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COMMISSION ECONOMIQUE
POUR L'EUROPEЕВРОПЕЙСКАЯ ЭКОНОМИЧЕСКАЯ
КОМИССИЯECONOMIC COMMISSION
FOR EUROPE

The twenty-fourth session of the Committee on Sustainable Energy

Pathways to Sustainable Energy

SESSION STRUCTURE TO THE ANNOTATED PROVISIONAL AGENDA

18-20 November 2015

Geneva, United Nations, Palais des Nations, Salle VII

The United Nations Economic Commission for Europe (UNECE) region will play an important role in attaining the international energy and climate objectives that are being agreed in 2015, notably the energy related Sustainable Development Goals. Divergent economic development, resource availability and energy mixes are being reflected in national energy strategies and thus set different priorities how to achieve the overarching goals. There is an important opportunity to explore the implications of such different sustainable energy strategies for the region, both from the perspective of reducing the environmental footprint of energy and from the perspective of assuring needed energy for sustainable development. Due to its diversity and its financial, technological, and economic strength, the region is well-placed to contribute constructively to the current dialogues about energy for sustainable development. Illustrating possible energy futures is the basis for informed decision making, yet countries have not yet found a common definition of sustainable energy nor agreed on a common pathway for achieving it.

Under this year's theme of **Pathways to Sustainable Energy**, the 24th session of the Committee on Sustainable Energy offers the possibility to member States to review progress of the implementation of the programme of work 2014-2015 before discussing and endorsing the future programme of work 2016-2017 and the strategic framework of the UNECE sub-programme on sustainable energy 2018-2019. The focus of the meeting will therefore be on the Committee and its six subsidiary bodies on energy efficiency, cleaner electricity production, coal mine methane, gas, renewable energy and resource classification and how the work has been contributing to solutions sought by member States in sustainable energy. Five groups of experts also need to prepare their work plans for 2016-2017.

An international **high-level panel** on 19 November 2015 will provide an occasion to explore what sustainable energy means for the UNECE region. Selected panellists will present national energy policies to inform the subsequent dialogue. Participants will consider the challenges and opportunities of the accelerating transition of energy systems and the national pledges that are being made in the context of the sustainable development and climate agendas. Reference will be made to the outcomes of the Sixth International Forum on Energy for Sustainable Development,

held in Yerevan, Armenia, from 29 September to 2 October 2015 and to the World Bank's *Global Tracking Framework*.

Preceding the Committee session and in cooperation with the neighbouring Geneva Graduate Institute, the third edition of the **Geneva Energy Conversations**, will take place on 17 November 2015 on the Role of Fossil Fuels in Sustainable Energy Systems.

PROVISIONAL TIMETABLE

**Wednesday,
18 November
2015**

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| 10.00-11.15 | Opening and Introduction <ol style="list-style-type: none"> 1. Opening and adoption of the agenda. 2. Election of officers. 3. Adoption of the revised draft report of the twenty-third session of the Committee on Sustainable Energy. |
| 11.15-13.00 | A. Reports of subsidiary bodies <ol style="list-style-type: none"> 4. Group of Experts on Gas. |
| 13.00-15.00 | Lunch break |
| 15.00-18.00 | A. Reports of subsidiary bodies (continued) <ol style="list-style-type: none"> 5. Expert Group on Resource Classification. 6. Group of Experts on Cleaner Electricity Production from Fossil Fuels. 7. Group of Experts on Coal Mine Methane. |

**Thursday,
19 November
2015**

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|-------------|--|
| 10.00-13.00 | A. Reports of subsidiary bodies (continued) <ol style="list-style-type: none"> 8. Group of Experts on Renewable Energy. 9. Group of Experts on Energy Efficiency. |
| 13.00-15.00 | Lunch break / Speakers Lunch |
| 15.00-18.00 | B. High-level segment <ol style="list-style-type: none"> 10. Panel discussion: Pathways to sustainable energy in the ECE region. 11. International Forum on Energy for Sustainable Development. |
| 18.00-20.00 | Reception |

**Friday,
20 November
2015**

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|-------------|--|
| 10.00-12.00 | C. Future work of the Committee on Sustainable Energy <ol style="list-style-type: none"> 12. Programme of Work for 2016–2017 and Draft Strategic Framework 2018–2019 of the ECE Subprogramme on Sustainable Energy. 13. Regional advisory services. 14. Cooperation with international organizations. 15. Any other business. |
| 12.00-13.00 | 16. Adoption of the report and close of the meeting. |

