

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**
CHANDRASHEKHAR 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-convenor: 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-convenor: 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