

IMPROVING THE RESILIENCE OF ENERGY SYSTEMS
THROUGH ENERGY EFFICIENCY AND RENEWABLE ENERGY:
DEMAND-SIDE PERSPECTIVE AND CROSS-SECTORAL APPROACH

GROUP OF EXPERTS ON ENERGY EFFICIENCY

34 OCTOBER 2022 I NINTH SESSION

JOINT THEMATIC WORKSHOP

5 OCTOBER 2022

GROUP OF EXPERTS ON RENEWABLE ENERGY

6-7 OCTOBER 2022 I NINTH SESSION











# **Group of Experts on Renewable Energy**

Ninth session 6-7 October 2022, Geneva and virtual DAY 1

PLEASE STANDBY SESSION WILL START AT 10:00 CEST











Ninth session

6-7 October 2022 | Geneva and virtual

### Welcome

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



## Housekeeping

**Mr. Gianluca Sambucini**Secretary, Group of Experts on Renewable Energy



10:00-12:00 and 15:00-17:00 CEST





Presentations will be posted (subject to approval by speakers)

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Ninth session 6-7 October 2022 | Geneva and virtual

DAY 1
Thursday, 6 October 2022, 10:00-12:00
Agenda items 1, 2, 3, 4, 5



# Agenda item 1 Adoption of the agenda

Documentation: ECE/ENERGY/GE.7/2022/1 - Annotated provisional agenda for the ninth session

Mr. Kostiantyn Gura, Chair, Group of Experts on Renewable Energy

### Provisional agenda:

- 1. Adoption of the agenda
- 2. Election of officers
- 3. Opening remarks
- 4. Activities and priorities of the Committee on Sustainable Energy and matters for consideration by the Group of Experts
- 5. Tracking progress in the uptake of renewable energy
- 6. Exchange of experiences on how to increase the uptake of renewable energy

- 7. Cross-cutting and inter-sectoral cooperation to integrate renewable energy into energy systems
- 8. Status of implementation of the Work Plan of the Group of Experts for 2022-2023
- 9. Other business
- 10. Dates of the next meeting
- 11. Adoption of the report and close of the meeting.

Tentative timeline: <a href="https://unece.org/sed/documents/2022/07/agendas/annotated-provisional-agenda-ninth-session-0">https://unece.org/sed/documents/2022/07/agendas/annotated-provisional-agenda-ninth-session-0</a>



# **Agenda item 2 Election of Officers**

#### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

The Bureau of the Group of Experts on Renewable Energy currently comprises the following members: **Member States:** 

Name Country

Chair: Kostiantyn GURA Ukraine

Vice-Chairs:

Adrian BYLYKU Albania

Victoria KESHISHYAN Armenia

Andrei MINIANKOU Belarus

Admir SOFTIĆ Bosnia and Herzegovina

Margalita ARABIDZE Georgia

Tibor FISCHER Germany

Ainur SOSPANOVA Kazakhstan Nurzat ABDURASULOVA Kyrgyzstan

Georgy ERMOLENKO Russian Federation

Milos BANJAC Serbia



**Election of Officers** 

#### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

The Bureau of the Group of Experts on Renewable Energy comprises the following members:

### Organizations:

Name Organization

Aida SITDIKOVA Bank for Reconstruction and Development

Maria Michela MORESE Food and Agriculture Organization of the United Nations/ Global Bioenergy Partnership

Paolo FRANKL International Energy Agency

Gurbuz GONUL International Renewable Energy Agency

Rana ADIB The Renewable Energy Policy Network for the 21st Century



**Election of Officers** 

#### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

The secretariat received the following nominations from *member States:* 

as Chair: Kostiantyn Gura (Ukraine)