SESSION STRUCTURE TO THE ANNOTATED PROVISIONAL AGENDA

Wednesday, 18 November 2015: MORNING

TIME	SUBJECT	SPEAKER
10.00-11.15	OPENING AND INTRODUCTION	
10.00-10.20	<p>Opening of the meeting</p> <p>Item 1: Adoption of Agenda Conclusions and Recommendations <u>Documents:</u></p> <ul style="list-style-type: none"> • Annotated Provisional Agenda (ECE/ENERGY/98) • Overview of the week (CSE-24/2015/INF.3) • List of documents (CSE-24/2015/INF.2) • Timeline for the 24th session (CSE-24/2015/INF.4) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) • Draft report of the 24th session (ECE/ENERGY/99) <p><i>The Chair opens the session and takes reference to the third Geneva Energy Conversation event from the previous evening, this time about fossil fuels in the energy system.</i> <i>The provisional agenda, which was approved by the Committee Bureau at its meeting on 3 September 2015, is presented to the Committee for adoption. It is based on decisions taken by the Committee at the twenty-third session and on discussions with the Bureau throughout the year. This year, the agenda has the theme Pathways to Sustainable Energy, based on the interactive discussions at the high-level session in November last year.</i></p>	<p>Mr. Jürgen Keinhorst, Acting Chair Mr. Scott Foster, Director, Sustainable Energy Division</p>
10.20-10.45	<p>Item 2: Election of Officers</p> <ul style="list-style-type: none"> • Conclusions and Recommendations <p><u>Documents:</u></p> <ul style="list-style-type: none"> • List of Bureau Nominees (CSE-24/2015/INF.6) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <p><i>The secretary presents the nominations for the Bureau members. The new Bureau will be elected for the 25th and 26th session.</i></p>	<p>Mrs. Stefanie Held, section chief, secretariat</p>
10.45-11.15	<p>Item 3: Adoption of the revised draft report of the twenty-third session of the Committee on Sustainable Energy.</p> <ul style="list-style-type: none"> ➤ Conclusions and Recommendations <p><u>Documents:</u></p> <ul style="list-style-type: none"> • Revised draft report of the 23rd session (ECE/ENERGY/2015/L.1/rev.1, <u>former ECE/ENERGY/96</u>) • Conclusions and Recommendations for the 24th session (CSE- 	<p>Mr. Jürgen Keinhorst, Chair</p>

TIME	SUBJECT	SPEAKER
	24/2015/INF.1)	
	<p><i>The Chair presents the report of the 23rd session to the Committee for adoption .The presented version contains all the conclusions and recommendations as agreed during the 23rd session. It was circulated to member States for reaction and input on 12 February 2015 for comments until 16 March 2015 which were then incorporated.</i></p>	
11.15-13.00	A. REPORTS OF SUBSIDIARY BODIES	
11.15-11.20	Introduction to the segment	Mr. Jürgen Keinhorst, Chair
11.20-11.30	Summary report on concrete and action oriented activities of the Committee on Sustainable Energy <u>Documents:</u> <ul style="list-style-type: none"> Decision on matters relating to the Committee on Sustainable Energy (ECE/EX/7) Report of the twenty-second session of the Committee on Sustainable Energy (ECE/ENERGY/91) Summary report on concrete and action oriented activities undertaken and results achieved by the ECE in sustainable energy (ECE/ENERGY/2015/4) Overview of the sustainable energy subprogramme (CSE-24/2015/INF.12) Sustainable energy booklet (CSE-24/2015/INF.13) Reports from all subsidiary bodies as per list of documents <p><i>The Chair refers to the open-ended consultations held in May 2015 which provided an excellent overview of the achievements of the biennium 2014-2015. He further refers to the following agenda sections regarding the six subsidiary bodies and their achievements and plans for 2016-2017, so that the Committee can approve the presented work plans and mandates. The Committee programme of work 2016-2017 will be (re-) discussed on Friday.</i></p> <p><i>The Director presents briefly the highlights of achievements for 2014 and 2015, and thanks the chairs of the subsidiary bodies for their hard work and dedication.</i></p>	Mr. Scott Foster, Director
11.30-13.00	Item 4: Group of Experts on Gas	
11.30-11.55	Implementing the work plan 2014-2015, and work plan 2016-2017 ➤ Conclusions and Recommendations <u>Documents:</u> <ul style="list-style-type: none"> Report of the First Session of the Group of Experts on Gas, including the recommended work plan of the Group of Experts on Gas for 2014–2015 (ECE/ENERGY/GE.8/2014/2) 	Mr. Francisco de la Flor Garcia, Chair of Group

