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**Economic Commission for Europe**
**Committee on Sustainable Energy**
**Twenty-fifth session**

Geneva, 28-30 September 2016 and 19 January 2017

**Report of the Committee on Sustainable Energy on its  
 twenty-fifth session**

Contents	<i>Paragraphs</i>	<i>Page</i>
I. Introduction and attendance .....	1–5	2
A. Opening and adoption of the agenda (agenda item 1).....	6–9	2
B. Election of Officers (agenda item 2).....	10–12	3
II. Policy Dialogues: Meeting the challenge of sustainable energy .....		3
A. Defining the gap to attain sustainable energy (agenda item 3) .....	13	3
B. Report on how the subsidiary bodies contribute to meeting the energy-related Sustainable Development Goals (agenda item 4) .....	14–36	3
C. Energy and Environment in a green economy (agenda item 5) ....	37–38	5
D. International Fora on Energy for Sustainable Development and Energy Ministerial (agenda item 6) .....	39–59	6
E. Complexity and decision-making in conditions of uncertainty (agenda item 7) .....	60–61	8
F. Energy efficiency in the built environment (agenda item 8).....	62–63	9
III. Future work of the Committee on Sustainable Energy.....		9
A. How can the Committee best respond to the needs of member States going forward? (agenda item 9) .....	64–73	9
B. Approval of documents (agenda item 10) .....	74–88	10
C. Any other business (agenda item 11) .....	89	12
D. Adoption of the report and close of the meeting (agenda item 12) .....	90–92	12
Annex		
Revised publication plan for 2016–2017 (ECE/ENERGY/2015/3) .....		13

## I. Introduction and attendance

1. The Committee on Sustainable Energy (the Committee) held its twenty-fifth session in Geneva on 28–30 September 2016 and on 19 January 2017.
2. About two hundred representatives from the following United Nations Economic Commission for Europe (ECE) member States participated: Azerbaijan, Belarus, Bulgaria, Bosnia and Herzegovina, Croatia, Czech Republic, Georgia, Germany, Greece, Israel, Italy, Kazakhstan, Monaco, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Slovakia, Switzerland, The former Yugoslav Republic of Macedonia, Tajikistan, Turkmenistan, Ukraine, and United States of America. Further, the following representatives from non-ECE member States attended: Islamic Republic of Iran and Sierra Leone.
3. Representatives of the following United Nations programmes and specialized agencies attended: UNEP-DTIE, UNDP Regional Office for Europe and CIS, UNDP Kazakhstan, and the International Labor Office (ILO).
4. The following intergovernmental and non-governmental organizations as well as academic institutions were in attendance: European Bank for Reconstruction and Development (EBRD), Gas Exporting Countries Forum (GECF), International Energy Charter, International Gas Union, International Institute for Applied Systems Analysis (IIASA), International Investment Center, International Sustainable Energy Organization (ISEO), International Organization for Standardization (ISO), Moscow International Petroleum Club, Organization for Security and Cooperation in Europe (OSCE), Passive House Institute, UNEP DTU Partnership, Copenhagen Centre on Energy Efficiency, Zoi Environment Network, The World Future Council, World Coal Association, “SEG” Civil Solarspar Association, Society Support Center NGO, Agency Supporting Humanity – Benin, Deutsche Unternehmensinitiative Energieeffizienz e.V. (DENEFF), Global CCS Institute, Institute Cadaster, International Institute for Sustainable Development (IISD), Institute of Geography of Azerbaijan National Academy of Sciences, Politecnico di Milano – eERG, The University of Reading, University of Geneva, North American Passive House Network, Polish Chamber of Ecology, Serbian Association of Employers, Solar Impulse, Rocky Mountain Institute, and The Club of Rome.
5. Independent experts, representatives of academia and the private sector also attended, at the invitation of the secretariat.

### A. Opening and adoption of the agenda (agenda item 1)

*Documentation:* ECE/ENERGY/106 – Annotated provisional agenda.

