5th Energy Finance Conference, India
Theme: Decarbonising The Energy Sector
18-19 January, 2024 | Venue: IGCS Hall, IIT Madras

Organised by: Centre for Financial Accountability, Indo-German Centre for Sustainability, IIT-M
Knowledge Partner: Climate Trends

SESSION DETAILS
Day 1
18 January 2024, Thursday

10.00 am - 11.30 am
Session 1: Inaugural Session
Moderator: Prof. INDUMATHI NAMBI, Professor, Environment and Water Resources Division, Department of Civil Engineering, IIT Madras

• Welcome Address:
  MAJU VARGHESE, Centre for Financial Accountability
• Opening Remarks:
  Dr. KRISHNA VASUDEVAN, Professor, IIT Madras, Department of Electrical Engineering
• Introduction to the Conference:
  JOE ATHIALY, Centre for Financial Accountability
• Keynote Address:
  Dr. VANDANA SHIVA, Navdanya International

11.30 am – 12.00 pm: Tea Break

12.00 pm - 1.30 pm
Session 2: Policy On Decarbonising The Energy Sector In India
Moderator: Dr. NIKHIL TAMBE, CEO, Energy Consortium, IIT Madras

• Current policy regime governing decarbonisation in India
  SWATHI SESHADRI, Centre for Financial Accountability
• Steps by the Industry: lessons learned and challenges faced
  PRABHAJIT KUMAR SARKAR, Founder and CEO, Ampera Energy Pvt. Ltd
• Imperatives for a national mitigation plan in India: A sectoral perspective
  AVANTIKA GOSWAMI, Program Manager, Climate Change Programme, Centre for Science and Environment
1.30 pm - 2.30 pm: Lunch Break

2.30 pm - 4.00 pm
Session 3: Decarbonising the Power Grid

Moderator: Dr. ARUN KARUPPUSAMY, Assistant Professor, Department of Electrical Engineering, IIT Madras

- Decarbonising the energy grid in India and the challenges faced specifically the role of energy efficiency and smart metering in decarbonising the grid
  SHWETA KULKARNI, Fellow, Prayas Energy Group

- Rooftop Solar and Group Captive Solutions
  ARUN KUMAR MURUGAN, Lead- Business Development, Tata Power

- Challenges to Decarbonising of Grid and Support through Vehicle 2 Grid
  CHANDRASHEKHWAR CHINCHOLKAR, Director - Corporate Advisory, Customized Energy Solution

- Nuances of 'Decarbonising the Grid', exploring aspects of governance, finance and interventions beyond renewables
  SIMRAN GROVER, Founder and CEO of the Centre for Energy, Environment, and People

4.00 pm - 4.30 pm: Tea Break

4.30 pm - 6.00 pm
Session 4: Role Of Technological Innovation In Decarbonising The Energy Sector

Moderator: ANITHA SAMPATH, Centre for Financial Accountability

- Minding the gap: Emerging critical technology in decarbonizing
  Dr. SATYANARAYANAN SESHADRI, Associate Professor, Department of Applied Mechanics, Indian Institute of Technology, Chennai

- How much technological innovations address emissions from the industry, their implications and a way forward
  SUNIL DAHIYA, Centre for Research on Energy and Clean Air

- Technological innovation in the coal sector
  MARIA CHIRAYIL, Senior Research Associate, Prayas Energy Group
10.00 am - 11.30 am
Session 5: New Materials And Emerging Economics In The Context Of Decarbonisation

Moderator: Dr. TIJU THOMAS, Associate Professor, Department of Metallurgical and Materials Engineering

- Alternatives to fossil fuel industry
  AMIR BAZAZ, Sr. Lead – Practice, Indian Institute of Human Settlements

- Transition minerals on the road to curb carbon emissions
  SOUMYA DUTTA, Trustee -- MAUSAM (Movement for Advancing Understanding of Sustainability And Mutuality), Former Member-Advisory Board, UN Climate Technology Centre and Network. Co-convener: South Asian People's Action on Climate Crisis (SAPACC), Founding member – India-Climate-Justice (ICJ).

- Emissions accounting and its role in emission reduction
  Dr. MANISH KUMAR, Director (Research & Development), CEED-India

11.30 am – 12.00 pm: Tea Break

12.00 pm - 1.30 pm
Session 6: Financing Decarbonising The Energy Sector In India

Moderator: Com. THOMAS FRANCO, former general secretary of All India Bank Officers Confederation

- Green Finance: Challenges and Way Forward
  ANIRUDDHA BANERJEE, Chief General Manager (F&A), Head Finance- Strategy & Corporate Affairs, ONGC India

- The banking sector in India and their current and potential role in financing decarbonisation
  SURANJALI TANDON, Associate Professor, National Institute of Public Finance and Policy

- Market based mechanisms for decarbonising the energy sector
  SHANTANU SRIVASTAVA, Sustainable Finance and Climate Risk Lead, South Asia, IEEFA

- Indian Banks/FIs & 'Decarbonisation': Mapping the Evolving Regulatory Space
  AMITANSHU VERMA, Centre for Financial Accountability
1.30 pm - 2.30 pm: Lunch Break

2.30 pm - 4.00 pm
Session 7: International Instruments On Decarbonisation And Its Implication For India

Moderator: Dr CHARUTA KULKARNI, Principal Scientist, School of Sustainability, IIT Madras

- International trends in Decarbonising and its influence on India
  SOUMYA DUTTA, Trustee -- MAUSAM (Movement for Advancing Understanding of Sustainability And Mutuality), Former Member-Advisory Board, UN Climate Technology Centre and Network. Co-convener: South Asian People's Action on Climate Crisis (SAPACC), Founding member – India-Climate-Justice (ICJ)
- Article 6, Carbon Markets and International Climate Finance
  MARIE STJERNQUIST DESATNIK, Senior Climate Policy Advisor, Swedish Society for Nature Conservation
- Whither climate justice?: A reporting on the Global Plastics Treaty negotiations
  SWATHI SESHADRI, Centre for Financial Accountability

4.00 pm - 4.30 pm: Tea Break

4.30 pm - 6.00 pm
Session 8: Sectors In Focus: Steel, Cement, Agriculture

Moderator: Dr. RAJNISH KUMAR, Professor, Department of Chemical Engineering, IIT Madras

- Evaluating Net-zero for the Indian Steel Industry
  SABARISH ELANGO, Programme Associate, Council on Energy, Environment and Water
- Decarbonizing India’s Cement Sector
  PARTH KUMAR, Program Manager, Industry Unit, Centre for Science and Environment
- Decarbonisation or de-chemicalisation - priority for agriculture?
  NARASIMHA REDDY DHONTI, Public Policy Expert

6.00 pm - 6.30 pm
Closing Session

- Closing Remarks
  Dr. KRISHNA VASUDEVAN, Professor, IIT Madras, Department of Electrical Engineering
  ANITHA SAMPATH, Centre for Financial Accountability
- Vote of Thanks
  CHYTHENYEN DK and DEEPMALA PATEL, Centre for Financial Accountability