TIME	SUBJECT	SPEAKER
	<ul style="list-style-type: none"> • Report of the Second Session of the Group of Experts on Gas (ECE/ENERGY/GE.8/2015/2) • Methane management in extractive industries (ECE/ENERGY/2015/1) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <p><i>The Chair of the Group of Experts reports on Bureau work and the main developments from the second session of the Group of Experts on Gas. The Committee is invited to approve the Work Plan of the Group of Experts and to recommend endorsement to the Executive Committee of ECE (EXCOM), in particular request to endorse the extension of the Work Plan of the Group of Experts on Gas for 2014-2015 until the end of 2016.</i></p>	
11.55-12.55	<p><u>Coal versus Gas in Global Sustainable Energy Systems:</u></p> <p><i>Presentation</i></p> <ul style="list-style-type: none"> ➤ Bottom-up Approaches for Life Cycle GHG Emissions Estimates <p><i>Panel discussion, Q&A</i></p> <ul style="list-style-type: none"> ➤ Does it make sense to replace coal with gas in all situations? ➤ A number of energy companies are divesting their coal investments – is this a positive strategy for the development of a sustainable energy system? ➤ Gas is the cleanest fossil fuel – but it is still a fossil fuel – what is the outlook for it post 2050? <p><i>The Chair of the Group of Experts on Gas leads the discussion: There is currently a significant debate on the role of coal versus gas in the global energy system. Within the electricity system, gas is often touted as the “cleanest fossil fuel” with GHG emissions from generation approximately 1/2 those of from electricity produced by coal. But this fact alone ignores several key aspects, such as industrial uses for coal, indigenous availability of resources by some countries as well as methane leakage throughout the gas value chain. Additionally, both fossil fuels will require Carbon Capture and Storage to enable use while consistent with long term climate goals. The panels will discuss the important role of both energy sources in reaching sustainable development goals.</i></p>	<p>Mr. Francisco de la Flor Garcia, Chair of the Group of Experts on Gas</p> <p>Ms. Anna Korre, Professor of Environment Engineering, Imperial college London</p> <p>Mr. Barry Worthington, Chair Group of Experts on Cleaner Electricity Production from Fossil Fuels</p> <p>Mr. David Elzinga, Secretary</p>
12.55-13.00	Housekeeping	<p>Mr. Jürgen Keinhorst, Chair CSE</p> <p>Mrs. Stefanie Held, Secretary CSE</p>
13.00-15.00	Lunch in the cafeteria	

Wednesday, 18 November 2015: AFTERNOON

TIME	SUBJECT	SPEAKER
15.00-18.00	A. REPORTS OF SUBSIDIARY BODIES (continued)	
15.00-15.01	Opening of the afternoon session <i>The Chair opens meeting and welcomes Mr David McDonald, Chair of the Group of Experts on Resource Classification, who is joining via audio conference similar to the Open-ended consultations.</i>	Mr. Jürgen Keinhorst , Chair CSE
15.01-15.30	Item 5: Expert Group on Resource Classification	
15.01-15.29	Implementing the work plan 2013-2015, and work plan 2016-2017 ➤ Conclusions and Recommendations <u>Documents:</u> <ul style="list-style-type: none"> Report of the Sixth Session of the Expert Group on Resource Classification, including the recommended work plan of the Expert Group on Resource Classification for 2016-2017 (ECE/ENERGY/GE.3/2015/2) Guidelines for Application of UNFC-2009 for Uranium and Thorium Resources (ECE/ENERGY/2015/7) Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <i>The Chair of the Group of Experts reports on Bureau work and the main developments from the sixth session of the Group of Experts on Resource Classification. The Committee will further be asked to endorse the Guidelines for Application of UNFC-2009 for Uranium and Thorium Resources (ECE/ENERGY/2015/7).</i>	Mr. David MacDonald , Chair of Group Mrs. Charlotte Griffiths , Section Chief, Group Secretary, UNECE-SED
15.29-15.30	Introduction of the next segment	Mr. Jürgen Keinhorst , Chair
15.30-16.45	Item 6: Group of Experts on Cleaner Electricity Production from Fossil Fuels	
15.30-16.10	Status Update on Carbon Capture and Storage <i>Presentation, Q&A</i> <i>The Chair of the Group of Experts will introduce the session and guide it. Reference will be made to the CCS statement to UNFCCC, COP21 and the Carbon Sequestration Leadership Forum.</i>	Ms. Silvia Vaghi , Global Carbon Capture and Storage Institute - GCCSI Mr. David Elzinga , secretary
16.10-16.34	Implementing the work plan 2014-2015, and work plan 2016-2017	Mr. Barry Worthington ,