6. The Vice-Chair of the Committee, Mr. Nazir Ramazanov (Azerbaijan), opened the meeting and presented the provisional agenda, which was adopted without any changes.
7. The Vice-Chair informed the Committee that the Chair, Mr. Jürgen Keinhorst (Germany), would chair Items 6 to 12 of the provisional agenda.
8. The Committee agreed to consider recommendations and conclusions after each agenda item, followed by the adoption of the report of the Committee at the end of the twenty-fifth session.
9. The Deputy Executive Secretary of the ECE, Mr. Andrey Vasilyev, welcomed the participants and highlighted the importance of implementing the 2030 Agenda on Sustainable Development (2030 Agenda) and the role that the Committee and its work could play. Achieving the 2030 Agenda requires countries to pursue concerted and

accelerated action on sustainable energy in their national programmes in order to reconcile the world's growing need for energy services with mitigating the impacts of energy resource development and use.

## **B. Election of officers (agenda item 2)**

10. The Committee elected Mr. Ramazan Zhampiisov (Kazakhstan) and Mr. Jarad Daniels (United States) as Vice-Chairs until the end of the twenty-seventh session of the Committee. The term of office of the already-elected officials, Mr. Jürgen Keinhorst (Germany) as Chair and Mr. Nazir Ramazanov (Azerbaijan), Mr. Sergio Garribba (Italy), Mr. Talyat Aliev (Russian Federation), Mrs. Jelena Simovic (Serbia), Mr. Jean-Christophe Füg (Switzerland), Mr. Yagshygeldi Kakaev (Turkmenistan), and Mr. Ihor Didenko (Ukraine) as Vice-Chairs was for two years from the date of their election until the end of the twenty-sixth session of the Committee on Sustainable Energy.

11. The Committee underscored the desirability, for the sake of ensuring continuity of the Bureau, that not all officers be elected at the same time.

12. The Committee thanked the Chairs of the Committee's subsidiary bodies for their valuable contributions to the Bureau since the twenty-fourth session of the Committee on Sustainable Energy, of which they remain members *ex officio*.

## **II. Policy Dialogues: Meeting the challenge of sustainable energy**

### **A. Defining the gap to attain sustainable energy (agenda item 3)**

13. The Committee explored what sustainable energy means for the ECE region and the possible pathways that exist based on a keynote presentation by Dr. Volker Krey from the International Institute for Applied Systems Analysis (IIASA). He explored both the gap between current actions taken by governments and the sustainable development commitments they have made, and a second gap between their commitments and the ambition of limiting temperature rises to well below 2°C.

### **B. Report on how the subsidiary bodies contribute to meeting the energy-related Sustainable Development Goals (agenda item 4)**

*Documentation:* ECE/ENERGY/2016/16 – Mapping of the sustainable energy subprogramme processes and activities that support countries in achieving the Sustainable Development Goals

14. Sustainable Development Goal 7 is most relevant for the work of the sustainable energy subprogramme as it is directly related to energy access, renewable energy and energy efficiency, but the Committee's work contributes directly or indirectly to all of the Sustainable Development Goals. The six subsidiary bodies presented the contributions of the expert groups to meeting the energy-related Sustainable Development Goals and how the activities offer support in the implementation of 2030 Agenda. The Committee was further briefed on the activities undertaken by the Committee and its subsidiary bodies since its twenty-fourth session and the plans for the coming year.

15. In light of the discussion, the Committee endorsed the collaboration with the other United Nations Regional Commissions, the World Bank, the International Energy Agency, and the International Renewable Energy Agency on tracking progress towards attainment of

the energy-related Sustainable Development Goals and targets and requested the secretariat to seek funding for the activities on an ongoing basis.

16. Further, the Committee acknowledged the important work of the six subsidiary bodies to achieve the energy-related Sustainable Development Goals and the work undertaken since the twenty-fourth session and requested further analysis on how the activities offer support to the implementation of the 2030 Agenda on Sustainable Development at the national level.

17. With respect to the individual subsidiary bodies, the Committee:

**1. Expert Group on Resource Classification**

18. Noted with appreciation the progress that the Expert Group on Resource Classification has made since the twenty-fourth session on delivering on its mandated activities and Work Plan for 2016–2017.

19. Noted with appreciation in particular the significant work that has been undertaken to broaden the application of UNFC-2009 to encompass renewable energy and requested the Expert Group on Resource Classification to consider changing the name of UNFC-2009 to reflect that it is for energy and mineral resources and not just for fossil energy.

20. Requested the Expert Group on Resource Classification to submit a draft Work Plan for the Expert Group for 2018–2019 at its twenty-sixth session (see also paragraphs 76–80 in this document).

