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Committee on Sustainable Energy

Group of Experts on Energy Efficiency

Fifth session

Kiev, 13–15 November 2018

Draft Conclusions and Recommendations of the Fifth Session of the Group of Experts on Energy Efficiency¹

Draft for Discussion

The Group of Experts on Energy Efficiency:

1. Adoption of the agenda

Documentation: ECE/ENERGY/GE.6/2018/1 – Annotated provisional agenda.

1. Adopted the Agenda as presented.

2. Election of officers

2. Elected Ms. Nurangiz Farajullayeva (Azerbaijan), Mr. Andrei Miniankou (Belarus), Ms. Natalia Jamburia (Georgia), Mr. Christian Noll (Germany), Mr. Alfredo Pini (Italy), Mr. Boris Melnichuk (Russian Federation), and Mr. Kostiantyn Gura (Ukraine) as vice chairs for two years. The Group of Experts invited Ms. Ksenia Petrichenko (Copenhagen Centre on Energy Efficiency), Mr. Martin Kumar Patel (Energy Efficiency Chair, University of Geneva), Mr. Hannes Mac Nulty (Macnulty Consulting), Mr. Stefan Buettner (Institute for Energy Efficiency in Production (EEP)), Ms. Alisa Freyre (Services Industriels de Genève (SIG)), Mr. Zlatko Pavičić (Croatian Inventors Network), and Mr. Aleksandar Dukovski (Macedonian Center for Energy Efficiency), and, *ex officio*, Co-chair of the Joint Task Force on Energy Efficiency Standards in Buildings Mr. Andres Jaadla to

¹ The draft conclusions and recommendations will be reviewed by the Group of Experts after each agenda item and updated as needed.

join the Bureau for the next two years to strengthen its activities. The Group of Experts elected Mr. Aleksandar Dukovski as Chair.

3. The Bureau of the Group of Experts has the following members: Mr. Aleksandar Dukovski as chair and Ms. Nurangiz Farajullayeva (Azerbaijan), Mr. Andrei Miniankou (Belarus), Ms. Biljana Trivanovic (Bosnia and Herzegovina), Ms. Natalia Jamburia (Georgia), Mr. Alfredo Pini (Italy), Mr. Christian Noll (Germany), Ms. Antonela Solujic (Serbia), Mr. Boris Melnichuk (Russian Federation), Mr. Kostiantyn Gura (Ukraine), Mr. Martin Kumar Patel (Energy Efficiency Chair, University of Geneva), Mr. Hannes Mac Nulty (Macnulty Consulting), Mr. Stefan Buettner (Institute for Energy Efficiency in Production (EEP)), Ms. Ksenia Petrichenko (Copenhagen Centre on Energy Efficiency), Mr. Zlatko Pavičić (Croatian Inventors Network), and Ms. Alisa Freyre (Services Industriels de Genève (SIG)), and, *ex officio*, Co-chairs of the Joint Task Force on Energy Efficiency Standards in Buildings Mr. Burkhard Schulze Darup and Mr. Andres Jaadla as vice chairs.

3. Exchange of experience to improve significantly energy efficiency in industry sector

Documentation: ECE/ENERGY/2018/10–ECE/ENERGY/GE.6/2018/3 – Exchange of experience to improve significantly energy efficiency in industry sector. Background paper on the Concept Note and Terms of Reference for the Task Force on Industrial Energy Efficiency in the United Nations Economic Commission for Europe (ECE) Region for 2019–2020.

4. Took note of the endorsement by the ECE Committee on Sustainable Energy at its twenty-seventh session of the establishment of the Task Force on Industrial Energy Efficiency and its Terms of Reference and accepted the mandate to oversee its activities as outlined in the document ECE/ENERGY/2018/10–ECE/ENERGY/GE.6/2018/3 – Exchange of experience to improve significantly energy efficiency in industry sector. Background paper on the Concept Note and Terms of Reference for the Task Force on Industrial Energy Efficiency in the United Nations Economic Commission for Europe (ECE) Region for 2019–2020.

5. Supported activities to enhance dialogue between governments and business sectors to improve significantly energy efficiency in industry, which is not limited only to savings in production activities.

