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***Informal open-ended consultation of***

***the Committee on Sustainable Energy:***

***Pathways to Sustainable Energy and***

***implications for UNECE work on sustainable energy***

**Geneva, Palais des Nations, Salle VIII, 16 May 2019, 10.00-17.30**

*Two workshops on* ***Pathways to Sustainable Energy*** *precede the meeting:*

*Stakeholder consultation and regional considerations*

***14-15 May 2019, S4, Palais des Nations, 10.00-18.00***

Energy plays a vital role as an enabler for improving quality of life and underpins other sectors such as climate, water, health, and infrastructure. The complexity of the energy equation is one of the reasons that the Committee on Sustainable Energy (the Committee) decided that the challenges of the 2030 Agenda for Sustainable Development (2030 Agenda) are best met through the integrative nexus activities that “energy for sustainable development” offers.

UNECE is now exploring alternative pathways countries might consider for achieving their national targets while contributing to global and regional objectives. To this end, the flagship project “Pathways to Sustainable Energy” is an important vehicle for understanding the gaps that exist in meeting the energy-related objectives of the 2030 Agenda and the opportunities available to close the gaps. It will also allow countries to understand and appreciate the choices that other countries have. The expectation is that improved understanding may set the stage for strengthened commitments and pursuit of real action.

The 27th session was organised to set in motion a consultation with the Committee to sharpen the structure of the Committee’s work in response to shifting needs and to explore potential partnerships for enhanced capacity building and sharing of experiences. There will be a segment dedicated to a focus on Eastern Europe, the Caucasus, Central Asia and other interested subregions. The Committee will be invited to rethink its procedures, structures, and activities to deliver more compelling outcomes. These reflections will be informed by the results of this informal, open-ended consultation process and must align with the ongoing United Nations reform process.

The Committee is well placed to develop strategic responses to achieve a low-carbon world based on strong international cooperation and a scaling up of countries’ combined ambition beyond current pledges. The Committee sees itself as a platform that drives towards action at a national and community levels. It seeks ways to reinforce this role in the future. The starting point will be the high-level policy dialogue planned for the 28th session about how the countries of the UNECE region can make commensurate efforts to attain energy for sustainable development.

The meeting will feature inputs from the six subsidiary bodies of the Committee. The results from the preceding workshop on “Pathways to Sustainable Energy” will inform the discussions and is offered to those experts interested in knowing more about models and approach. The workshop targets some twenty international energy experts with a focus on the subregional context and capacity building.

Please register for better planning.

***Tuesday, 14 May 2019***



**Sustainable Energy Scenarios, Key Messages and Policy Recommendations**

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| TIME | SUBJECT | SPEAKER / MODERATOR |
| 10.00-10.30 | **OPENING & INTRODUCTION** | Moderation:  |
|  | Presentation: **Status and Challenges to Achieve Sustainable Energy in the UNECE Region** | UNECE |
| 10.30-13.00 | **KEY MESSAGES** |  |
|  | Presentation: **Results for Policy and Technology Scenarios: MESSAGE** | H.-Holger Rogner,IIASA |
|  | Presentation: **Results for Policy and Technology Scenarios: GCAM** |  |
|  | Q&A on models results and assumptions | AllModerated by UNECE |
| *13.00-13.30* | ***Lunch*** |  |
| 13.30-15.00 | **OPTIONS TO ACHIEVE SUSTAINABLE ENERGY** |  |
| 13.30 | Presentation: **Technology options and their assessment across the technology scenarios** *Q&A / Discussion* | All |
| 15.00-16.30 | **CONCEPTUALIZING AN EARLY-WARNING SYSTEM** |  |
| 15.00 | Presentation: **Developing an Early-Warning System as a Scenario and Policy Planning Tool***Q&A / Discussion*  | Sascha Lehmann, Fraunhofer |
| *16.30-18.00* | **FROM KEY MESSAGES TO POLICY RECOMMENDATIONS** |  |
|  | Develop discussion around:* Trade-offs
* Nexus
* Gaps
* Phase 2

*Questions and discussion* | All |
| *19.00* | ***Joint self-paid dinner for those interested*** |  |
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**\* Note: Please see the last page**

***Wednesday, 15 May 2019***

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| **Promoting Pathways to Sustainable Energy:** ***Capacity Building Workshop: Eastern Europe, the Caucasus, and Central Asia***  |

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| TIME | SUBJECT | SPEAKER / MODERATOR |
| 09.00-11.00 | **FROM KEY MESSAGES TO POLICY RECOMMENDATIONS** |  |
| 09.00 | Introduction – Setting a Scene | UNECE |
| 09.10 | **How the UNECE region can attain sustainable energy in the future?*** **Insights from Expert Groups for the region**
* **Policy recommendations from Expert Groups**
* **Message from Expert Groups to Stakeholders (e.g. gaps, priorities, considerations)**