#### as Vice-Chairs:

- Adrian Bylyku (Albania)
- 2. Kamran Huseynov (Azerbaijan)
- 3. Andrei Miniankou (Belarus)
- 4. Sanja Kapetina (Bosnia and Herzegovina)
- 5. Margalita Arabidze (Georgia)
- 6. Akhat Omiralin (Kazakhstan)
- 7. Tibor Fischer (Germany)
- 8. Aleksei Zhiharev (Russian Federation)
- 9. Olena Lenska (Ukraine)
- 10. Suriya Jayanti(United States)



**Election of Officers** 

#### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

The secretariat received the following nominations as **Vice-Chairs** (without the right to vote) **from Organizations:** 

- 1. Paolo Frankl (International Energy Agency)
- 2. Binu Parthan (International Renewable Energy Agency)
- 3. Rana Adib (The Renewable Energy Policy Network for the 21st Century)
- 4. Maria Michela Morese (Food and Agriculture Organization of the United Nations/Global Bioenergy Partnership)
- 5. Naida Taso (Energy Community)

The following experts were *invited by the Bureau* to join as Vice-Chairs (without the right to vote) to strengthen activities of the Bureau:

- 1. Nurzat Abdurasulova (Kyrgyzstan)
- 2. Aida Sitdikova (European Bank for Reconstruction and Development)



**Election of Officers** 

#### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

After the conclusion of the ninth session of the Group of Experts on Renewable Energy, the Bureau shall comprise the following members:

Chair: Kostiantyn Gura (Ukraine) as, and

Vice-Chairs: Member States

Mr. Adrian Bylyku

(Albania).

Mr. Kamran Huseynov (Azerbaijan)

Ms. Sanja Kapetina (Bosnia and Herzegovina)

Ms. Margalita Arabidze (Georgia)

Mr. Akhat Omiralin (Kazakhstan)

Ms. Nurzat Abdurasulova (Kyrgyzstan)

Mr. Tibor Fischer (Germany)

Ms. Olena Lenska (Ukraine)

Organizations (without the right to vote)

Mr. Paolo Frankl (IEA)

Mr. Binu Parthan (IRENA)

Ms. Rana Adib (REN21)

Ms. Maria Michela

Morese (FAO/GBEP)

Ms. Naida Taso (Energy Community

Secretariat)

Ms. Aida Sitdikova (EBRD)



# **Agenda item 3 Opening remarks**

### Mr. Kostiantyn Gura

Chair, Group of Experts on Renewable Energy



# Activities and priorities of the Committee on Sustainable Energy and matters for consideration by the Group of Experts

#### Ms. Denise Mulholland

Secretary, Committee on Sustainable Energy

Key takeaways from the thirty-first session of the Committee on Sustainable Energy, 21-23 September 2022.



### Tracking progress in the uptake of renewable energy

Documentation: ECE/ENERGY/GE.7/2022/3 - Renewable Energy Status Report 2022 - key findings

#### Moderator:

**Ms. Margalita Arabidze**, Vice-Chair of the Group of Experts on Renewable Energy, Head of EE and RE Policy and SDG Department, Ministry of Economy and Sustainable Development of Georgia

### The UNECE and REN21 Cooperation

Ms. Vibhushree Hamirwasia, REN21

Mr. Gianluca Sambucini, Secretary, Group of Experts on Renewable Energy

### Presentation of the REN21 UNECE Renewable Energy Status Report 2022

Ms. Rana Adib, Executive Director, REN21

#### Panelists:

Ms. Nurzat Abdyrasulova, Unison Group, Kyrgyz Republic

Ms. Sanja Kapetina, Bosnia and Herzegovina

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

Ms. Naida Taso, Energy Community

Mr. Matija Vajdić, Energy Institute Hrvoje Požar



# Agenda item 5 Conclusions and Recommendations

**Mr. Kostiantyn Gura**Chair, Group of Experts on Renewable Energy

Documentation: DRAFT GERE-9/2022/INF.1 - Draft Conclusions and Recommendations arising from the ninth session of the Group of Experts on Renewable Energy, version 3, 23 September 2022