6. Expressed its support to continue exploring barriers that constrain energy efficiency implementation in the industry sectors and ways to overcome these barriers by organizing workshops with participation of policy makers and representatives of industrial companies both at international and national levels and by developing case studies on successful implementation of energy efficiency improvement in industry, which take into account its multiple benefits. The scale and scope of these activities depend on availability of resources and characteristics of each sector.

7. Supported enhanced cooperation in these activities with UNIDO, Copenhagen Centre on Energy Efficiency, other international organizations, academia, and private sector.

8. Requested the secretariat and interested members of the Bureau and the Group of Experts, jointly with UNIDO and other organizations to explore opportunities for developing project proposals to support activities of the Task Force on Industrial Energy Efficiency.

9. Elected Mr. Hannes Mac Nulty (Macnulty Consulting) and Mr. Stefan Buettner (Institute for Energy Efficiency in Production (EEP)) as Co-chairs of the Task Force on Industrial Energy Efficiency.

4. Exchange of experience on standards and guidelines to improve significantly energy efficiency in buildings

Documentation: ECE/ENERGY/GE.6/2018/4 – Exchange of experience on standards and guidelines to improve significantly energy efficiency in buildings. Background paper on main findings of the study on mapping of energy efficiency standards in buildings in the ECE region.

10. Took note of the document ECE/ENERGY/GE.6/2018/4 – Exchange of experience on standards and guidelines to improve significantly energy efficiency in buildings. Background paper on main findings of the study on mapping of energy efficiency standards in buildings in the ECE region and of the study that served as the basis for this document.

11. Took note of the draft study on mapping of existing technologies to enhance energy efficiency in buildings in the ECE region and recommended completing this study taking into account comments and suggestions from member States and experts.

12. Took note of the results of the first training seminar on high-performance energy efficiency standards in buildings for building sector practitioners, policy makers, and trainers held in the framework of the Joint Task Force on Energy Efficiency Standards in Buildings and recommended continuation of this activity subject to availability of resources.

13. Took note of the ongoing work on establishing an online database of experts on energy efficiency in buildings and encouraged members of the Group of Experts and the Joint Task Force on Energy Efficiency Standards in Buildings to support this tool.

14. Noted with appreciation the progress achieved by the Joint Task Force on Energy Efficiency Standards in Buildings in mapping the energy efficiency standards and technologies in buildings in the ECE region, in delivering training seminar on high-performance energy efficiency standards in buildings, in establishing an online database of experts on energy efficiency in buildings and recommended the development of case studies to demonstrate the impact of the Framework Guidelines and associated standards.

15. Expressed appreciation to the Governments of Denmark and Russian Federation and to the Black Sea Economic Cooperation Organization (BSEC) for their financial support for the extrabudgetary projects on Energy Efficiency Standards in Buildings.

16. Expressed appreciation to the Governments of Armenia and Ukraine, UNDP Office in Armenia, and the Interstate Corporation for Development for hosting events under the auspices of the Joint Task Force on Energy Efficiency Standards in Buildings.

17. Encouraged member States to continue support for the Joint Task Force on Energy Efficiency in Buildings through extrabudgetary funding.

18. Took note of the High-Performance Buildings Initiative that implements the dissemination and training called for in the Framework Guidelines on Energy Efficiency Standards in Buildings.

19. Noted with appreciation the institution of international centres of excellence on high-performance buildings as vehicles for deployment and dissemination of the Framework Guidelines on Energy Efficiency Standards in Buildings and encouraged their further development.

20. Encouraged member States to propose candidates for the global consortium of universities participating in the Global Building Network and the network of local institutions constituting International Centres of Excellence for High-Performance Buildings.

21. Recommended continued cooperation with the Committee on Housing and Land Management in the activities of the Joint Task Force on Energy Efficiency Standards in Buildings and in the implementation of extrabudgetary projects on Energy Efficiency Standards in Buildings.

5. Role of utilities, big data and geo-spatial data in energy transition

Documentation: ECE/ENERGY/GE.6/2018/6 – Role of utilities, big data and geo-spatial data in energy transition.