**Presentations by Expert Groups:**Group of Experts on Energy Efficiency (GEEE)Group of Experts on Renewable Energy (GERE)Group of Experts on Cleaner Electricity Systems (CES)Group of Experts on Coal Mine Methane (CMM)Group of Experts on Gas (GEG)Expert Group on Resource Management (EGRM)*Discussion* | Expert Group Focal Points\*Peter Taylor, Advisory Board Member |
| *11.00-11.30* | Coffee break |  |
|  11.30 | **Deep-Dive on Gas – Role of Natural Gas in Sustainable Energy*** **How can gas displace competing fuels?**
* **What is the interplay between the natural gas and renewable energy?**
* **What is the potential of natural gas to penetrate new markets?**

*Discussion* | John Roberts, Advisory Board MemberScott Foster, UNECE |
| *13.00-14.00* | *Lunch*  |  |
| 14.00-16.00 | **SUSTAINABLE ENERGY POLICY PATHWAYS – Subregional Workshop: *Eastern Europe, the Caucasus and Central Asia*** |  |
| 14.00 | **How can the Framework on Sustainable Energy be adopted in Eastern Europe, the Caucasus and Central Asia subregions** **Can the UNECE region attain sustainable energy?*** **Key insights from the subregions**
* **Policy recommendations**
* **Message from Experts to stakeholders (e.g. gaps, priorities, considerations)**

 Reactions by: * Nazir Ramazanov (Azerbaijan)
* Natalia Jamburia (Georgia)
* Sergiu Robu (Moldova)
* Oleksandr Diachuk (Ukraine)
* Nurzat Abdyrasulova (Kyrgyzstan)
* Tatiana Vedeneva (Kyrgyzstan)
* Nizomiddin Rakhmanov (Uzbekistan)
* Baltugan Tazhmakina (Kazakhstan)
 | Oleg Dzioubinski, UNECE |
| 15.00 | Discussion | All |
| *16.00-16.30* | *Coffee break* |  |
| 16.30-18.00 | **Takeaways and next steps**  |  |
| 16.30 | **Priorities emerging & next steps – Summary of the May 14-15 Workshop from technology and subregional perspective*** Priorities setting
* Key messages for the Committee on Sustainable Energy
* Recommendations for the final report
* Recommendations for the Phase II

 *Discussion*  | UNECE |
| 18.00 | **Closing of the workshop** |  |

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| ***Thursday, 16 May 2019****Chair: Jürgen Keinhorst, Chair, Committee on Sustainable Energy**Moderation: Scott Foster, Director, Sustainable Energy Division*

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| TIME | SUBJECT | SPEAKER / MODERATOR |
| 10.00-13.00 | **PATHWAYS TO SUSTAINABLE ENERGY PROJECT** |  |
|  | **Presentation of process, approach and results*** Key messages and insights for the Committee on Sustainable Energy, implications
* Report back from the workshop 14-15 May 2019
* Proposed policy recommendations, technology roadmap, and early-warning system concept
 | H.-Holger Rogner, IIASAAleksandar Dukovski, Chair GEEE |
|  | **Reactions by six expert groups of the Committee on Sustainable Energy*** Representatives from Groups of Experts on: Energy Efficiency, Renewable Energy, Resource Management, Cleaner Electricity Systems, Coal Mine Methane and Gas
 | Expert Group Focal Points\* |
|  | **Reactions and recommendations from the Committee on Sustainable Energy** Guiding questions:* Reactions from the expert groups (continued from before if desired)
* Impressions and feedback from member States on the project, proposed key messages, policy recommendations, technology roadmap and early-warning system concept
* Impacts for technology or regional deep dives and next steps, gap analysis
 | Moderated discussion with participants |
| *13.00-15.00* | *Lunch break* |  |
| 15.00-17.30 | **RESTRUCTURING THE WORK OF THE SUSTAINABLE ENERGY SUBPROGRAMME**  |  |
|  | **Presentation of Strategic Review Document****Dialogue with member States**. Drawing conclusions, including:* What are the impacts for Committee work? Priorities for Expert Groups?
* Confirming the vision for the Committee beyond 2019
* Recommendations for the Programme of work 2020-2021 and considerations for mandate renewals and Expert Groups
* How can outreach and visibility of the work of the Experts Groups and the Committee be strengthened?
* Summary and next steps.
 | SecretariatModerated discussion with participants |
| 17.30-18.00 | **CONCLUSIONS AND NEXT STEPS** |  |
|  | * Recommendations for the subprogramme on sustainable energy
 | ChairScott Foster |
| *18.00* | **Close of the Open-ended Consultations.** |  |

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**\*List of Expert Group Focal Points – Pathways to Sustainable Energy Project**

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| Subsidiary Bodies of the Committee on Sustainable Energy | Designated Group Focal Point |
| Group of Experts on Renewable Energy (GERE) | Nazir Ramazanov |
| Group of Experts on Coal Mine Methane (CMM) | Raymond Pilcher |
| Group of Experts on Energy Efficiency (GEEE) | Aleksandar Dukovski |
| Group of Experts on Cleaner Electricity Systems (CES) | Barry Worthington |
| Group of Experts on Gas (GEG) | Francisco de la Flor Garcia |
| Expert Group on Resources Management (EGRM) | Gioia Falcone |