

SUSTAINABLE ENERGY WEEK 2023

BUILDING RESILIENT ENERGY SYSTEMS

11-15 SEPTEMBER 2023 | PALAIS DES NATIONS | GENEVA



Agenda Item 6 – [10th Session of the Group of Experts on Renewable Energy](#)

Cross-Cutting and Inter-Sectoral Cooperation to Integrate Renewable Energy into Energy Systems.

12 September 2023, 10h00 – 12h00 CEST (Geneva time)

Objective: To address the target of increasing renewable energy uptake in ECE countries by improving the understanding of renewable energy resource characteristics and availability, but also by strengthening policy, institutional, normative, and regulatory frameworks

Context: Renewable energy plays an important role in helping to achieve better management of resources within the water-energy-food-ecosystems nexus. The role of renewable energy in promoting the nexus approach will be specifically considered at the session, as will be also links to the 2030 Agenda for Sustainable Development and the implications for climate change mitigation.

Delegates will be invited to engage in technical considerations on, and to identify actions needed for building resilient energy systems. The necessity of implementing measures ensuring Just Transition and benefits of participation in the ECE Platform on Resilient Energy Systems, which aims to achieve a greater energy security, affordability and environmental sustainability, will be discussed.

Delegates will be requested to present their experiences and views on the efforts aiming to substantially increase the uptake of renewable energy, including on the interlinkages and synergies between renewable energy and fossil fuels.

Delegates will then be invited to:

- (a) discuss cross-cutting and intersectoral cooperation to develop renewable energy and to consider in that context the low and zero carbon technologies interplay;
- (b) discuss how to scale-up green hydrogen production pathways through electrolysis from renewable energy and contribute to the development of a regional hydrogen ecosystem;
- (c) consider adopting an integrated and holistic approach to deployment of renewable energy, encompassing implementation of possible joint inter-sectoral work taking into account both: the water-energy-food-ecosystems nexus perspective, and the role of renewable energy in a decarbonized energy system;

(d) discuss the energy transition, the Post-COVID-19 socioeconomic recovery, and the recovery from the energy crisis.

Documentation:

ECE/ENERGY/2023/11 – United Nations Economic Commission for Europe Platform on Resilient Energy Systems Work Plan

ECE/ENERGY/2023/12 - Advanced Concept for the Platform on Resilient Energy Systems

Moderator: Mr. Dario Liguti, Director, Sustainable Energy Division, UNECE

Opening remarks - Low- and zero-carbon technologies interplay for increasing the renewable energy uptake

- **Mr. Dario Liguti**, Director, Sustainable Energy Division, UNECE

Setting the scene

- **Ms. Aida Sitdikova**, Director, Energy Eurasia, Middle East & Africa, Sustainable Infrastructure Group, EBRD

Panel 1: Synergies between hydrogen and renewable energy

Moderator: Mr. Dario Liguti, Director, Sustainable Energy Division, UNECE

- **Mr. Ross Palmer**, Associate Director covering renewables and green hydrogen projects, EBRD
- **Mr. Laurent Antoni**, Executive Director of the International Partnership for Hydrogen and fuel cells in the Economy (IPHE)
- **Mr. Andrei V. Tchouvelev**, Director Safety and Regulatory, Hydrogen Council
- **Mr. Kapil Narula**, Senior Analyst, Breakthrough Agenda, Climate Champions Team
- **Mr. Regis Conrad**, Synfuels Americas, former Director for Advanced Energy and Hydrogen Systems Division, U.S. Department of Energy

Panel 2: Synergies between renewable energy and other technologies

Moderator: Mr. Dario Liguti, Director, Sustainable Energy Division, UNECE

- **Ms. Brianna Lazerwitz**, Planning and Economic Studies Section (PESS), Department of Nuclear Energy, IAEA, tbc
- **Mr. King Lee**, Head of Policy and Industry Engagement, World Nuclear Association
- **Mr Maher Chebbo**, Regional Lead Europe, Council of Engineers for Energy Transition

Panel 3: Just transition: moving towards new energy systems

Moderator: Mr. Dario Liguti, Director, Sustainable Energy Division, UNECE

- **Mr. Raymond Pilcher**, Chair of the Group of Experts on CMM and Just Transition
- **Mr. Artan Leskoviku**, Director of RES, Ministry of Infrastructure and Energy

Panel 4: Increasing the uptake of renewables through grid interconnection

Moderator: Mr. Dario Liguti, Director, Sustainable Energy Division, UNECE

- **Mr. Yin Bo**, Executive Director of Europe Office, GEIDCO - Global Inter

Q&A and Open Discussion

Panel 5: A holistic perspective for renewable energy development through the water-energy-food-ecosystems nexus approach, a better management of natural and forestry resources, and integrating renewables in urban development

Moderator: Mr. Dario Liguti, Director, Sustainable Energy Division, UNECE

- **Ms. Lucia De Strasser**, Environment Division, UNECE.
- **Mr. Florian Steierer**, UNECE/FAO Forestry and Timber Section Forests, Land and Housing Division, UNECE
- **Mr. Harikrishnan Tulsidas**, Sustainable Energy Division, UNECE
- **Ms. Gulnara Roll**, Housing Section, Forests, Land and Housing Division, UNECE

Q&A and Open Discussion

Conclusion and Recommendations