

SUSTAINABLE ENERGY WEEK 2023

BUILDING RESILIENT ENERGY SYSTEMS

11-15 SEPTEMBER 2023 | PALAIS DES NATIONS | GENEVA



32nd Session of the Committee on Sustainable Energy

13 September - 15 September, 2023

Day 1 (13 September, 2023)

Morning Session

10h00 - 10h10: Opening and adoption of the agenda

Juergen Keinhorst, Chairperson, Committee on Sustainable Energy

10h10 - 13h00: High-level segment: Building resilient energy systems in the United Nations Economic Commission for Europe region - Launch of the Platform on Resilient Energy Systems

10h10 - 10h20: Introductory remarks

Remarks by **Tatiana Molcean**, Executive Secretary, UNECE

Remarks by **Lubna Qassim**, Deputy Permanent Representative, Permanent Mission of UAE to the United Nations, COP28 Presidency

10h20 - 10h30: Setting the scene – Launch of the Platform on Resilient Energy Systems

Dario Liguti, Director, Sustainable Energy Division, UNECE

10h30 - 10h50: High-level segment on Resilient Energy Systems

Remarks by **Elena Manaenkova**, Deputy Secretary General of WMO

Remarks by **Carolina Novac**, Secretary of State, Ministry of Energy, Moldova

Remarks by **Yaroslav Demchenkov**, Deputy Minister, Ministry of Energy Ukraine (pre-recorded)

Remarks by **Romeo Mikautadze**, First Deputy Minister of Economy and Sustainable Development of Georgia

Remarks by **Joan Groizard**, Director General, Institute for Diversification and Energy Efficiency (IDAE), Spain

10h50 - 11h00: Roundtable: Platform on Resilient Energy Systems as a game-changing tool for informed decision-making

Demo presentation by Prof. **Dr. Markus Leippold**, SFI Senior Chair, University of Zurich and Swiss Finance Institute (SFI)

11h00 - 11h45: Panel I (international organizations)

Roberta Boscolo, Climate and Energy Lead, World Meteorological Organization (WMO)

Sylvie Goyet, Deputy Coordinator, Head Environmental Activities, Organization for Security and Cooperation in Europe (OSCE)

Jinsun Lim, Energy and Environmental Policy Analyst, International Energy Agency (IEA)

Preetam Maloor, Head of the Emerging Technologies Division, International Telecommunication Union (ITU)

Brianna Lazerwitz, Energy Economist, International Atomic Energy Agency (IAEA)

Silvia Martinez Romero, Lead Energy Specialist, World Bank

11h45 - 12h30: Panel II (Chairs of the Committee Subsidiary Bodies)

Raymond C. Pilcher, Chair of Group of Experts on Coal Mine Methane and Just Transition
Francisco de la Flor Garcia, Chair of Group of Experts on Gas
Stefan M. Buettner, Chair of Group of Experts on Energy Efficiency
Karen Hanghøj, Chair of Expert Group on Resource Management
Kostiantyn Gura, Chair of Group of Experts on Renewable Energy
Jim Robb, Chair of Group of Experts on Cleaner Electricity Systems

12h30 - 13h00: Discussion & Next Steps - Day 1 Morning Session Conclusions & Recommendations

Interventions by member states and a wider multi-stakeholder community

13h00 - 15h00: LUNCH**Afternoon Session****15h00 - 18h00: Securing access to critical raw materials in the United Nations Economic Commission for Europe region: challenges and opportunities****15h00 - 16h15: Panel I: Critical Raw Materials: The Key to a Low-Carbon Future in the UNECE Region****Moderator & Panellist:****The Role of Critical Raw Materials in Achieving the Goals of the Paris Agreement in the UNECE Region**

Karen Hanghøj, Chair, Expert Group on Resource Management

Supporting just mineral transitions through responsible mining of critical energy transition minerals

Elisa Tonda, Chief of the Resources and Markets Branch, UNEP

Market Dynamics and Technological Innovations of Critical Raw Materials – A Paradigm Shift Needed?

