

# SUSTAINABLE ENERGY WEEK 2023

## BUILDING RESILIENT ENERGY SYSTEMS

11-15 SEPTEMBER 2023 | PALAIS DES NATIONS | GENEVA



### Agenda Item 2 – [32nd Session of the Committee of Sustainable Energy](#).

## High-level segment: Launch of the UNECE Platform on Resilient Energy Systems



13 September 2023  
10h00 - 13h00 CEST (Geneva time)  
Palais des Nations (TEMPUS)

### About the High-level segment

**Objective:** Present to the Committee of Sustainable Energy the concept of the UNECE Platform on Resilient Energy Systems and discuss next steps for its operationalization.

**Context:** The ECE region is facing a number of crises that have exposed the vulnerability of energy systems in North America, Europe and Central Asia. Based on the discussion at the thirty-first session, a resilient energy system is one where energy reflects potential impacts of climate change on energy resources in its planning and operations; makes an optimal contribution to a country's social, economic, and environmental development; is able to prevent, withstand and recover quickly from any unanticipated shocks, including military or climate disaster shocks, which cause disruptions of energy systems; and is decentralized at all levels – regional, state and local – with widely deployed capacities (including reserved capacities) for alternative energy generation and transmission.

At the thirty-first session, the ECE expert community concluded that a resilient energy system is based on:

- a. energy security that ensures energy needed at any time through diversity of supply;
- b. affordability of sustainable energy that reduces the costs of electricity, heating, cooling, and transport while increasing systemic energy efficiency; and
- c. environmental sustainability that lowers the carbon footprint and enhances efficiency across the energy supply chain in line with the Paris Agreement and the Agenda 2030 for Sustainable Development.

The policymakers across the region are in need of tools that will enable them to make informed decisions to design and build resilient energy systems and prepare for the uncertainties that the future brings. This plenary session will report on the progress made with regard to building resilient energy systems within the ECE region and will introduce and launch the ECE Platform on Resilient Energy Systems that is tailored for effective policymaking.

### 10h10 - 10h20: Introductory Remarks

- Opening statement by **Tatiana Molcean**, Executive Secretary, UNECE
- Opening statement 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

### 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
  - What is the mandate of international organizations in the field of energy systems resilience?
  - Why do we need to mainstream energy systems resilience and system-thinking concepts among our stakeholders?
  - How to understand and manage the complexity and trade-offs behind the decision-making in energy sector?
  - From knowledge repository to predictive analytics in early warning systems: how could Platform evolve over time?

### 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

- How do workplans of particular Groups of Experts contribute to the Platform?
- How could the Platform benefit from the work of Groups of Experts?
- How will the Platform facilitate and enhance the collaboration across Groups of Experts?

### 12h30 - 13h00: Discussion & Next Steps

Interventions by member states and a wider multi-stakeholder community

Based on the discussion and documents: ECE/ENERGY/2023/13 and CSE.32/2023/INF.3.