

Strategic Priorities for Adoption of Emerging Technologies in the Energy Sector for Climate Change Mitigation

[Side event of the 78th session of the Economic and Social Commission for Asia and the Pacific (ESCAP)]

Jointly organized by:

Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, Government of India, and Asian and Pacific Centre for Transfer of Technology (APCTT) of the United Nations ESCAP

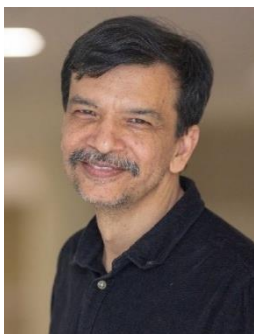
24 May 2022 (Virtual), Time: 12:45 – 13:45 (Thailand Time - GMT +7.0)

PANELISTS



Dr. Ajay Mathur is the Director General, International Solar Alliance. Prior to joining ISA, Dr. Mathur was Director General of The Energy and Resources Institute (TERI). He was co-chair of the global Energy Transitions Commission, and of the Clean Cooling Initiatives of the One Planet Summit. He earlier headed the Indian Bureau of Energy Efficiency, and was responsible for its foundational programmes which mainstreamed energy efficiency through initiatives such as the Star Labeling programme for appliances, the Energy Conservation Building Code, and the Perform, Achieve & Trade programme for energy-intensive industries. He was appointed a *Chevalier de l'Ordre national du Merite* by the President of France in recognition of his outstanding commitment to the preservation of the environment and coping with energy-related challenges.

Dr. Rose Mwebaza (PhD) is the Director and Advisory Board Secretary, Climate Technology Centre & Network (CTCN) and has 20 years of experience providing policy advice on a wide range of climate change, environment and sustainable development issues. She has previously served as Chief Natural Resources Officer at the African Development Bank, and held leadership positions within the UN Development Programme. Dr. Mwebaza was a Lecturer at Makerere University, Kampala, Uganda, for 10 years, serving as the Head of Department for Commercial Law, and Deputy Dean of the Law School. Rose holds a PhD in Environment and Natural Resource Governance from Macquarie University, Sydney, Australia; a Master's Degree in International Comparative Law (With a Certificate of Academic Excellence) from the University of Florida, USA and a Bachelor of Law Degree (LL.B, Hons.) from Makerere University, Kampala, Uganda.



Prof. Rangan Banerjee, is the Director of Indian Institute of Technology (IIT) Delhi. He served as the Forbes Marshall Chair Professor, Department of Energy Science and Engineering, IIT Bombay. He served in IDP in Energy Systems Engineering, IIT Bombay in different capacities such as Professor, Associate Professor, and Assistant Professor. He was a Visiting Faculty at Department of Engineering and Public Policy, Carnegie Mellon University, Pittsburgh, PA, USA (1997, 1998, 1999 & 2003 Summer). His areas of interest are Energy Management & Energy Efficiency, Demand Side Management, Energy Modelling, Power Systems Planning, Cogeneration, Energy Planning and Policy, Technology assessment and forecasting, Fuel cell / Hydrogen storage. He is a Fellow of

the Indian National Academy of Engineering. Prof. Banerjee is also an Adjunct faculty (Honorary) in the Department of Engineering & Public Policy, Carnegie Mellon University.

Prof. Pinakeswar Mahanta is currently holding the position of the Director and affiliate Professor in Mechanical Engineering at National Institute of Technology, Arunachal Pradesh. He was a Professor in the Department of Mechanical Engineering, IIT Guwahati. His major area of research is on thermodynamics, heat transfer and renewable energy. He has established an international platform for research in the area of bio-energy with University of Nottingham, University of Birmingham, and Loughborough University, UK. Similarly, he has established collaboration in the field of clean coal technology with University of Cranfield, UK and UCL, Belgium. He has published more than 157 papers in internationally reputed peer reviewed journals and supervised 15 PhDs.