Ninth session
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### **THANK YOU!**

The session will continue today at 15:00 CEST



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# **Group of Experts on Renewable Energy**

Ninth session
6-7 October 2022, Geneva and virtual
DAY 1

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## Housekeeping

**Mr. Gianluca Sambucini**Secretary, Group of Experts on Renewable Energy



10:00-12:00 and 15:00-17:00 CEST





Presentations will be posted (subject to approval by speakers)

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Ninth session
6-7 October 2022 | Geneva and virtual

DAY 1 Monday, 6 October 2022, 15:00-17:00

Agenda item 6: Exchange of experiences on how to increase the uptake of renewable energy



## Exchange of experiences on how to increase the uptake of renewable energy

Documentation: DRAFT ECE/ENERGY/GE.7/2022/4 - Status and Perspectives for Renewable Energy in the ECE region

#### Moderator:

**Mr. Tibor Fisher**, Vice-Chair of the Group of Experts on Renewable Energy, Director of the Renewable Energy Division, Dena

Overview on the RE - Uptake Project

Mr. Laurence Green, Project Manager, Dena

Mr. Gianluca Sambucini, UNECE



## Exchange of experiences on how to increase the uptake of renewable energy

#### Moderator:

Mr. Tibor Fisher, Vice-Chair of the Group of Experts on Renewable Energy, Director of the Renewable Energy Division, Dena

## The UNECE Renewable Energy Hard Talks in the UNECE region Panelists:

Mr. Adrian Bylyku, Vice-Chair, Group of Experts on Renewable Energy, and Mr. Artan Leskoviku, Director of RES, Ministry of Infrastructure and Energy

- Renewable energy Hard Talk in Albania

Ms. Margalita Arabidze. Vice-Chair, Group of Experts on Renewable Energy

- Renewable Energy Hard Talk in Georgia

Ms. Natalija Lukovic, Assistant Minister, Ministry of Mining and Energy, Serbia (tbc)

- Renewable Energy Hard Talk in Serbia

Mr. Nicolae Magdil, Ministry of Infrastructure and Regional Development, Moldova

- Renewable Energy Hard Talk in Moldova



## Exchange of experiences on how to increase the uptake of renewable energy

#### Moderator:

**Mr. Tibor Fisher**, Vice-Chair of the Group of Experts on Renewable Energy, Director of the Renewable Energy Division, Dena

Energy transition has become even more urgent in 2022 Ms. Petya Icheva, IRENA

Report on Regional Advisory Services in the area of renewable energy Mr. Oleg Dzioubinski, Regional Advisor on Energy, UNECE

RPTC Study: Designing a carbon neutral energy system of Ukraine: Increasing the uptake of biofuels and biomass in Ukraine
Mr. Valerii Kotsiuba, UNECE Consultant



# Agenda item 6 Conclusions and Recommendations

**Mr. Kostiantyn Gura**Chair, Group of Experts on Renewable Energy

Documentation: DRAFT GERE-9/2022/INF.1 - Draft Conclusions and Recommendations arising from the ninth session of the Group of Experts on Renewable Energy, version 3, 23 September 2022



Ninth session
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### **THANK YOU!**

The session will continue tomorrow, 7 October 2022, at 10:00 CEST



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# **Group of Experts on Renewable Energy**

