

## Joint Workshop

# “Improving the resilience of energy systems through energy efficiency and renewable energy: demand side perspective and cross-sectoral approach”

in the framework of

## Twelfth International Forum on Energy for Sustainable Development

Geneva (Palais des Nations, E Building, Door E40, Level 1, Room XXII) and online  
5 October 2022

### Concept note and tentative timeline

#### Background

Globally, and in the United Nations Economic Commission for Europe (UNECE) region, stakeholders are facing multiple crises and challenges that also affect each other and further impact on the progress towards the objectives of the 2030 Agenda for Sustainable Development and of the Paris Agreement targets.

For many, energy prices become increasingly unaffordable, unpredictable and at times availability of energy is uncertain; this has a multiplier effect on economies and critically affects those throughout products' supply chains.

Energy is at the centrepiece. Increasing energy resilience against external shocks and uncertainties at the individual level therefore is of utmost importance, particularly for companies. The toolkit needed for resiliency action also facilitates progress towards implementation of the 2030 Agenda and achievement of the Paris Agreement targets.

*Documents:* ECE/ENERGY/GE.6/2021/3 - [A pathway to reducing the greenhouse gas footprint in manufacturing: determinants for an economic assessment of industrial decarbonization measures](#)  
ECE/ENERGY/133/Add.4 - [Industrial Energy Efficiency](#)  
ECE/ENERGY/GE.6/2020/3 - [Draft Industrial Energy Efficiency Action Plan, and assessment of the role of the United Nations Economic Commission for Europe in delivering on it](#)  
GEEE-7/2020/INF.2 - [Framing the ambition of carbon neutrality](#)  
ECE/ENERGY/GE.6/2020/5 - [Pathways to Sustainable Energy –Policy Recommendations from the Group of Experts on Energy Efficiency](#)

#### Objective

The interactive workshop aimed on policymakers, facilitators, multipliers, service providers, manufacturers, experts, engineers, financiers, and strategists, organized around two sets of 'impulses', will focus on how energy users, notably but not limited to industry, can improve their energy resilience, and will showcase how to identify a set of feasible measures tailored to an individual case and to identify their economic viability.

Practical experience shared by companies provides examples on how low carbon, net zero and resilience can be pursued as well as how digital solutions can help. Multipliers will further highlight go-to points or practical first steps and guide to self-enabling online-tools.

The workshop is jointly organized by the Group of Experts on Energy Efficiency and the Group of Experts on Renewable Energy in the framework of Sustainable Energy Expert Week 2022 and the twelfth International Forum on Energy for Sustainable Development.

## Tentative timeline

14:00	Welcome and housekeeping	Mr. Igor Litvinyuk, Secretary, Group of Experts on Energy Efficiency Mr. Gianluca Sambucini, Secretary, Group of Experts on Renewable Energy
14:00-14:05	Introduction	Mr. Stefan M. Buettner, Chair, Group of Experts on Energy Efficiency Mr. Kostiantyn Gura, Chair, Group of Experts on Renewable Energy
14:05-15:20	First set of Impulses	Ms. Manja Hiess (Manager Quality and Sustainability, J. Schmalz GmbH) Mr. Lars Baumgürtel (CEO, ZINQ Group) Mr. Thorsten Coss (Managing Director, AVU ServicePlus) Mr. Joa Bauer (Project Partner, INNOVEAS, Umwelttechnik BW GmbH) Mr. Michael Fegerl (Secretary, RECPnet – Global Network for Resource Efficient and Cleaner Production)
	Followed by Discussion	All
15:20-16:55	Second set of Impulses	Mr. Sebastian Friesdorf (INTENSE AG) Mr. Winfried Braumann (Managing Partner, Reenag Holding GmbH) (pre-recorded video) Mr. Andreas Dreisiebner (Member of the Board, Solarspar) Ms. Nihal Darraj (Doctoral researcher, Imperial College London) Ms. Sudipta Roy (Chair of Chemical and Process Engineering, University of Strathclyde / National Manufacturing Institute for Scotland)
	Panel discussion	<b>Moderator:</b> Mr. Oleg Dzioubinski, Regional Advisor (Energy), UNECE <b>Panellists:</b> Mr. Vahram Jalalyan (Co-Chair, Joint Task Force on Energy Efficiency Standards in Buildings; UNDP Armenia) Ms. Margalita Arabidze (Vice-Chair, Group of Experts on Renewable Energy; Head, Energy Efficiency and Renewable Energy Policy and Sustainable Development Department, Ministry of Economy and Sustainable Development, Georgia) Mr. Sergiu Robu (Researcher, Institute of Power Engineering, Academy of Sciences of Moldova) Mr. Adrian Bylyku (Vice-Chair, Group of Experts on Renewable Energy; Head, National Agency of Natural Resources (AKBN), Albania)
	Interventions from the floor	All
16:55-17:00	Wrap-up on the proceedings and Closing remarks	Mr. Stefan M. Buettner, Chair, Group of Experts on Energy Efficiency Mr. Kostiantyn Gura, Chair, Group of Experts on Renewable Energy
17:00	<i>Ends</i>	