	<p>➤ Conclusions and Recommendations</p> <p><u>Documents:</u></p> <ul style="list-style-type: none"> • Report of the Eleventh Session of the Group of Experts on Cleaner Electricity Production from Fossil Fuels, including the mandate and recommended work plan of the Group of Experts on Cleaner Electricity Production from Fossil Fuels for 2016–2017 (ECE/ENERGY/GE.5/2015/2) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <p><i>The Chair of the Group of Experts reports on Bureau work and the main developments from the 11th session of the Group of Experts on Cleaner Electricity Production on Fossil Fuels.</i></p>	<p>Chair Group of Experts on Cleaner Electricity Production from Fossil Fuels</p> <p>Mr. David Elzinga, secretary</p>
<p>16.34-16.35</p>	<p>Introduction of the next segment</p>	<p>Mr. Jürgen Keinhorst, Chair CSE</p>
<p>16.35-18.00</p>	<p>Item 7: Group of Experts on Coal Mine Methane</p>	
<p>16.35-17.35</p>	<p>Methane management as a means to enhance economic growth and reduce greenhouse gas emissions</p> <p><i>Presentation:</i></p> <p>Methane Management in Extractive Industries (by the Secretariat)</p>	<p>Mr. Ray Pilcher, Chair of the Group of Experts</p> <p>Mr. Scott Foster, Director</p>
	<p><i>Panel discussion, Q&A</i></p> <ul style="list-style-type: none"> ➤ Role of different organisations in methane management ➤ Methane management in transmission and distribution of natural gas ➤ Methane management in upstream oil and gas operations ➤ Enabling role of coal mine methane projects in restructuring coal mining industry through adopting new business models <p><i>The Chair of the Group of Experts will introduce the session and guides it: Methane is a powerful greenhouse gas with a 100-year global warming potential of more than 30 times that of CO₂. About 60% of global methane emissions are due to human activities. The main sources of anthropogenic methane emissions are the oil and gas industries, agriculture (including fermentation, manure management, and rice cultivation), landfills, wastewater treatment, and emissions from coal mines. Fossil fuel production, distribution and use are estimated to emit 110 million tonnes of methane annually. Unfortunately, the information that is available regarding methane is relatively sporadic and often based on estimates/guesses. There is neither a common technological</i></p>	<p>Mr. Ray Pilcher, Chair of Group</p> <p>Mr. Scott Bartos, International Program Manager, EPA</p> <p>Mr. Daniel Hec, Secretary General, Marco Gaz</p> <p>Mr. Torleif Haugland, Managing Director, Carbon Limits</p> <p>Mr. Scott Foster, Director</p>

approach to monitoring and recording methane emissions, nor a standard method to reporting them, which means that the extent of the challenge and opportunity remains undefined. There is also a need with respect to each of the fossil fuel extraction industries for a discussion of the best remediation approaches and technologies.

The panellists will highlight the concerns in respective sectors while discussing the role they are playing in addressing these concerns across various sectors of the energy system.

Scott Foster from the Sustainable Energy Division will moderate the panel, and at this occasion highlight findings from a report about methane management in extractive industries and further on participate in the panel.

17.35-17.59 **Implementing the work plan 2014-2015, and work plan 2016-2017** **Mr. Ray Pilcher,**
Chair of Group

➤ Conclusions and Recommendations

Documents:

- Report of the 10th Session of the Group of Experts on Coal Mine Methane, including the mandate and recommended work plan of the Group of Experts on Coal Mine Methane for 2016–2017 (ECE/ENERGY/GE.4/2015/2)
- Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1)

The Chair of the Group of Experts reports on Bureau work and the main developments from the tenth session of the Group of Experts on Coal Mine Methane, including the MOU with Poland. Further points include the establishment of a task force under the Committee on Sustainable Energy with representatives of the Groups of Expert on Gas and Coal Mine Methane and other stakeholders to undertake further work (extra-budgetary resources); and the expansion of the current 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 energy for sustainable development.

17.59-18.00 **Housekeeping / Closing for the day** **Mr. Jürgen Keinhorst,** Chair
Mrs. Stefanie Held, secretary

The Chair closes the meeting, and informs that the task force for gas leakages has been invited to meet from 18.00-19.00. Details from David Elzinga.

The Secretariat requests to fill in the questionnaire.

