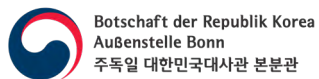


Co-organizers



Partners



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Registration

The event is a hybrid conference with onsite and on-line participation. Onsite participation at Maritim Hotel Bonn is by invitation only. For online participation, please register here: <https://bit.ly/3iDnQRD>

5th
year
ANNIVERSARY



Global Renewable Energy Forum 2021

Showing Ways to Net Zero Emissions

September 16, 2021 (Thur) 9:00-13:15
Hybrid Conference, Maritim Hotel Bonn



OVERVIEW of GREF 2021

The 5th edition of the Global Renewable Energy Forum (GREF) is organized by the Embassy of the Republic of Korea, Bonn Office in cooperation with the International Renewable Energy Agency (IRENA) and REN21 – the Renewable Energy Network for the 21st Century. It is supported by the Korean-German Energy Partnership of the Ministry of Trade, Industry and Energy, Republic of Korea, and the Federal Ministry for Economic Affairs and Energy, Federal Republic of Germany.

More and more countries and companies commit to net zero-emission strategies, and roughly 73% of global CO₂ emissions are subject to specific net-zero targets. Renewables continue to increase and reported a record year in 2020. Yet, to move toward a net zero-emission pathway, annual additions of wind and solar capacity must increase four-fold by 2030, making the 2020s a decisive decade. Limiting temperature increase to 1.5°C by mid-century requires an energy transition based on renewable energy sources and energy-efficient technologies.

Cities play a crucial role in achieving the energy transition not only in the power sector but also in end-use sectors lagging in the uptake of renewables that constitute serious obstacles to attaining net zero-emission targets. Particularly heating has not seen much addition of renewables in recent years.

Against this backdrop, GREF 2021 focuses on net zero-emission pathways of the public and private sectors and the role of cities in the energy transition, with a particular focus on buildings. It demonstrates ways to achieve net zero emissions by 2050 and particularly focuses on how to implement ambitious 2030 targets.

The partners of the event are ICLEI, International Geothermal Association (IGA), Eurosolar, UNIDO ITPO Germany, World Wind Energy Association (WWEA), Germanwatch, the EnergyAgency.NRW, and German Technical and Scientific Association for Gas and Water (DVGW).

PROGRAM

- 08:30-09:00** Registration
- 09:00-09:05** Welcome Address by Seung-jae Huh, Consul General, Embassy of the Republic of Korea, Bonn Office
- 09:05-09:10** Congratulatory Remarks by Dr. Ursula Sautter, Mayor, City of Bonn

Keynote Speeches

- 09:10-09:15** Francesco La Camera, Director-General, International Renewable Energy Agency (IRENA) (tbc)
- 09:15-09:20** James Grabert, Director, Mitigation Division, United Nations Climate Change Secretariat
- 09:20-09:25** Dr. Vera Rodenhoff, Head of Division, German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

SESSION 1: Zero-Emission Pathways

Chair: Dr. Dolf Gielen

Director, Innovation and Technology Center, IRENA

- 09:30-09:40** Overview Presentation
Dr. Dolf Gielen, Director, Innovation and Technology Center, IRENA
- 09:40-10:25** Panel discussion 1
Net Zero Strategies and Policies in line with 1.5°C

- 10:25-11:10** Panel discussion 2
Industry Initiatives toward Net Zero Emissions
- 11:15-11:30** Coffee Break

SESSION 2: The Role of Cities in the Energy Transition

Moderator: Rana Adib

Executive Director, REN21 – Renewable Energy Network for the 21st Century

- 11:30-11:40** Overview Presentation
Rana Adib, Executive Director, REN21
- 11:40-12:25** Panel discussion 1
The Role of Cities in the Energy Transition and the Need for Multi-Level Collaboration
- 12:25-13:10** Panel discussion 2
The Role of Buildings: Decarbonizing Heat to Advance the Urban Energy Transition
- 13:15** End of Conference

Lunch

Panelists will be announced soon.