Christophe Xerri, Senior Consultant

Current Critical Raw Materials Policies and Their Impacts

Alessandra Hool, CEO, ESM Foundation

Enhancing the Resiliency and Sustainability of the Critical Raw Materials Value Chain

Tatiana Aguilar, Mining and Metal Manager, World Economic Forum

16h15 - 17h30: Panel II: Central Asia: A Resource-Rich Region for Green Investments in Critical Raw Materials

Moderator: **Karen Hanghøj**, Chair, Expert Group on Resource Management

The Potential of Central Asia for Green Investments in Critical Raw Materials: Opportunities and Challenges

Chokan Laumulin, Vice-Chair, Committee on Sustainable Energy

How to Diversify the Sources and Markets of Critical Raw Materials in Uzbekistan

Azimjon Kholikov, Director, Institute of Mineral Resources, State Committee of Uzbekistan on Geology and Mineral Resources

How to Promote a Circular Economy and Resource Efficiency for Critical Raw Materials in Tajikistan

Rahmonbek Bakhtdavlatov, Chairman, State Commission of the Republic of Tajikistan on Mineral Reserves

How to Foster Innovation and Cooperation for Critical Raw Materials Development and Utilization in Kyrgyzstan

Arkady Rogalsky, Counselor, State Enterprise Kyrgyzgeology, Department of Geology and Subsoil Use, Ministry of Natural Resources, Ecology and Technical Safety, Kyrgyzstan

Adopting UNFC and UNRMS in Kazakhstan and Central Asia: International Centre of Excellence on Sustainable Resource Management

Maratbek Gabdullin, Rector, Kazakh-British Technical University

Victor Babashev, Vice-Chair, Expert Group on Resource Management

17h30 - 18h00: Discussion & Next Steps - Day 1 Afternoon Session Conclusions and Recommendations

Interventions by member States and stakeholders

Day 2 (14 September, 2023)

Morning Session

10h00 - 13h00: Enhancing energy connectivity through technology interplay and regional cooperation in the United Nations Economic Commission for Europe region

10h00 - 10h15: Setting the Scene

Keynote Address: Electricity System Reliability during the Transition

Jim Robb, Chair, Group of Experts on Cleaner Electricity Systems

10h15 - 11h15: Panel I: Technology Interplay for Carbon Neutral Power Systems

Role of Dispatchable Generation

Mark Lauby, Senior Vice President, Chief Engineer, North American Electric Reliability Corporation (NERC)

Outlook for Carbon Capture and Sequestration

Jon Gibbins, Vice-Chair, Group of Experts on Cleaner Electricity Systems

Accelerating Renewable Deployment

Kostiantyn Gura, Chair, Group of Experts on Renewable Energy

Outlook for Energy Storage

Lars Jacobsson, CEO, TEXEL Energy Storage

End Uses and the Electricity Grid

Stefan Buettner, Chair, Group of Experts on Energy Efficiency

Power-to-X: Role of green and low-carbon hydrogen

Francisco de la Flor Garcia, Chair, Group of Experts on Gas

11h15 - 12h15: Panel II: Energy Connectivity and Regional Cooperation

Insights from Central Asia and the Caucasus

The case of Central Asia

Iva Brkic, Secretary of the Committee on Sustainable Energy, UNECE

The case of Georgia

Romeo Mikautadze, Vice-Chair, Committee on Sustainable Energy, First Deputy Minister of Economy and Sustainable Development of Georgia

The case of Republic of Moldova

Sergiu Robu, Lead Analyst, Institute of Power Engineering of the Academy of Sciences of Moldova

Insights from Western Europe

The case of Austria

Jasmin Haider, Policy Officer, Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation & Technology

Steps towards a global energy interconnected network

Yin Bo, Executive Director of Europe Office, Global Energy Interconnection Development and Cooperation Organization (GEIDCO)

12h15 - 13h00: Discussion & Next Steps - Day 2 Morning Session Conclusions and Recommendations

Interventions by member States and stakeholders

13h00 - 15h00: LUNCH

Afternoon Session

15h00 - 17h30: Promoting systemic efficiencies and digitalization of energy

15h00 - 15h15: UNECE High Performance Buildings Initiative: Report on 2022 Activities and the Way Forward

Igor Litvinyuk Programme Officer, Energy Efficiency and Cleaner Electricity Systems, Sustainable Energy Division, UNECE

15h15 - 17h15: Systemic Efficiencies and Digitalization in Energy

15h15 - 16h15: Panel I: Systemic efficiencies

Moderator: Stefan M. Buettner, Chair, Group of Experts on Energy Efficiency

Insight from the country: the case of the Republic of Moldova

Carolina Novac, State Secretary, Ministry of Energy, Republic of Moldova

Net-zero technology innovations for decarbonization

Maher Chebbo, Managing Director Europe, Envision Digital

Overview of energy storage options

Lars Jacobsson, CEO, TEXEL Energy Storage

16h15 - 17h15: Panel II: Digitalization in Energy

Moderator: Andrei Covatariu, Co-Chair, UNECE Task Force on Digitalization in Energy