**2. Group of Experts on Cleaner Electricity Production from Fossil Fuels**

21. Noted with appreciation the progress that the Group of Experts on Cleaner Electricity Production from Fossil Fuels has made since the twenty-fourth session on delivering on its mandated activities and Work Plan of the Group of Experts on Cleaner Electricity Production from Fossil Fuels for 2016–2017.

22. Requested the Group of Experts on Cleaner Electricity Production from Fossil Fuels to submit a request for extension of its mandate and a draft Work Plan of the Expert Group for 2018–2019 at its twenty-sixth session.

23. Recognizing the central role of electricity in the process of reforming the energy system to achieve the Sustainable Development Goals and targets and the importance of aligning producer and consumer efforts to achieve this reform, requested the secretariat to review the structure of subsidiary bodies with a view of confirming or securing that the Committee is well served with advice for its future activities, and report findings at its twenty-sixth session.

**3. Group of Experts on Coal Mine Methane**

24. Noted with appreciation the progress that the Group of Experts on Coal Mine Methane has made since the twenty-fourth session on delivering on its mandated activities and the Work Plan of the Group of Experts on Coal Mine Methane for 2016–2017.

25. Requested the Group of Experts on Coal Mine Methane to submit a request for extension of its mandate and a draft Work Plan of the Expert Group for 2018–2019 at its twenty-sixth session.

26. Requested that the Group of Experts on Coal Mine Methane make a proposal to the twenty-sixth session of the Committee on Sustainable Energy on expanding the mandate of the Group of Experts to encompass work on the transition of traditional mining companies to become integrated service companies and to explore the impact this transition might have

on the contributions of the energy sector on sustainable development (see also paragraphs 81-88 in this document).

#### **4. Group of Experts on Gas**

27. Noted with appreciation the progress that the Group of Experts on Gas has made since the twenty-fourth session on delivering on its mandated activities and the Work Plan of the Group of Experts on Gas for 2014–2017 (see also paragraphs 83-88 in this document).

#### **5. Group of Experts on Renewable Energy**

28. Noted with appreciation the progress that the Group of Experts on Renewable Energy has made since the twenty-fourth session on delivering on its mandated activities and the Work Plan of the Group of Experts on Renewable Energy for 2016–2017.

29. Requested the Group of Experts on Renewable Energy to submit a request for extension of its mandate and a draft Work Plan of the Expert Group for 2018–2019 at its twenty-sixth session.

30. Recommended to use key findings from the UNECE Renewable Energy Status Report and subsequent updates as a basis for promoting renewable energy projects, providing technical assistance and training programmes, and exploring the establishment of one or more sub-regional Centres of Excellence in collaboration with other partners in member States at their request and upon the availability of resources. These efforts will support member States to increase the uptake of renewable energy and support achieving the target of increasing substantially the share of renewable energy in the global energy mix by 2030.

31. Requested the Group of Experts on Renewable Energy to assess constraints on renewables deployment, explore opportunities for their acceleration and share information on best practices for the deployment of renewable energy within future energy systems.

#### **6. Group of Experts on Energy Efficiency**

32. Noted with appreciation the progress that the Group of Experts on Energy Efficiency has made since the twenty-fourth session on delivering on its mandated activities and the Work Plan of the Group of Experts on Energy Efficiency for 2016–2017.

33. Requested the Group of Experts on Energy Efficiency to submit a request for extension of its mandate and a draft Work Plan of the Group of Experts for 2018–2019 at its twenty-sixth session.

34. Requested the Group of Experts on Energy Efficiency to explore barriers that impede energy efficiency implementation, with particular focus on the industrial, residential, and service sectors.

35. Requested the Group of Experts on Energy Efficiency to assess existing national minimum energy performance standards and their application throughout the ECE region.

36. Requested the Groups of Experts on Energy Efficiency and on Renewable Energy to deepen their collaboration on deploying renewable energy sources in conjunction with energy efficiency measures.

### **C. Energy and Environment in a green economy (agenda item 5)**

37. This session, jointly organized by the ECE sustainable energy and environment subprogrammes, invited actors from both sectors to explore the water–energy–food–

ecosystems nexus and the transition to a green economy in the pan European region. Mr. Graeme Maxton, Secretary General of the Club of Rome, highlighted the opportunities to achieve environmental goals while transitioning to a sustainable energy system and moving towards a green economy. Following this introduction, a multistakeholder panel addressed the need to capitalise on synergies across sectors within governments and within ECE especially in the nexus area. The session allowed the exchange of views on integrated approaches to policy making and collaboration.

