

ASEAN Sustainable Energy Week 2023 (ASE2023)

The 19th Renewable Energy Asia International Conference “The Role of Private Sector in Carbon Neutrality Transition in ASEAN”

Wednesday, 30 August 2023

At Queen Sirikit National Convention Center

Opening Ceremony

- 09:00-09:30 Arrival of attendees
- 09:30-09:35 Report on the Objective of ASEAN Sustainable Energy Week, Electric Vehicle Asia and Pumps and Valves Asia 2023
Mr. Manu Leopairote
Chairman of Informa Markets - Thailand
- 09:35-09:40 Report on the Objective of Organising 8th International Electric Vehicle Technology Conference and Exhibition (iEVTech 2023)
Mr. Krisda Utamote
President of Electric Vehicle Association of Thailand
- 09:40-09:45 Report on the Objective of Organising International Conference-Renewable Energy Asia Conference 2023
Prof. Dr. Navadol Laosiripojana
Director of the Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi
- 09:45-09:50 Welcoming Remark
Assoc. Prof. Dr. Suvit Tia
President of King Mongkut's University of Technology Thonburi (KMUTT), Thailand
- 09:50-09:55 Welcoming Remark
Mr. Chiruit Isarangkun Na Ayuthaya
President, Thailand Convention and Exhibition Bureau
- 09:55-10:15 Opening Remark and Keynote Address “The role of government in enabling private sector in clean energy transition”
Mr. Kulit Sombatsiri
Permanent Secretary, Ministry of Energy in Thailand
- 10:15-10:20 Official Opening Ceremony and Photo Caption
- 10:20-10:25 Presenting “Sustainability Excellence Awards” and Photo Caption
- 10.15-10.30 Coffee Break

Plenary Session: The Role of Private Sector in Carbon Neutrality Transition in ASEAN

Room: MR 111

- Chairperson: **Assoc. Prof. Dr. Savitri Garivait**
The Joint Graduate School of Energy and Environment (JGSEE),
King Mongkut's University of Technology Thonburi (KMUTT)
- 10.30 – 10.50 **IRENA Tools in Mobilizing Private Investment in Clean Energy**
Mr. Chandrakant Ingole, Project Facilitation and Support, Technical Assistance and
Advisory Services Programme Officer, IRENA, Abu Dhabi, United Arab Emirates
- 10.50 – 11.10 **Thailand's New PDP to Meet Carbon Neutrality Target**
The Energy Policy and Planning Office (EPPO), Thailand
- 11.10 – 11.30 **The Role of Private Actors in Clean Energy Transition in ASEAN**
Dr. Nuki Agya Utama, Executive Director, ASEAN Center of Energy (ACE), Indonesia
- 11.30 - 11.50 **FTI or RE 100 company (representative for private sector) (TBC)**

Afternoon: Parallel Sessions

Session I: Green Hydrogen and CCUS Technology
Room: MR 109AB

Chairperson: **Prof. Dr. Navadol Laosiripojana**
The Joint Graduate School of Energy and Environment (JGSEE),
King Mongkut's University of Technology Thonburi (KMUTT)

13.30 – 14.00 Green Hydrogen for Industries: A Guide to Policy Making
Mr. Emanuele Bianco, Program Officer, KPFC, IRENA

14.00 – 14.30 **Carbon Capture and Utilization**
Assoc. Prof. Dr. Pattaraporn Kim
Department of Chemical Engineering, Chulalongkorn University, Thailand

14.30 – 14.40 Coffee break

14.40 – 15.10 **Bio-Energy Carbon Capture Utilization and Storage (BECCUS)**
Dr. Verawat Champreda
The National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand

15.10 – 15.40 TBD

15.40-16.10 **CCUS Technology: Case study in Canada**
Dr. Puttipong Tantikhajongosol,
The International CCS Knowledge Centre, Canada

Session II: Industrial decarbonization towards a low-carbon future.