22. Took note of the document ECE/ENERGY/GE.6/2018/6 – Role of utilities, big data and geo-spatial data in energy transition.

23. Took note of presentations on the use of big data and geo-spatial data in energy transition.

24. Noted that utilities and energy service companies will play a significant role in the transition to clean energy system of the future and that the focus needs to shift to customer-driven service models, greenhouse gas emissions controls, affordability and reliability.

25. Encouraged Governments to develop and implement a set of policies and institutional measures needed to move from selling energy to selling energy services and introduce more broadly existing solutions for the use of energy data for building consumption optimization.

26. Requested the secretariat and interested members of the Bureau and the Group of Experts to organize a workshop on the role of utilities and the use of big data and geo-spatial data in energy transition in 2019 subject to availability of resources.

6. Regulatory and policy dialogue addressing barriers to improve energy efficiency and renewable energy

Documentation: ECE/ENERGY/GE.6/2018/5–ECE/ENERGY/GE.7/2018/5 – Regulatory and policy dialogue addressing barriers to improve energy efficiency and renewable energy. Background paper on progress in the areas of energy efficiency and renewable energy in selected countries of South-Eastern Europe, Eastern Europe, and Central Asia, and in Russian Federation.

27. Took note of the document ECE/ENERGY/GE.6/2018/5–ECE/ENERGY/GE.7/2018/5 Regulatory and policy dialogue addressing barriers to improve energy efficiency and renewable energy. Background paper on progress in the areas of energy efficiency and renewable energy in selected countries of South-Eastern Europe, Eastern Europe, and Central Asia, and in Russian Federation.

28. Supported the findings of the study on policy, regulatory and institutional reforms, capacity building process, development and introduction of best practices to promote energy efficiency and renewable energy in the selected countries since 2010 as well as on existing international processes that facilitate the countries' progress in the areas of energy efficiency and renewable energy.

29. Supported recommendations of the study on ways to overcome remaining gaps and on proposed next steps required to improve energy efficiency and renewable energy from a

sub-regional perspective in the countries of South-Eastern Europe, Eastern Europe, the Caucasus, and Central Asia, and in Russian Federation.

30. Requested the secretariat to issue a publication based on the study on progress in the areas of energy efficiency and renewable energy in selected countries of South-Eastern Europe, Eastern Europe, and Central Asia, and in Russian Federation.

31. Expressed appreciation on the strengthened collaboration with the Group of Experts on Renewable Energy on coordination of improving energy efficiency and deploying renewable energy sources through addressing key issues of common concern.

32. Requested the secretariat to explore further actions that increase financing of energy efficiency and renewable energy projects and contribute to the implementation of the 2030 Agenda for Sustainable Development.

33. Expressed appreciation of the progress made by the project “Pathways to Sustainable Energy” overseen by the Committee on Sustainable Energy and agreed to continue to contribute to the delivery of the project and to the exploring how countries can attain sustainable energy in the future.

34. Agreed to further coordinate the inputs to the Pathways project and represent the Group at project-related events subject to availability of resources and expressed commitment to integrate project-related policy themes into events under the auspices of the Group of Experts when possible to provide feedback and content to the project outputs.

7. Other business

35. The Group of Experts requested the secretariat to work with the Bureau of the Group of Experts to develop a draft Work Plan of the Group of Experts for 2020–2021 and submit it for review and approval by the Group of Experts by written procedure. The Group of Experts agreed that, in order to expedite submission of a draft Work Plan and other possible documentation for endorsement by the Committee on Sustainable Energy, it can work by written procedure subject to a minimum comment period of 21 days. No response or feedback is taken to be tacit approval.

36. Expressed appreciation to the Government of Ukraine for hosting the fifth session of the Group of Experts on Energy Efficiency in Kiev.

8. Report of the meeting

37. The report of the meeting was adopted, including conclusions and recommendations, subject to any necessary editing and formatting.

9. Dates of the next meeting

38. The sixth session of the Group of Experts on Energy Efficiency is scheduled to take place in Geneva on 8–9 October 2019. The Group of Experts confirmed its proposal from previous sessions that its meetings may take place in venues outside Geneva.