18.00 **End of session for day 1**

Thursday, 19 November 2015: MORNING

TIME	SUBJECT	SPEAKER
10.00-13.00	A. REPORTS OF SUBSIDIARY BODIES (continued)	
10.00-10.05	Opening and summary of the previous day <i>The Chair opens the day and presents the highlights from the previous day. He further welcomes participants and special guests for the high-level segment in the afternoon.</i>	Mr. Jürgen Keinhorst , Chair
10.05-11.30	Item 8: Group of Experts on Renewable Energy	
10.05-11.05	Panel Discussions: <ul style="list-style-type: none"> • Key messages and progress on UNECE RE Status Report. Outreach in capitals. <ul style="list-style-type: none"> ➤ What are future prospects of renewable energy in UNECE countries? ➤ Why renewable energy investments are declining in the region? ➤ How can a competitive market for renewable energy be improved? • Activities to promote the exchange of renewable energy information, best practices, lessons learned and solutions <i>The Chair of the Group of Experts will introduce the session and guide it. Main points include the recently finalised report on the RE status in 17 countries in the region with a particular focus on outreach and expansion of the project.</i>	Mr. Ulrich Benterbusch , Chair of Group Mr. Gianluca Sambucini , secretary Mr. Martin Hullin , Renewable Energy Policy Network for the 21 st Century – REN21 Mr. Oliver Frank , Head Renewable Energy, German Energy Agency DENA Mr. Nazir Ramazanov , Vice-Chair of Group
11.05-11.29	Implementing the work plan 2014-2015, and work plan 2016-2017 <ul style="list-style-type: none"> ➤ Conclusions and Recommendations <u>Documents:</u> <ul style="list-style-type: none"> • Report of the Group of Experts on Renewable Energy on its second session, including the mandate and recommended work plan of the Group of Experts on Renewable Energy for 2016–2017 (ECE/ENERGY/GE.7/2015/2) • Key Messages and Progress on the ECE Renewable Energy Status Report (ECE/ENERGY/2015/8) • UNECE Renewable Energy Status Report 2015, Joint REN21/UNECE Publication • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) 	Mr. Ulrich Benterbusch , Chair of Group Mr. Gianluca Sambucini , secretary

<i>The Chair of the Group of Experts reports on Bureau work and the main developments since the beginning of the Group of Experts two years ago. Main points include the question on how to expand the current Renewable Energy Status Report for the UNECE Region to cover all ECE member States and how to present the findings in capitals.</i>		
11.29-11.30	Introduction of the next segment	Mr. Jürgen Keinhorst , Chair CSE
11.30-13.00	Item 9: Group of Experts on Energy Efficiency	
11.30-12.20	Best practices for energy efficiency. Successful national initiatives <ul style="list-style-type: none"> ➤ How can energy efficiency be accelerated in your country? ➤ How UNECE can help? How Best Policy Practices publication can be used as a basis for exchange of know-how and best practices on energy efficiency? <p><i>The Chair of the Group of Experts will introduce the session and guide it. The panel will share experiences and opinions on how to accelerate the uptake of energy efficiency, and which role UNECE can play to support countries. Best practices and successful national initiatives will be presented based on a recently published report by the Group of Experts.</i></p>	Mr. Tim Farrell , Chair of Group Hayk Harutyunyan , Deputy Minister, Ministry of Energy and Natural Resources, Armenia Mr. Ljubomir Mišćević , Professor, Faculty of Architecture, Zagreb University, Croatia Mr. Aleksandar Dukovski , Director, Energy Agency of the former Yugoslav Republic of Macedonia (by audio conference) Ms. Victoria Healey , Manager, Clean Energy Solutions Center (by audio conference)
12.20-12.40	Implementing the work plan 2014-2015, and work plan 2016-2017 <ul style="list-style-type: none"> ➤ Conclusions and Recommendations <u>Documents:</u> <ul style="list-style-type: none"> • Report of the second session of the Group of Experts on Energy Efficiency, including the mandate and recommended work plan of the Group of Experts on Energy Efficiency for 2016–2017 (ECE/ENERGY/GE.6/2015/2) • Analysis of National Case Studies on Policy Reforms to Promote Energy Efficiency Investments, Publication 44 UNECE Energy Series (ECE/ENERGY/97) 	Mr. Tim Farrell , Chair of Group Mr. Oleg Dziubinski , secretary

	<ul style="list-style-type: none"> • Best Policy Practices for Promoting Energy Efficiency. A Structured Framework of Best Practices in Policies to Promote Energy Efficiency for Climate Change Mitigation and Sustainable Development. Publication 43 UNECE Energy Series (ECE/ENERGY/100) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <p><i>The Chair of the Group of Experts reports on Bureau work and the main developments since the beginning of the Group of Experts two years ago. Main points include the Publication “Best Policy Practices for Promoting Energy Efficiency” (ECE/ENERGY/100), and the request to move work related to smart grids and other advanced transmission and distribution technologies as cross-sectoral activity reporting directly to the Committee on Sustainable Energy.</i></p>	
12.40-12.59	<p>Establishment of a Joint Task Force on Energy Efficiency Standards in Buildings</p> <ul style="list-style-type: none"> ➤ Conclusions and Recommendations <p><u>Documents:</u></p> <ul style="list-style-type: none"> • Project Overview: Standards in Energy Efficiency in Buildings / TOR (CSE-24/2015/INF.14) • Outcomes of the Survey on Building Standards and Building Regulations in the UNECE Region (CSE-24/2015/INF.15) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <p><i>The Chair of the Group of Experts leads the discussion based on slides and report back from Group of Experts meeting. A main point includes the joint survey with the UNECE Committee on Housing and Land Management on work on energy efficiency standards in buildings. The Committee will be asked to endorse the establishment of the <u>Joint Task Force on Energy Efficiency Standards in Buildings</u> with the Committee on Housing and Land Management with participation of the experts from the Working Party on Regulatory Cooperation and Standardization Policies, other ECE bodies and international partner organization (extrabudgetary project).</i></p>	<p>Mr. Tim Farrell, Chair of Group, Mrs. Stefanie Held, secretary CSE</p>
12.59-13.00	<p>Housekeeping</p>	<p>Mr. Jürgen Keinhorst, Chair CSE Mrs. Stefanie Held, secretary CSE</p>
13.00-15.00	<p>Lunch / Speakers Lunch on invitation of the German Permanent Mission</p>	