38. The Committee appreciated the discussion and requested that future mandates and work plans for the subsidiary bodies give special attention to joint activities across sectors within governments and within ECE in addressing energy nexus issues, and to explore potential partnerships for enhanced capacity building and sharing of experiences and lesson learned.

#### **D. International Fora on Energy for Sustainable Development and Energy Ministerial (agenda item 6)**

*Documentation:* ECE/ENERGY/2016/7 – Pathways to sustainable energy  
ECE/ENERGY/2016/8 – Draft outcome document of the Seventh International Forum on Energy for Sustainable Development  
ECE/ENERGY/2016/9 – Concept note and draft outcome document of the Eighth International Forum on Energy for Sustainable Development and Energy Ministerial

39. The Committee was informed of the preparations for the Seventh and Eighth International Fora on Energy for Sustainable Development. The Committee welcomed and appreciated the preparatory efforts currently underway by host-countries Azerbaijan and Kazakhstan and invited member States to disseminate broadly the information to potential participants.

40. The session provided an opportunity to discuss national action plans and holistic energy policy making, especially in the context of the role of fossil fuels in future sustainable energy systems and the impacts of the rapid decarbonisation required to meet the goals and targets.

41. Following the exchanges, the Committee discussed the impact of the two main documents (ECE/ENERGY/2016/8 and ECE/ENERGY/2016/9) and provided recommendations on their implementation.

42. In light of the discussion, the Committee:

43. Stressed the importance of developing concrete pathways and solutions towards sustainable energy in the ECE region at this time and continued the support of the project it mandated during the twenty-third and twenty-fourth sessions on Pathways to Sustainable Energy (ECE/ENERGY/2014/96 and ECE/ENERGY/2015/99).

44. Recommended to strengthen ECE's and the Committee's role as a neutral platform for policy and technology dialogues on the attainment of the Sustainable Development Goals and targets and to continue to collaborate with the other Regional Commissions for accelerated progress as it is being done through the international forum process.

45. Took note that member States support the initiative of Kazakhstan to host an energy ministerial that will be held back to back with the Eighth International Forum on Energy for Sustainable Development (the Eighth Forum) at the opening of the EXPO-2017 "Future Energy" in Astana, Kazakhstan, on 11 June 2017.

46. Agreed to extend invitations to member States of five Regional Commissions for ministerial participation at the energy ministerial.
47. Took note of the draft outcome document of the Seventh Forum (ECE/ENERGY/2016/8) and of the concept note and draft outcome document of the Eighth Forum (ECE/ENERGY/2016/9) proposing to commit to concrete actions to accelerate achievement of the energy-related Sustainable Development Goals (ECE/ENERGY/99, para. 87 to 89), with the idea that ministers would sign up to specific actions during the Eighth Forum.
48. Endorsed to conduct the country consultation process in preparation for the Eighth Forum and energy ministerial through an on-line consultation process involving the member States of all Regional Commissions to refine the outcome document of the Eighth Forum and energy ministerial (ECE/ENERGY/2016/9, Annex). Recommendations should focus on action-oriented implementation, in particular in relation to the regional application of the Global Tracking Framework as well as the sixty-seventh session of the ECE Commission in April 2017 and must involve the six subsidiary bodies, interested international organisations and stakeholders. Decided to seek comments from member States between 3 October and 31 December 2016 through aforementioned on-line consultation process.
49. Took note that the Committee on Housing and Land Management also expressed its support and interest to participate in the consultation process of document ECE/ENERGY/2016/9.
50. Decided not to close the twenty-fifth session of the Committee on Sustainable Energy on 30 September 2016 with the adoption of the report (ECE/ENERGY/107) but to adjourn the session with the objective to reconvene on 19 January 2017 to consider the draft outcome document for the ministerial meeting (ECE/ENERGY/2016/9) and to adopt the report of the twenty-fifth session.
51. Requested the secretariat to proceed with the preparations of the second part of the twenty-fifth session of the Committee on Sustainable Energy on 19 January 2017 and to issue a revised version of document ECE/ENERGY/2016/9, Concept note and draft outcome document of the Eighth International Forum on Energy for Sustainable Development and Energy Ministerial (ECE/ENERGY/2016/9.Rev.1) no later than 10 days before the session. Requested that all parliamentary documents necessary for the session be translated into the official languages of the United Nations, and at a minimum the revised document ECE/ENERGY/2016/9.Rev.1.
52. Requested the secretariat to proceed with the preparations of the twenty-sixth session of the Committee on Sustainable Energy on 26-28 September 2017 in Geneva, including a draft agenda, draft report, all supporting documents for mandate and work plan approval of its six subsidiary bodies, the draft strategic framework for 2020-2021 and the draft proposal for the programme of work for the ECE sustainable energy subprogramme for 2018–2019.
53. Endorsed the collaboration with the other United Nations Regional Commissions, the World Bank, the International Energy Agency, and the International Renewable Energy Agency on the 2017 edition of the SE4All Global Tracking Framework and its follow-up activities.
54. Mandated the Groups of Experts on Energy Efficiency and Renewable Energy to carry out work on their relevant subject areas to support the efforts of the Global Tracking Framework, with a particular focus on indicators of progress in energy efficiency and renewable energy.

