





28th Session of the Committee on Sustainable Energy

Accelerating and Deepening the Transition of Sustainable Energy Systems

25-27 September 2019, Geneva

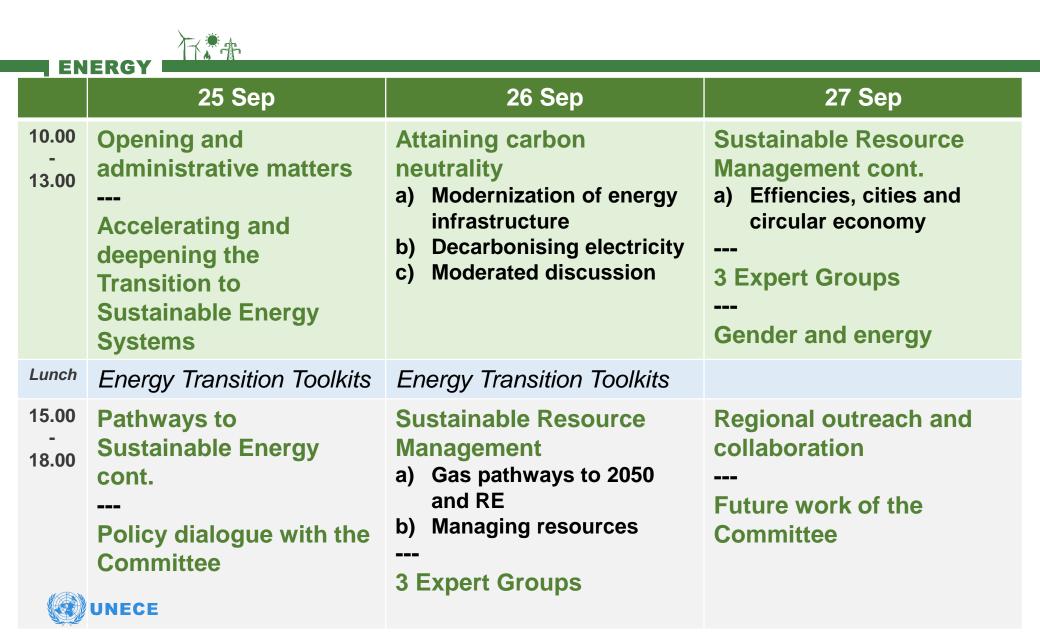
4. Attaining Carbon Neutrality in the ECE Region







Weekly overview reminder



4. Attaining Carbon Neutrality in the ECE Region

Relevant Documents

ECE/ENERGY/2019/2 – Attaining carbon-neutrality in the ECE region by 2050 – a discussion paper about the role of clean fossil fuels in sustainable energy

Agenda

Item 4



a) Modernizing of Energy Infrastructure and "just" Transition

ENERGY

Moderator: Raymond C. Pilcher, Chair, Group of Experts on Coal Mine Methane

- Jan Bondaruk, Central Mining Institute, Poland
- David Jermain, Boston University, United States
- Hans Rüdiger Lange, Innovationsregion Lausitz GmbH, Germany
- **Stefan Stückrad,** The Institute for Advanced Sustainability Studies (IASS) Potsdam, Germany





a) Modernizing of Energy Infrastructure and "just" Transition

ENERGY

Discussion themes:

- How can the energy infrastructure of Poland undergo restructuring without straining the social fabric of a society in which coal has played such an important role for so many decades?
- What have others learned from working on these issues in other regions?
- What roles can universities and UNECE expert groups have to play in this project?
- How can lessons learned from the pilot project be used to develop resilient business models that can be applied more broadly and at other locations?
- How can the pilot project be financed and what are the sources of funding for broader application?





Adoption of Conclusions and Recommendations

ENERGY

Document ECE/ENERGY/123

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	ee on Sustainable Energy		
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b) Decarbonising Electricity

ENERGY

Moderator: Raymond Pilcher, Chair, Group of Experts on Coal Mine Methane; Vice-Chair, Committee on Sustainable Energy

Lesley Sloss, Principal Environmental Consultant, IEA Clean Coal Centre

Marzia Zafar, Director Innovation and Issues Monitor, World Energy Council

Francisco Laveron, Head of Energy Prospective, Energy Policies and Climate Change, Iberdrola

Peter Taylor, Professor of Sustainable Energy Systems, University of Leeds, United Kingdom

Agenda Item 4 (b)



b) Decarbonising Electricity

ENERGY

Discussion themes:

- Energy infrastructure affordability enabler or decarbonisation constraint
- Coal in the energy mix: update and trends
- How can the electricity sector take the lead towards a carbon neutral future? How can the power sector be decarbonised?
- Financing coal projects trends the importance of financing clean coal projects
- Successful financing examples: what works and what does not and why?
- What role for the Committee and its subsidiary bodies?

Agenda Item 4 (b)



Adoption of Conclusions and Recommendations

ENERGY

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c) Fossil Fuels and Carbon Neutrality

ENERGY

- Moderator: Scott Foster, Director, Sustainable Energy Division
- Raymond Pilcher, Chair, Group of Experts on Coal Mine Methane
- Jan Bondaruk, Central Mining Institute, Poland
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- **Peter Taylor,** Professor of Sustainable Energy Systems, University of Leeds, United Kingdom



c) Fossil Fuels and Carbon Neutrality

ENERGY

Discussion themes:

- ECE/ENERGY/2019/2: Attaining carbon neutrality in the UNECE region by 2050 – a discussion paper about the role of fossil fuels in sustainable energy
- Challenges that need to be overcome to deliver the 2030 Agenda
- Towards a position paper of the UNECE on carbonneutrality/coal/fossil fuels (and/or other energy technologies, CCS, nuclear) in the energy mix
- Recommendation and mandates for funding proposals and partners
- What role for the Committee and its subsidiary bodies? The private sector? Others?



Adoption of Conclusions and Recommendations

ENERGY

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