Thursday, 19 November 2015: AFTERNOON

TIME	SUBJECT	SPEAKER
15.00-18.00	B. HIGH LEVEL SEGMENT: PANEL DISCUSSIONS	
15.00-15.15	Introduction to the segment <u>Documents:</u> <ul style="list-style-type: none"> • White Paper: Pathways to Sustainable Energy (CSE-24/2015/INF.7) • Statement of Common Action to initiate implementation of the provisions of the Hammamet Declaration (CSE-24/2015/INF.9) • Project Proposal: Pathways to Sustainable Energy (CSE-24/2015/INF.8) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <p><i>The Chair opens the segment, welcomes participants and special guests/speakers to the high-level segment of the 24th session. The Director provides a short statement and introduces Mr Jason Channell, Director and Global Head of Alternative Energy and Cleantech Research Team at Citigroup Inc, Research Division. He joined the firm in 2011 and focuses on the alternative energy and cleantech fundamental research in the United Kingdom. His research has spanned the energy spectrum of utilities, oil and gas, and alternative energy. Mr. Channell has been highly ranked in the Institutional Investor, Extel, and Starmine external surveys. He has had interaction with regulators and policymakers, along with members of the United States Senate Energy and Finance committees, and to United Nations think-tanks.</i></p>	Mr. Jürgen Keinhorst , Chair CSE Mr. Scott Foster , Director, UNECE-SED Moderator: Mr. Jason Channell , Managing Director, Citi Research
15.10-17.00	Item 10: Pathways to Sustainable Energy	
15.10-15.30	Energy Darwinism <i>Presentation, followed by panel dialogue.</i>	Mr. Jason Channell , Managing Director, Citi Research
15.30-16.30	Pathways to Sustainable Energy <ul style="list-style-type: none"> ➤ <i>How have countries / organisations defined sustainable energy?</i> ➤ <i>How are countries integrating international developments in national energy policies?</i> ➤ <i>How will countries implement their pledges on sustainable development, including the Sustainable Development Goals and the climate agenda of the United Nations Framework Convention on Climate Change (UNFCCC)?</i> 	Mr. Ulrich Benterbusch , Deputy Assistant Under-Secretary, German Federal Ministry for Economic Affairs and Energy Mr. Ihor Didenko , Vice Minister of Energy and Coal

- *Can we design a pathway to a sustainable energy system whereby a successful regional outcome is a composite of national choices?*

Moderated discussion to enhance informed decision making for the project on Pathways to Sustainable Energy.

Industry of Ukraine
Mr. Asset Magauov,
 General Director,
 KazEnergy
Mrs. Martine Provost,
 Executive Director
 Global, Sustainable
 Electricity
 Partnership
Mr. Talyat Aliev,
 Deputy Director
 Department for
 International
 Cooperation, Ministry
 of Energy of the
 Russian Federation
**Mr. Barry
 Worthington**,
 Executive Director,
 United States Energy
 Association

16.30- 16.45 Coffee Break

16.45- 17.45 Item 11: Implementation and indicators for success

- *Are we ambitious enough?*
- *Which are the proper indicators for progress?*
- *How can we track implementation?*
- *What role could UNECE play in supporting countries?*

Moderated discussion to enhance informed decision making for the next Forum on Energy for Sustainable Development. Reference will be made to the outcomes of the Sixth International Forum on Energy for Sustainable Development, held in Yerevan, Armenia, from 29 September to 2 October 2015 and to the World Bank's Global Tracking Framework.