55. Requested a regional report on the results of the Global Tracking Framework after the first year and as a consequence mandated the secretariat to proceed with the preparations for such a publication to be issued in 2017 instead of publication number 7 in document ECE/ENERGY/2015/3, providing thus a mandate for the issuance of the publication. In the context of the publication plan for 2016-2017 the Committee further recommends the issuance of the booklet series in 2017 instead of 2016 to have the biggest coverage of the subjects before the twenty-sixth session. The revised publication plan for 2016-2017 is attached in Annex 1.

56. In its resumed session, the Committee was informed of the comments made during the public, informal and inclusive consultation process concerning document ECE/ENERGY/2016/9. 21 comments were received from other Regional Commissions, subsidiary bodies, and partners from the private sector, international organizations and academia. The results can be seen on the website<sup>1</sup>. Recommendations and suggestions have been integrated into document ECE/ENERGY/2016/9.Rev.1, which was presented to the Committee for consideration.

57. In the light of the discussions, the Committee endorsed ECE/ENERGY/2016/9.Rev.1, as revised in the session, and recommended its submission to EXCOM for approval and inclusion in the forthcoming sixty-seventh session of the Economic Commission for Europe on 26–27 April 2017 and for subsequent submission to the energy ministerial to be held on 11 June 2017 as reflecting the ECE position.

58. The Committee requested the Bureau to set up a drafting group composed of representatives of the Committee, the newly established Committee on Energy of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) and Kazakhstan to refine document ECE/ENERGY/2016/9.Rev.1 as revised in the session, and the outcome document from the first session of the ESCAP Committee on Energy with a view to consider the originally-proposed annexes.

59. Further changes can be made to the ministerial statement in preparation of the energy ministerial based on additional inputs from concerned countries, ministers and other Regional Commissions before adoption at the ministerial.

## **E. Complexity and decision-making in conditions of uncertainty (agenda item 7)**

*Documentation:* ECE/ENERGY/2016/7 – Pathways to sustainable energy

60. The Committee appreciated the exploration on complex systems thinking and modelling and how this could be useful in understanding the complexity of energy systems and how these systems change, in order to address current and future policy challenges.

61. The Committee took note of the developments of the project it oversees called Pathways to Sustainable Energy and requested a report on the results for presentation at its twenty-sixth session.

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<sup>1</sup> <https://www.unecce.org/energy/welcome/committee-on-sustainable-energy/committee-on-sustainable-energy/energycse-consultation-process/comments-received.html>



## **F. Energy efficiency in the built environment (agenda item 8)**

*Documentation:* ECE/ENERGY/GE.6/2016/5 – Energy efficiency standards in buildings – Concept note on the principles-based energy performance standard in buildings

62. A multi-stakeholder panel presented the Committee with a principles-based performance standard for energy efficiency in buildings that would provide guidance for national policy and building codes, for participants in the building delivery chain and across the building and community life cycle. The Committee discussed the paradigm shift needed to conceive, deliver, manage and retire buildings holistically and sustainably over their life cycles. The concept that was presented focused on the integration of whole buildings including systems and subsystems, integration of the buildings with the built environment within which they are located, and energy efficiency improvements that are not incremental but transformational.