Ninth session 6-7 October 2022, Geneva and virtual DAY 2

PLEASE STANDBY SESSION WILL START AT 10:00 CEST











## Housekeeping

**Mr. Gianluca Sambucini**Secretary, Group of Experts on Renewable Energy



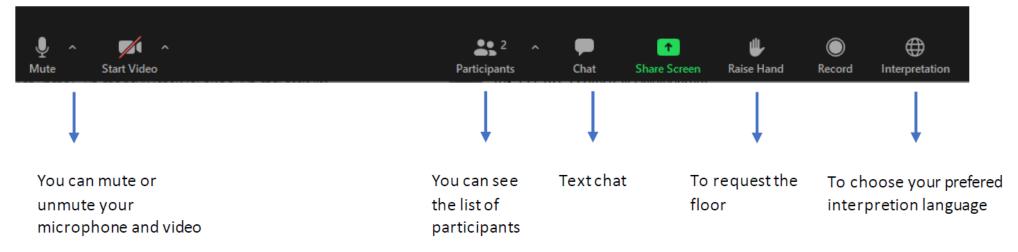
10:00-12:00 and 15:00-17:00 CEST





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Ninth session
6-7 October 2022 | Geneva and virtual

DAY 2

Monday, 7 October 2022, 10:00-12:00

Agenda item 7: Cross-cutting and inter-sectoral cooperation to integrate renewable energy into energy systems



## Cross-cutting and inter-sectoral cooperation to integrate renewable energy into energy systems

Documentation: ECE/ENERGY/GE.7/2022/5 – Energy Transition and the Post-COVID-19 Socioeconomic recovery: Role of women and impact on them

Exchange of experiences: Infrastructure development for renewable energy uptake in Ukraine

### **Opening remarks**

**Mr. Kostiantyn Gura,** Chair of the Group of Experts on Renewable Energy, Head of the State Agency on Infrastructure Projects of Ukraine

**Ms. Olena Kryvoruchkina,** Member of Parliament, Deputy Chairman of the Environmental Committee, Chief Coordinator of the Operational Headquarters for Fixing Ecocrimes



## Cross-cutting and inter-sectoral cooperation to integrate renewable energy into energy systems

Documentation: ECE/ENERGY/GE.7/2022/5 – Energy Transition and the Post-COVID-19 Socioeconomic recovery: Role of women and impact on them

Exchange of experiences: Infrastructure development for renewable energy uptake in Ukraine

#### **Panellists:**

**Mr. Oleksandr Dombrovskyi**, Head of the Board of Global 100 RE Ukraine RENpowerUA: green instruments for recovery and development of Ukraine

**Ms. Lyudmyla Tsyganok**, President of Professional Association of Ecologists of Ukraine: Environmental damage in Ukraine as result of the invasion: the need for more renewable energy development

**Ms. Ima Khrenova-Shymkina**, Director of the GIZ Ukraine Project «Promotion of energy efficiency and implementation of the EU Directive on energy efficiency in Ukraine: Energy efficiency as the key to Ukraine's energy independence

**Mr. Oleksandr Riepkin,** Special Representative of the Minister of Foreign Affairs of Ukraine on the Economic Diplomacy; President of the Energy Association «Ukrainian Hydrogen Council»



## Cross-cutting and inter-sectoral cooperation to integrate renewable energy into energy systems

Exchange of experiences and views of experts on how to substantially increase the uptake of renewable energy Country interventions

How to scale-up green hydrogen production pathways and role of renewable energy in a decarbonized energy system

Mr. Branko Milicevic, Sustainable Energy Division, UNECE

Energy transition, the PostCovid-19 socioeconomic recovery, and the role of women Ms. Kankana Dubey, UNECE Consultant

Integrated and holistic approach to renewable energy: the water-energy-food-ecosystems nexus perspective Ms. Lucia De Strasser, Environment Division, UNECE



# Agenda item 7 Conclusions and Recommendations

**Mr. Kostiantyn Gura**Chair, Group of Experts on Renewable Energy

Documentation: DRAFT GERE-9/2022/INF.1 - Draft Conclusions and Recommendations arising from the ninth session of the Group of Experts on Renewable Energy, version 3, 23 September 2022



Ninth session
6-7 October 2022 | Geneva and virtual

### **THANK YOU!**

The session will continue today at 15:00 CEST



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# **Group of Experts on Renewable Energy**

