

**Economic Commission for Europe**  
Committee on Sustainable Energy

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

**Tenth session**

Geneva, 21 October 2014

Item 11 of the provisional agenda

**Adoption of Conclusions and Recommendations**

**Draft Conclusions and Recommendations arising from the Group of Experts on Cleaner Electricity Production from Fossil Fuels Tenth Session<sup>1</sup>**

**Draft for discussion**

**Agenda item 5: Survey of carbon capture and storage: landscape, recent developments and stakeholders**

1. The Group of Experts reviewed the draft CCS survey covering the landscape, recent developments, and principal actors. It was noted that one of the possible areas where the Group of Experts could provide value added is in dissemination of existing experience and in capacity building in countries with economies in transition, where power generation depends on fossil fuels. The Bureau was requested to prepare a proposal for future work in this area for consideration by the Group of Experts at its eleventh session.

**Agenda Item 6: Recommendations to the United Nations Framework Convention on Climate Change on the use of carbon capture and storage in reducing greenhouse gas emissions**

2. The Group of Experts approved the recommendations.

3. The Group of Experts requested the Bureau in cooperation with the Task Force to update the communication document to UNFCCC with recommendations on the use of CCS in reducing GHGs in the light of comments made during the meeting.

4. The Group of Experts further requested that the final document be submitted to the Committee on Sustainable Energy at its twenty-third session for endorsement and for the Committee's agreement that the document be sent by the Executive Secretary of ECE to UNFCCC.

**Agenda item 7: Assessing the efficiency of the existing fleet of conventional power plants in the United Nations Economic Commission for Europe region**

5. The Group of Experts noted the progress made in the preparation of a baseline analysis of the efficiency of fossil fuel-fired power plants in the ECE region. The Group of Experts

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<sup>1</sup> The draft conclusions and recommendations will be reviewed by the Expert Group after each agenda item and updated as needed.

requested that a Task Force be established to complete the study with further data gathering and analysis in close collaboration with the IEA Clean Coal Centre, national authorities and other relevant stakeholders and to submit the results for review at the eleventh session.

6. The Group of Experts further requested that the Task Force begin considerations on potential normative instruments.

**Agenda item 8: Other activities in the field of cleaner electricity production**

7. The Group of Experts reviewed other activities in the field of cleaner electricity production and requested the Bureau, in cooperation with the secretariat, to carry out an assessment of the following:

(a) in the light of the sustainable development objectives related to energy what would be the appropriate goals for the ECE region and methods of implementation?;

(b) what would be appropriate role for fossil fuels in the future energy system of the ECE region (fuel balances in the ECE region and its sub-regions, including transit and the implications for energy security; emerging technologies and the potential they represent for energy for sustainable development, including: unconventional gas, CCS, energy storage, increased flexibility fossil fuel power plants to compensate renewables, smart grids)?;

(c) goals, targets and indicators on efficiency of fossil fuel-fired power plants and the impact on GHG emissions with a view to developing best practice guidance.

**Agenda item 9: Lessons learnt from the completed United Nations Development Account project: “Mitigating Climate Change through Attracting Foreign Direct Investment in Advanced Fossil Fuel Technologies”**

8. The Group of Experts noted with appreciation the implementation of the UNDA project “Mitigating Climate Change through Attracting Foreign Direct Investment in Advanced Fossil Fuel Technologies” and requested the secretariat to disseminate the conclusions and lessons learnt from the project.

**Agenda item 10. Work plan for 2014–2015**

9. Noting that its Work Plan for 2014–2015 was approved by the ECE Executive Committee at its sixty-eighth meeting, on 30 April 2014, the Group of Experts agreed that no changes were needed to the work plan for 2014–2015 and recommended that a draft Work Plan for 2016–2017 be prepared by the Bureau, in cooperation with the secretariat, for the eleventh session.

**Agenda Item 12: Preparations for the eleventh session of the Group of Experts**

10. The Group of Experts recommended that the topics outlined under agenda items 7 and 8 comprise the substantive portion of its eleventh session:

11. The Group of Experts requested the secretariat, in cooperation with the Bureau, to prepare short background documents for each of the topics listed under agenda items 7 and 8 for the eleventh session.

**Agenda Item 13: Other business**

12. The Group of Experts noted the challenge to complete its work in one day and requested a similar workshop/stakeholder consultation meeting to be organized the day before the eleventh session. The Group of Experts requested that consideration be given to increasing the duration of future meetings of the Group of Experts to one and a half or two days and to assign further secretariat resources to meet growing requirements.

13. The eleventh session of the Group of Experts is tentatively scheduled for 30 October 2015 in Geneva.

**Agenda item 14: Report of the meeting**

14. The report of the meeting was adopted subject to any necessary editing and formatting.

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