63. The Committee supported the proposal to develop a principles-based performance standard in buildings and mandated the Joint Task Force on Energy Efficiency Standards in Buildings with the Committee on Housing and Land Management to work with the stakeholder community to develop the concept further, subject to available resources. The Committee further requested a progress report at its twenty-sixth session.

## **III. Future work of the Committee on Sustainable Energy**

### **A. How can the Committee best respond to the needs of member States going forward? (agenda item 9)**

*Documentation:* ECE/ENERGY/2016/10 – Draft proposal for the programme of work for the ECE sustainable energy subprogramme for 2018–2019

ECE/ENERGY/2016/11 – Provisional calendar of meetings for 2017

ECE/ENERGY/2016/12 – Draft publication plan for 2018–2019

ECE/ENERGY/2016/13 – Budget and resourcing of the ECE sustainable energy subprogramme

ECE/ENERGY/2016/14 – Report on regional advisory services in sustainable energy

ECE/ENERGY/2016/15 – Cooperation and coordination with other intergovernmental and non-governmental organizations

64. Following collective input by the Chairs of the Groups of Experts on opportunities for greater cooperation among the subsidiary bodies, the Committee discussed perspectives about how it could best respond to the needs to member States going forward.

65. In light of the discussion, the Committee:

66. Invited the Groups of Experts to meet regularly, possibly on a virtual basis, to discuss and develop a common understanding of and approach to achieving Sustainable Development Goals. Further invited the Groups of Experts to help member States produce transparent, timely, and accurate data for assessment of energy production, transportation, transformation, consumption and energy emissions.

67. Further asked the Groups of Experts to prepare requests for mandates and work plans taking into account a more cross-cutting approach for consideration at its twenty-sixth

session, as appropriate. This is to be seen in the light of enhancing the efficiency and effectiveness of work undertaken given the cross-cutting nature of the Sustainable Development Goals and the fundamental role energy is playing in all of them. The Committee supported a dynamic and flexible approach and recommended that all options be considered for such a cooperation.

68. The Committee decided to revise its programme of work for 2016–2017 (ECE/ENERGY/2015/2/Rev.1) making the following changes to parliamentary documentation: increasing the set of documents for the Committee to approximately 35 documents; increasing the set of documents for the Expert Group on Resource Classification to 24 documents; decreasing the set of documents for the Group of Experts on Coal Mine Methane to 6 documents; decreasing the set of documents for the Group of Experts on Cleaner Electricity Production from Fossil Fuels to 6 documents; and decreasing the set of documents for the Group of Experts on Gas to 2 documents.

69. Took note of the draft proposal for the programme of work for the ECE sustainable energy subprogramme for 2018–2019 (ECE/ENERGY/2016/10), including the terms of reference of the Committee on Sustainable Energy and mandates and terms of reference of its subsidiary bodies (Annex IV) and requested the secretariat to incorporate comments made, and including about its programme of work for 2016–2017, for consideration at the twenty-sixth session. Recommended to maintain the length of meetings at twelve sessions per biennium.

70. Further took note of the following reports: Budget and resourcing of the ECE sustainable energy subprogramme (ECE/ENERGY/2016/13), Report on regional advisory services in sustainable energy (ECE/ENERGY/2016/14) and Cooperation and coordination with other intergovernmental and non-governmental organizations (ECE/ENERGY/2016/15).

71. Endorsed the Provisional calendar of meetings for 2017 (ECE/ENERGY/2016/11) and the draft publication plan for 2018–2019 (ECE/ENERGY/2016/12).

72. Invited governments and other organizations to provide financial and/or in-kind expert support to strengthen the implementation of its programme of work for 2016–2017.

73. Took note of the request by its Bureau to increase the participation of representatives and experts from the capitals of the ECE member States in its activities and meetings. In order to allow more targeted outreach and information flow in preparation for the second part of its twenty-fifth session and the twenty-sixth session in 2017, requested member States of the ECE and other participants of the meeting to provide expert contact points to the secretariat and requested the secretariat to implement this request.

