



as of 26 September 2022



Session Introduction: With global commitment toward Carbon Neutrality at 26th UN Climate Change Conference of the Parties (COP26) in Glasgow, UK, many decarbonization actions have focused on energy production & use (industry, transport, building) due to its three-fourth fraction of world Greenhouse Gas (GHG) emission. Energy transition is often considered to transform existing energy system into lower carbon intensive scenarios. This session will highlight key aspects to unlock energy transition toward Carbon Neutrality in APEC region.

Speakers:

- 01:30 pm. - 01:50 pm. **Overview of Energy Decarbonization through BCG (Bio-Circular-Green) Economy Principle**
By Dr. Nuwong Chollacoop, Director of Low Carbon Energy Research Group, National Energy Technology Center (ENTEC), Thailand
- 01:50 pm. - 02:10 pm. **UNEP Initiatives on Circular Economy toward Carbon Neutrality**
By Dr. Mushtaq Memon, Regional Coordinator for Chemicals and Pollution Action, United Nations Environmental Programme (UNEP)
- 02:10 pm. - 02:30 pm. **Green Transformation (GX) Strategy toward Carbon Neutrality**
By Mr. Izuru Kobayashi, Deputy Commissioner for International Affairs, Agency for Natural Resources and Energy (ANRE), Ministry of Economy, Trade and Industry (METI) Japan
- 02:30 pm. - 02:50 pm. **US Initiatives on Sustainable Aviation Fuel**
By Prof. Scott Turn, Hawaii Natural Energy Institute (HNEI), University of Hawaii, The United States
- 02:50 pm. - 03:10 pm. **Energy Resilience for Sustainable Energy Infrastructure**
By Ms. S. Magnolia B. Olvido, Supervising Science Research Specialist, Energy Resiliency and Planning Section, Policy Formulation & Research Division, Energy Policy and Planning Bureau, Department of Energy, The Philippines
- 03:10 pm. – 03:30 pm. **Solar Campus for Sustainable Environment (TBC)**
By Assoc. Prof. Ir. Dr. Nofri Yenita Dahlan, Director of Solar Research Institute, Universiti Teknologi MARA (UiTM), Malaysia
- 03:30 pm. – 04:00 pm. Q & A

Moderator: Dr. Nuwong Chollacoop, Director of Low Carbon Energy Research Group, National Energy Technology Center (ENTEC), Thailand