Ninth session 6-7 October 2022, Geneva and virtual DAY 2

PLEASE STANDBY SESSION WILL START AT 15:00 CEST











## Housekeeping

**Mr. Gianluca Sambucini**Secretary, Group of Experts on Renewable Energy



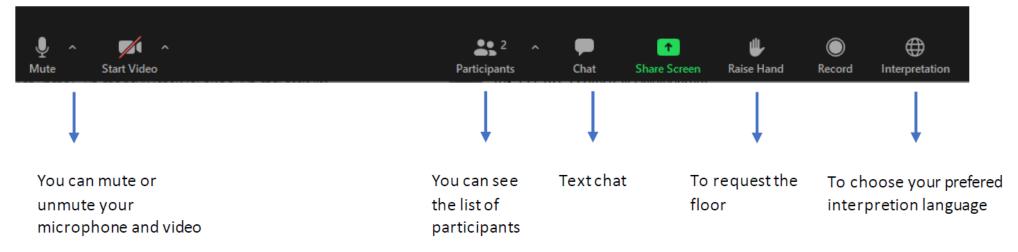
10:00-12:00 and 15:00-17:00 CEST





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Ninth session
6-7 October 2022 | Geneva and virtual

DAY 2
Tuesday, 7 October 2022, 15:00-17:00
Agenda items 8,9,10,11



# Status of implementation of the Work Plan of the Group of Experts for 2022-2023

Documentation: ECE/ENERGY/2021/12 – Work Plan of the Group of Experts on Renewable Energy for 2022-2023

#### Moderator:

Mr. Kostiantyn Gura, Chair, Group of Experts on Renewable Energy

#### Panellists:

- Mr. Gianluca Sambucini, Secretary of the Group of Experts on Renewable Energy
- Ms. Vibhushree Hamirwasia, Project Manager REN21 UNECE Renewable Energy Status Report, REN21
- Mr. Green Laurence, Project Manager RE-Uptake, dena (German Energy Agency)
- Mr. Denis Motorniy, Project Coordinator, Food and Agriculture Organization of the United Nations (FAO)
- Ms. Nadejda Khamrakulova, Project Officer, Sustainable Energy Division, UNECE



# Status of implementation of the Work Plan of the Group of Experts for 2022-2023

**United Nations** 

ECE/ENERGY/2021/12



### **Economic and Social Council**

Distr.: General 8 July 2021

Original: English

#### **Economic Commission for Europe**

Committee on Sustainable Energy

Thirtieth session

Geneva, 22-24 September 2021 Item 7(d) of the provisional agenda

Future work of the Committee on Sustainable Energy:

Approval of documents

Work Plan of the Group of Experts on Renewable Energy for 2022-2023



# Status of implementation of the Work Plan of the Group of Experts for 2022-2023

### A. Tracking progress in the uptake of renewable energy sources

### **Deliverables and Timeline:**

- a) A new edition of the REN21 ECE Renewable Energy Status Report (dependent on extrabudgetary funding), by December 2023;
- b) A report on the status of implementation of renewable energy action plans (dependent on extrabudgetary funding), by December 2023;
- c) Policy and business recommendations through the organization of or participation in workshops on selected local energy issues, mainly raised by dedicated Renewable Energy Hard Talks, bringing together key stakeholders from the public and private sectors, by December 2022;
- d) A report on subsidies and their impact on financing renewable energy uptake in selected countries of the region (dependent on extrabudgetary funding), by December 2023.