## **B. Approval of documents (agenda item 10)**

*Documentation:* ECE/ENERGY/2016/1 – Draft Work Plan of the Group of Experts on Gas for 2014–2017  
ECE/ENERGY/2016/2 – Methane management in extractive industries - update  
ECE/ENERGY/2016/3 – Bridging Document between the Oil and Fuel Gas Reserves and Resources Classification of the Russian Federation of 2013 and the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009 (UNFC-2009)

ECE/ENERGY/2016/4 – Specifications for the application of UNFC-2009 to renewable energy resources

ECE/ENERGY/2016/5 – Specifications for the application of UNFC-2009 to geothermal energy resources

ECE/ENERGY/2016/6 – Specifications for the application of UNFC-2009 to injection projects for the purpose of geological storage

ECE/ENERGY/GE.3/2016/2 - Report of the Seventh Session of the Expert Group on Resource Classification

ECE/ENERGY/GE.8/2016/2 - Report of the Third Session of the Group of Experts on Gas

74. The Committee was presented with a range of additional documents to support the implementation of the previously mandated areas of work.

75. In the light of the discussion, the Committee:

### **1. Expert Group on Resource Classification**

76. Endorsed the following four documents: i) Bridging Document between the Oil and Fuel Gas Reserves and Resources Classification of the Russian Federation of 2013 and the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009 (UNFC-2009) (ECE/ENERGY/2016/3); ii) Specifications for the application of UNFC-2009 to renewable energy resources (ECE/ENERGY/2016/4); iii) Specifications for the application of UNFC-2009 to geothermal energy resources (ECE/ENERGY/2016/5); and iv) Specifications for the application of UNFC-2009 to injection projects for the purpose of geological storage (ECE/ENERGY/2016/6).

77. Took note of the report of the Seventh Session of the Expert Group on Resource Classification (ECE/ENERGY/GE.3/2016/2).

78. Endorsed the conclusion of the Expert Group on Resource Classification at its seventh session that an update of UNFC-2009 should be prepared for release, but not before 2018. Requested that the revised version of UNFC-2009 when issued be published in all United Nations languages to help implement ECOSOC Decision 2004/233.

79. Noting that an updated version of UNFC-2009 is included in the Publications Programme for 2016–2017 (item number 68/1879), endorsed the recommendation of the Expert Group on Resource Classification that this publication be issued instead as Case Studies on UNFC-2009. Further noting that the case studies will assist with global application of UNFC-2009, recommended that the publication be issued in all United Nations languages in support of ECOSOC Decision 2004/233.

80. Endorsed the extrabudgetary project proposal prepared by the Expert Group on Resource Classification to fund needed secretariat support and other activities such as outreach and dissemination to ensure full and proper continued development and deployment of UNFC-2009 and requested the Secretariat to seek funding for the project.

### **2. Group of Experts on Coal Mine Methane**

81. Took note of the report on methane management in extractive industries – update (ECE/ENERGY/2016/2) and requested that the task force on methane management in extractive industries prepare a report based on its survey of current practices and a draft best practice guidance document on monitoring, measuring, recording, and reporting methane emissions for submission to the twenty-sixth session of the Committee.

82. See also paragraphs 86 and 87 in this document.

### **3. Group of Experts on Gas**

83. Took note of the report of the Third Session of the Group of Experts on Gas (ECE/ENERGY/GE.8/2016/2).

84. Endorsed the Draft Work Plan of the Group of Experts on Gas for 2014–2017 (ECE/ENERGY/2016/1) and requested the Group of Experts on Gas to submit a draft Work Plan for the Expert Group for 2018–2019 at its twenty-sixth session.

85. Requested the secretariat to submit the draft Work Plan for the Group of Experts on Gas for 2014–2017 (ECE/ENERGY/2016/1) for subsequent approval by the Executive Committee.

86. Requested the Group of Experts on Gas to accelerate its contribution to the work of the Committee in the area of methane management in extractive industries, in particular through the Group's work on managing methane emissions in the gas value chain.

87. In view of the importance of methane management as a means to enhance economic growth and reduce greenhouse gas emissions, supported the proposal of the Global Methane Initiative that a Year of Methane should be organized, preferably in 2018. The Committee requested that this proposal be considered by the Economic Commission for Europe at its sixty-seventh session.

88. Requested that the Group of Experts on Gas at its fourth session (27–28 March 2017) explore the establishment of a gas industry advisory board to support attainment of the Sustainable Development Goals and the Paris Climate Agreement and submit its recommendation to the Committee at its twenty-sixth session.