Room: 107

Chairperson: **Assoc. Prof. Dr. Pipat Chaiwiwatworakul & Assoc. Prof. Dr. Nakorn Worasuwanarak**
The Joint Graduate School of Energy and Environment (JGSEE),
King Mongkut's University of Technology Thonburi (KMUTT)

13.30 – 14.00 **Topic :**
The Siam Cement Group (SCG) Public Company Limited, Thailand (TBC)

14.00 – 14.30 **Topic :**
PTT Public Company Limited, Thailand (TBC)

14.30 – 14.40 Coffee break

14.40 – 15.10 **Topic :**
Dr. Nawin Viriya-empikul
National Science and Technology Development Agency (NSTDA) (TBC)

15.10 – 15.40 **Topic :**
Western Digital (TBC)

15.40-16.10 **Topic :**
Delta Electronics (TBC)

Session III: ASEAN Climate Actions towards Carbon Neutrality (TBC)

Room: MR 109H

Chairman: **Assoc. Prof. Dr. Amnat Chidthaisong,**
The Joint Graduate School of Energy and Environment (JGSEE),
King Mongkut's University of Technology Thonburi (KMUTT)

13.30 – 14.00 **Updates on the Implementation of the Paris Agreement**
UNFCCC/ESCAP/UNDP/UNEP (TBD)

14.00 – 14.30 **ASENA Climate Policy to Implementation & outlook**
ASEAN secretary (TBD)

14.30 – 14.40 Coffee break

14.40 – 15.10 **Thailand LT-EDS Mitigation Roadmap towards Neutrality and Net Zero**
ONEP (TBD)

15.10 – 15.40 **Climate actions in Livestock Industry**
Thai Livestock Technical Consortium for Climate Neutrality (TBD)

15.40-16.10 **Roles of Crediting Mechanism and Carbon Neutrality**
TGO (TBD)

Session IV: Electricity Market and carbon credit mechanism

Room: MR 109E

- Chairman: **Dr. Athikom Bangviwat**
The Joint Graduate School of Energy and Environment (JGSEE),
King Mongkut's University of Technology Thonburi (KMUTT)
- 13.30 – 14.00 **Investment Promotion for Clean Energy in Thailand (Tentative)**
Ms. Suweda Thunyawong, Thailand Board of Investment, Thailand (To Be Confirmed)
- 14.00 – 14.30 **Carbon Credit Certification in Thailand (Tentative)**
Ms. Puttipar Rotkittikhun, Director of Carbon Credit Certification Office, Thailand
Greenhouse Gas Management Organization, Thailand (To Be Confirmed)
- 14.30 – 14.40 Coffee break
- 14.40 – 15.10 **Digital Platform for Eco Factory (Tentative)**
Mr. Somchai Wangwattanapanich, Director of Water and Environment Institute for
Sustainability, The Federation of Thai Industries, Thailand (To Be onfirmed)
- 15.10 – 15.40 **RE-organising the power systems for the transition**
(Based on: <https://www.irena.org/publications/2022/Jun/RE-organising-Power-Systems-for-the-Transition>)
Mr. Emanuele Bianco, Program Officer, KPFC, IRENA
- 15.40-16.10 **Resource Planning Model for Regional Power System (Tentative)**
Ms. Elaine T. Hale, Ph.D., Senior Engineer, Strategic Energy Analysis Center, NREL (To Be Confirmed)

Session V: Decarbonization in Transport

Room: MR 109 CD

- Chairman: **Assoc. Prof. Dr. Yossapong Laonual**
Mobility & Vehicle Technology Research Center (MOVE)
- 13.30 – 14.00 **Dr. Santi Charoenpornpattana**
President
Rail Technology Research and Development Agency (Public Organization), Ministry of
Transport, Thailand
- 14.00 – 14.30 **Policy Options to Decarbonize Passenger Transport in Asia-Pacific**
Dr. Madan B. Regmi
Transport Research and Policy Section, Transport Division
Economic and Social Commission for Asia and the Pacific (ESCAP), United Nations
Thailand
- 14.30 – 14.40 **Coffee break**
- 14.40 – 15.10 **Mr. Thanet Chanchareon**
Senior Vice President- Nebula
Magnolia Quality Developments Corporation (MQDC)
Thailand



15.10 - 15.40

Energy Choices for Urban Mobility in Thailand / ASEAN countries

Mr. Alok Jain
CEO and Managing Director
Trans-Consult Ltd.
Hong Kong

15.40-16.10

Mr. Krit Vichaiwatanapanich

Co-Founder & CEO
Hauptcar Co. Ltd.
Thailand