Mr. Jason Channell
 (Moderator)
Mr. Tim Farrell,
 Senior Advisor,
 Copenhagen Centre
 on Energy Efficiency
 / Chair, Group of
 Experts on Energy
 Efficiency
**Mr. Hayk
 Harutyunyan**,
 Deputy Minister of
 Energy and Natural
 Resources of the
 Republic of Armenia
**Mr. Suleymanmyrat
 Guladov**, Director,
 State Agency for
 Management and Use
 of Hydrocarbon
 Resources under the
 President of
 Turkmenistan
Mr. Asset Magauov,

		General Director, KazEnergy Mr. Raymond Pilcher , President, Raven Ridge Resources
17.45- 17.55	Summary and Closure of the high-level panel <i>Final remarks from the keynote speakers and the moderator.</i>	Moderator and panellists
17.55- 18.00	Housekeeping /Closing of the session for day 2 <i>The Chair emphasises the importance to support the mandates of the Committee on Friday, and announces Chair of last segment for the 24th session – Mr. Füeg, Vice-Chair.</i>	Mr. Jürgen Keinhorst , Chair Mrs. Stefanie Held , secretary
18.00- 20.00	Official Committee reception <i>8th floor restaurant. All participants are invited.</i>	

Friday, 20 November 2015: MORNING

TIME	SUBJECT	SPEAKER
10.00-13.00	C. FUTURE WORK OF THE COMMITTEE	
10.00-10.10	Opening and summary of the previous day <i>The Chair opens the last segment of the 24th session, welcomes participants, and provides a short summary from the previous day.</i>	Mr. Jean-Christophe Füeg , Vice-Chair CSE
10.10-12.00	C. Future Work of the Committee on Sustainable Energy	
10.10-11.10	Item 12: Programme of work for 2016-2017, Strategic Framework Extra-budgetary activities: <ul style="list-style-type: none"> ➤ Project Proposal: Pathways to Sustainable Energy; 7th Internat. Forum on Energy for Sustainable Development; Energy Ministerial ➤ Review of past activities United National Development Account (UNDA) Projects Documents: <ul style="list-style-type: none"> • White Paper: Pathways to Sustainable Energy (CSE-24/2015/INF.7) • Project Proposal: Pathways to Sustainable Energy (CSE-24/2015/INF.8) • Statement of Common Action to initiate implementation of the provisions of the Hammamet Declaration (CSE-24/2015/INF.9) • Overview Extra-budgetary Projects (CSE-24/2015/INF.10) • Overview United Nations Development Account Projects (CSE-24/2015/INF.11) • Overview of the sustainable energy subprogramme (CSE-24/2015/INF.12) • Sustainable energy booklet (CSE-24/2015/INF.13) • Conclusions and Recommendations for the 24th session (CSE-24/2015/INF.1) <i>The Chair begins with the introduction of the next 3 hours and hands over to the Director.</i> <i>The Director introduces the project proposal “<u>Pathways to Sustainable Energy</u>”:</i> <i>(see Project Proposal: Pathways to Sustainable Energy (CSE-</i>	Mr. Jean-Christophe Füeg , Vice-Chair Mr. Scott Foster , Director
		Mr. Scott Foster , Director

24/2015/INF.8)

The Director takes reference to the high-level segment from the previous day and refers to the proposal (CSE-24/2015/INF.7 and 8), initiated by the Russian Federation in the 23rd session. The proposal was discussed during the year with the Bureau, two workshops were held in May and September 2015, to which countries had been invited to gain clarity on the best approach and experts views. The proposal in document INF.8 is the result:

- *This project aims to strengthen the capacity of UNECE member States to achieve sustainable development goals. The project will*
 - a) *facilitate a high-level policy dialogue to support stakeholders in energy in the UNECE region and*
 - b) *develop both an instrument for transparent, model-based analysis of pathways to sustainable energy and a system to provide early warning if achievement of the objectives is not on track.*
- *Activities comprise the following: 1) Two high-level dialogues at the twenty-fourth and twenty-fifth sessions of the CSE; 2) Ministerial meeting on attainment of sustainable development goals in the UNECE region in Q3 2017; 3) modelling exercises on alternative energy futures; 4) Preparation of a summary report; 5) An interactive workshop with modelling groups, experts, and interested member States; 6) A workshop on recommendations on how the UNECE region can achieve the objectives; and 7) Development of a network of experts.*

After presenting the project, the Director opens the floor for questions and additions. Objectives are in the conclusions and recommendations which will be put on screen.

The Director introduces the next point: International Forum on Energy for Sustainable Energy

Mr. Scott Foster,
Director

He makes reference to the high level presentations the previous day, the outcomes from the Forum in Yerevan, and the offer by Kazakhstan to host the International Forum on Energy for Sustainable Development in 2017. The Committee is requested to endorse the “Statement of Common Action” resulting from the event and recommend steps for its implementation. Conclusions and recommendations which will be put on screen for endorsement.

The Director introduces other Extra-budgetary projects – this involves discussing the future of the ECE Gas Centre (CSE-24/2015/INF.10).