### **C. Any other business (agenda item 11)**

89. The secretariat informed of the possibility to hold an exhibition about energy transformation in member States in the Palais des Nations from 9 to 24 January 2017 and invited member States to participate and contribute.

### **D. Adoption of the report and close of the meeting (agenda item 12)**

*Documentation:* ECE/ENERGY/107 – Report of the Committee on Sustainable Energy on its twenty-fifth session

90. The Chair summarized the major decisions, conclusions and recommendations taken by the Committee.

91. The Committee adopted the final report in its resumed session on 19 January 2017, taking into account comments by member States through a public informal and inclusive on-line consultation process concerning document ECE/ENERGY/2016/9.

92. The twenty-fifth session was adjourned on 30 September 2016 at 12.35 hours and on 19 January 2017 at 17.35 hours.

## Annex

### Revised publication plan for 2016–2017 (ECE/ENERGY/2015/3)

<i>Item no.</i>	<i>Publication title</i>	<i>Planned date of issue</i>	<i>Issue format (print and/or electronic)</i>	<i>Number of pages in original language</i>	<i>Original language</i>	<i>Language for translation</i>	<i>Number of copies and languages for reproduction</i>
<b>Non-recurrent publications</b>							
1 (no 1849) <sup>1</sup>	Tracking Progress of Renewable Energy Deployment	2016	Print and electronic	80	E	F, R	300E, 100F, 300R
2 (no 1850) <sup>1</sup>	Best Practice Guidelines for Sustainable Renewable Energy Development	2017	Print and electronic	150	E	F, R	300E, 100F, 300R
3 (no 1851) <sup>1</sup>	Promotion of Benefits of Energy Efficiency Improvements	2016	Print and electronic	150	E	F, R	300E, 100F, 300R
4 (no 1852) <sup>1</sup>	Implementation of Cost-effective Policies to Improve Energy Efficiency	2017	Print and electronic	180	E	F, R	300E, 100F, 300R
5 (no 1879) <sup>1</sup>	United Nations Framework Classification for Energy and Mineral Reserves and Resources Incorporating Specifications for its Application- Updated Version	2017	Print and electronic	85	E	A, C, F, R, S	3000E, 500A, 600C, 500F, 600R, 700S
6 (no 1881) <sup>1</sup>	Best Practice Guidance on Effective Methane Drainage and Use in Coal Mines- Updated Version	2016	Print and electronic	80	E	C, F, R, S	600E, 500C, 100F, 500R, 300S
7 (no 1882) <sup>1</sup>	Global Tracking Framework: UNECE Progress in Sustainable Energy	2017	Print and electronic	150	E	F, R	500E, 100F, 300R
8 (no 1885) <sup>1</sup>	Best Practice Guidance to Reduce Gas Leaks in the Gas Value Chain	2016	Print and electronic	60	E	F, R	500E, 100F, 300R
9 (no 1887) <sup>1</sup>	Best Policy Practices						

	on the Role of Natural Gas to Support Renewables Uptake	2017	Print and electronic	60	E	F, R	500E, 100F, 300R
10 (no 1888) <sup>1</sup>	Best Practice Policy Guidance for Liquefied Natural Gas (LNG)	2017	Print and electronic	60	E	F, R	500E, 100F, 300R
11 (no1889) <sup>1</sup>	Removing Barriers to the Use of Natural Gas as a Transportation Fuel	2017	Print and electronic	60	E	F, R	500E, 100F, 300R
<b>Other promotional material</b>							
(booklets on topics to be identified, tentatively as follows:)							
1	Booklet on Sustainable Energy Development in the ECE Region	2017	Print and electronic	20	E	F, R	300E, 200F, 300R
2	Booklet on Natural Gas	2017	Print and electronic	20	E	F, R	300E, 200F, 300R
3	Booklet on Cleaner Electricity Production from Fossil Fuels	2017	Print and electronic	20	E	F, R	300E, 200F, 300R
4	Booklet on Resource Classification	2017	Print and electronic	20	E	F, R	300E, 200F, 300R
5	Booklet on Renewable Energy	2017	Print and electronic	20	E	F, R	300E, 200F, 300R
6	Booklet on Coal Mine Methane	2017	Print and electronic	20	E	F, R	300E, 200F, 300R

<sup>1</sup> Number in the "ECE Publications Programme 2016–2017".