# Status of implementation of the Work Plan of the Group of Experts for 2022-2023

## B. Exchange of experiences, good practices, and multi-stakeholder dialogues on how to increase the uptake of renewable energy

#### **Deliverables and Timeline:**

- a) Ad hoc workshop or discussion within the annual session of the Group of Experts and written contributions on adaptive and cross-cutting policy options, by December 2023;
- b) A webinar or discussion on adapting market design to high shares of variable renewable energy in selected countries in the ECE region (dependent on extrabudgetary funding for the assessment of the market design adaptation), by December 2022;
- c) Present information on policies, experiences and good practices in countries of the region during four workshops and seminars organized by relevant organizations (dependent on extrabudgetary funding for travel costs), by December 2023;
- d) Hard Talks and/or follow-up activities in ECE countries on a demand-driven basis with the participation of key stakeholders, enhancing cross-sectoral synergies and strengthening cooperation within the UN system and with other international actors (dependent on extrabudgetary funding), by December 2023;
- e) Promote capacity-building activities on renewable energy project development and disseminate relevant material and information on projects at workshop and/or matchmaking event(s) among developers, investors and financial institutions. This material may include a possible guide on the integration of environmental aspects and the promotion of a renewable energy-water nexus approach in project development (dependent on extrabudgetary funding), by December 2023.



# Status of implementation of the Work Plan of the Group of Experts for 2022-2023

## C. Cross-cutting cooperation to strengthen integration of renewable energy in future sustainable energy systems

#### **Deliverables and Timeline:**

- a) Documentation and/or case studies that supports UNFC to be applied to renewable energy sources and/or promotion of the application of UNFC to renewable energy to specific renewable energy meetings or workshops, by December 2023;
- b) Dissemination of good practices and policies of renewable energies with the consideration of all kind of gases and/or green hydrogen/biomethane within future energy systems in countries of the region, by December 2023;
- c) Documentation on water-energy nexus challenges and possible guidelines for renewable energy development, including on large hydropower (dependent on extrabudgetary funding), by December 2023;
- d) Identification of one or two renewable energy experts to participate in the Task Force on Digitalization in Energy of the Group of Experts on Energy Efficiency, by December 2022;
- e) Dissemination of good practices and policies of bioenergy development in ECE countries (dependent on extrabudgetary funding), by December 2023;
- f) Case studies on the Net Energy Metering mechanism and relevant regulations implementation for the ECE region (dependent on extrabudgetary funding), by December 2022.



# Status of implementation of the Work Plan of the Group of Experts for 2022-2023

Documentation: ECE/ENERGY/2021/12 – Work Plan of the Group of Experts on Renewable Energy for 2022-2023

#### Moderator:

Mr. Kostiantyn Gura, Chair, Group of Experts on Renewable Energy

#### Panellists:

- Mr. Gianluca Sambucini, Secretary of the Group of Experts on Renewable Energy
- Ms. Vibhushree Hamirwasia, Project Manager REN21 UNECE Renewable Energy Status Report, REN21
- Mr. Green Laurence, Project Manager RE-Uptake, dena (German Energy Agency)
- Mr. Denis Motorniy, Project Coordinator, Food and Agriculture Organization of the United Nations (FAO)
- Ms. Nadejda Khamrakulova, Project Officer, Sustainable Energy Division, UNECE



# Agenda item 8 Conclusions and Recommendations

**Mr. Kostiantyn Gura**Chair, Group of Experts on Renewable Energy

Documentation: DRAFT GERE-9/2022/INF.1 - Draft Conclusions and Recommendations arising from the ninth session of the Group of Experts on Renewable Energy, version 3, 23 September 2022



# Agenda item 9 Other business

### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

At the time the draft report was prepared, no issues were raised under this agenda item.



# Agenda item 10 Dates of the next meeting

#### Mr. Gianluca Sambucini

Secretary, Group of Experts on Renewable Energy

The tenth session of the Group of Experts is scheduled to take place in Geneva on 11-12 September 2023.

The proposal from the previous sessions is that meetings of the Group of Experts may take place in venues outside Geneva.



# Agenda item 11 Adoption of the report and close of the meeting

Mr. Kostiantyn Gura, Chair, Group of Experts on Renewable Energy

The Group of Experts is invited to adopt its report based on the Conclusions and Recommendations, subject to any necessary editing and formatting.



Ninth session
6-7 October 2022 | Geneva and virtual

# THANK YOU FOR PARTICIPATION