:30 Plenary session and interventions by experts

Moderator: **Aleksandar DUKOVSKI**, Chair, Group of Experts on Energy Efficiency

Rapporteurs designated by:

- the Joint Task Force on Energy Efficiency Standards in Buildings
- the Task Force on Industrial Energy Efficiency
- the Task Force on Digitalization in Energy

Interventions by:

Kankana DUBEY, on key findings of study on Women in Energy

Vitaly BEKKER, on key findings of study on guidelines and best practices for MSME in delivering energy-efficient products and renewable energy equipment

Discussion

Agenda item 7: Unlocking energy efficiency potential through digitalization

11:30-13:00 *Unlocking energy efficiency potential through digitalization (ECE/ENERGY/GE.6/2021/5)*

Digitalization is an emerging trend revamping the energy landscape and enabling progress toward continuous energy efficiency improvements; hence it is often recognized as a priority area of innovation in the energy sector. The work of the Group of Experts in this complex area is carried out by the Task Force on Digitalization in Energy.

11:30-11:35 Opening and setting the scene

Piyush VERMA, Chair, Task Force on Digitalization in Energy

11:45-12:00 Internet of Things and advanced communication protocols for energy efficiency

Benoit LEBOT, Senior Policy Advisor, French Ministry of Ecological Transition, and Vice-Chair, Group of Experts on Energy Efficiency

12:00-12:15 How Data Analytics can Drive Strategic Thinking Across the Utility

Beth MASSEY, Director, Connected Analytics, the United States Energy Authority

12:15-12:55 Panel discussion

Moderator: **Romanas SAVICKAS**, Senior Advisor for Energy, UNEP-DTU Partnership, Copenhagen Centre on Energy Efficiency, and Vice-Chair, Group of Experts on Energy Efficiency

Panellists:

- **Beth MASSEY**, Director, Connected Analytics, the United States Energy Authority
- **Benoit LEBOT**, Senior Policy Advisor, French Ministry of Ecological Transition, and Vice-Chair, Group of Experts on Energy Efficiency
- **Erlijn VAN GENUCHTEN**, Cyber Security Expert

12:55-13:00 Wrap-up and conclusions

Romanas SAVICKAS, Senior Advisor for Energy, UNEP-DTU Partnership, Copenhagen Centre on Energy Efficiency, and Vice-Chair, Group of Experts on Energy Efficiency

Agenda item 9: Status of implementation of the Work Plan of the Group of Experts for 2020-2021 and considerations regarding draft Work Plan for 2022-2023

15:00-16:00 *Work Plan for 2020-2021 (ECE/ENERGY/2019/8)*
Work Plan for 2022-2023 (ECE/ENERGY/2021/10)

The Group of Experts will discuss its activities over 2020-2021 and the status of implementation of the Work Plan for 2020-2021. The Group of Experts will also discuss its draft Work Plan for 2022-2023 approved by written procedure and submitted to the Committee on Sustainable Energy for consideration at its thirtieth session. The Group of Experts will be invited to elaborate on concrete steps towards implementation of the draft Work Plan for 2022-2023.

Agenda item 10: Other business

16:00-16:10

Administrative matters

16:10-17:30

16:10-16:15 Agenda item 11: Dates of the next meeting

Igor LITVINYUK, Secretary, Group of Experts on Energy Efficiency

16:15-16:30 Agenda item 12: Adoption of conclusions and recommendations

Draft Conclusions and Recommendations arising from the eighth session of the Group of Experts on Energy Efficiency (GEEE-8/2021/INF.1)

Igor LITVINYUK, Secretary, Group of Experts on Energy Efficiency

16:30-17:30 Agenda item 13: Adoption of the report and close of the meeting

Report of the Group of Experts on Energy Efficiency on its eighth session (ECE/ENERGY/GE.6/2021/2)

Aleksandar DUKOVSKI, Chair, Group of Experts on Energy Efficiency

Closing remarks

17:30-18:00

Aleksandar DUKOVSKI, Chair, Group of Experts on Energy Efficiency

**END OF THE SECOND DAY
END OF THE SESSION**