Insight from the country: the case of Tajikistan

Farhod Bilolzoda, Chairman of the Board, Innovation and Industry Development Fund, Tajikistan

Energy policy in the age of artificial intelligence

Fabian Heymann

Digital Innovation Specialist, Swiss Federal Office of Energy

Financing energy transition and digitalization**Andreea Laplace**

Director, Strategic Financing and Venture Business Development, Eaton

Digitalization in the Arab energy sector – the role of Blockchain**Sean Ratka**

Economic Affairs Officer, Sustainable Energy, UN ESCWA

17h15 - 17h25: Follow-up on the 70th session of the Economic Commission for Europe**Dario Liguti**, Director, Sustainable Energy Division, UNECE**17h25 - 18h00: Discussion & Next Steps - Day 2 Afternoon Session Conclusions and Recommendations**

Interventions by member States and stakeholders

Day 3 (15 September, 2023)

Morning Session

10h00 - 10h30: Technical assistance, regional outreach and collaboration activities**Regional advisory services and collaboration activities | Extrabudgetary and UN Development Account projects**
Oleg Dzioubinski, Regional Advisor, Sustainable Energy Division, UNECE**10h30 - 13h00: Looking ahead: Future work of the Committee on Sustainable Energy****10h30 - 11h30: Session on Methane****10h30 - 10h35: Introductory Remarks****Raymond Pilcher**, Chair of the Group of Experts on Coal Mine Methane and Just Transition**10h35 - 11h20: Roundtable: Current state of global efforts to monitor and reduce methane emissions, and opportunities for improvement offered by modern technologies****Moderator:****Raymond Pilcher**, Chair of the Group of Experts on Coal Mine Methane and Just Transition**Panellists:****Antoine Benoit**, Kayros**Tomas Bredariol**, International Energy Agency (IEA) (Video)**Malgorzata Kasprzak**, International Methane Emissions Observatory (IMEO)**Richard Mattus**, RM Consulting**Denise Mulholland**, Global Methane Initiative (GMI) Secretariat

11h20 - 11h30: Discussion & Next Steps

Interventions by member States and the wider multi-stakeholder community

11h30 - 12h30: Session on Just Transition**11h30 - 11h35: Introductory Remarks and Concept Introduction****Introductory Remarks:**

Raymond Pilcher, the Chair of the Group of Experts on Coal Mine Methane and Just Transition

Concept Introduction:

David Jermain, Senior Fellow, Institute for Global Sustainability, Boston University

11h35 - 12h20: Roundtable: Coal in the 21st Century: From Fuel to Multi-Resource Platform**Moderator:**

Raymond Pilcher, Chair of the Group of Experts on Coal Mine Methane and Just Transition

Panellists:

Bobbie Foot, Head of Health, Safety and Environment, BHP Mitsubishi Alliance; Chair, Task Force on Just Transition (Video)

Jan Bondaruk, Deputy Director for Environmental Engineering, Polish Central Mining Institute

David Jermain, Senior Fellow, Institute for Global Sustainability, Boston University (Video)

Artan Leskoviku, Director, National Agency of Natural Resources (AKBN), Albania

Dario Liguti, Director, SED, UNECE

Cristina Martinez, Senior Specialist, Enterprise Development and Green Jobs, ILO

Other speakers:

Emma Tulley, Economic Affairs Intern, SED, UNECE

12h20 - 13h00: Discussion & Next Steps - Day 3 Morning Session Conclusions and Recommendations

Interventions by member States and the wider multi-stakeholder community

13h00 - 15h00: LUNCH**Afternoon Session****15h00 - 15h30: Delivering on sustainable energy: subprogramme accomplishments since the thirty-first session of the Committee on Sustainable Energy**

Dario Liguti, Director, Sustainable Energy Division, UNECE

Iva Brkic, Secretary of the Committee on Sustainable Energy, UNECE

15h30 - 16h30: Looking ahead: Future work of the Committee on Sustainable Energy

Juergen Keinhorst, Chairperson, Committee on Sustainable Energy

Approval of documents and discussion on next steps

16h30 - 18h00: Wrapping Up

- **Elections of Officers**
- **Any other business**
- **Adoption of the report and close of the meeting**