Mr. Scott Foster,
Director

The Director will present information about ongoing and planned activities under the United National Development Account. (see CSE-24/2015/INF.11)

Mr. Scott Foster,
Director

**11.10- Item 12: Programme of Work for 2016-2017 and Draft
11.30 Strategic Framework 2018-2019 of the ECE Subprogramme
for Sustainable Development**

**Mr. Jean-Christophe
Füeg, Vice-Chair**

- Conclusions and Recommendations

Documents:

- Draft Programme of Work for 2016-2017 on the ECE SE Subprogramme (ECE/ENERGY/2015/2)
- Draft Strategic Framework 2018-2019 of the ECE SE Subprogramme (ECE/ENERGY/2015/9)
- Draft Publication Plan for 2016-2017 (ECE/ENERGY/2015/3)
- Provisional Calendar of Meetings for 2016 (ECE/ENERGY/2015/6)

The Chair refers to the fact that the work plans and mandates for the six subsidiary bodies have already been approved by the Committee (either in the 23rd or 24th sessions).

The Director informs the Committee that the secretariat has received during 2015 a new format for submitting draft programme of work – this is reflected here – and is the reason why the provisional calendar of meetings and draft publication plans are included in the document. Meeting dates and publications will be discussed, in particular the date for the next Open-ended consultation in Q2 2016, and the date of the 25th session of the Committee which has been scheduled for 28-30 September 2015. The Committee is asked to endorse the conclusions and recommendations related to the programme of work with one change to be announced (16 meetings for the Expert Group on Resource Classification, A-i).

Mr. Scott Foster,
Director

The Director refers to the Strategic Framework 2018–2019 which is the principal policy directive for the subprogramme on Sustainable Energy. The draft Strategic Framework 2018–2019 is based on the Strategic Framework 2016–2017. It was worked out by the ECE Secretariat and endorsed by the Bureau on 3 September 2015 in Geneva. The draft Strategic Framework 2018–2019 will be further considered by the Committee on Sustainable Energy and, subsequently, the ECE Executive Committee. The final draft will be submitted to the United Nations General Assembly for adoption at its seventy-first

11.30- 11.40	<p><i>session, as a component part of the ECE Strategic Framework for the biennium 2018–2019.</i></p> <p><i>The Committee is asked to endorse the conclusions and recommendations related to the programme of work with the proposed changes to be put on screen.</i></p> <p>Item 13: Regional Advisory Services</p> <p>➤ Conclusions and Recommendations</p>	Mr. Scott Foster, Director
11.40- 11.50	<p><i>The Director reports briefly on activities, and refers to conclusions and recommendations for next year's report.</i></p> <p>Item 14: Cooperation with International Organisations</p> <p>➤ Conclusions and Recommendations</p> <p><u>Documents:</u></p> <ul style="list-style-type: none"> • Cooperation and coordination with other intergovernmental and non-governmental organizations (ECE/ENERGY/2015/5) <p><i>The Director refers to the document and opens the floor for reactions.</i></p>	Mr. Scott Foster, Director
11.50- 12.00	<p>Item 15: Any other business</p> <p>➤ Conclusions and Recommendations</p> <p><i>Due to the low participation by capitals in the work of the sustainable subprogramme, the Chair invites feedback from member States about their observations on process and content of the subprogramme's sessions/events.</i></p> <p><i>In order to achieve a more targeted outreach and information flow in preparation for the Committee's twenty-fifth session in 2016, the Chair will invite to a discussion about the appointment of country-specific focal points for the Committee, and hosting of outreach events by member States.</i></p> <p><i>The Chair invites participants to raise any other points.</i></p>	Mr. Jean-Christophe Füg, Vice-Chair Mrs. Stefanie Held, secretary
12.00- 13.00	Item 16: Adoption of the report and close of the meeting	
12.00- 12.50	<p>Adoption of the report</p> <p><u>Documents:</u></p> <ul style="list-style-type: none"> • Draft report of the twenty-fourth CSE session (ECE/ENERGY/99) • Draft Conclusions and Recommendations for the twenty-fourth CSE Session (CSE-24/2015/INF.1) <p><i>The Chair summarizes the main decisions taken and points discussed: The Chair reads out the remaining parts of the report.</i></p> <p><i>The report of the 24th session will be adopted by the Committee.</i></p>	Mr. Jean-Christophe Füg, Vice-Chair Mrs. Stefanie Held, secretary
12.50- 13.00	Final remarks and closing	Mr. Jean-Christophe Füg, Vice-Chair

	<i>The Chair thanks participants, the outgoing and incoming Bureau, and closes the meeting.</i>	Mr. Scott Foster, Director
13.00	End of Session	