



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry

IMPROVING THE ENVIRONMENTAL PERFORMANCE OF COAL UTILITY PLANTS

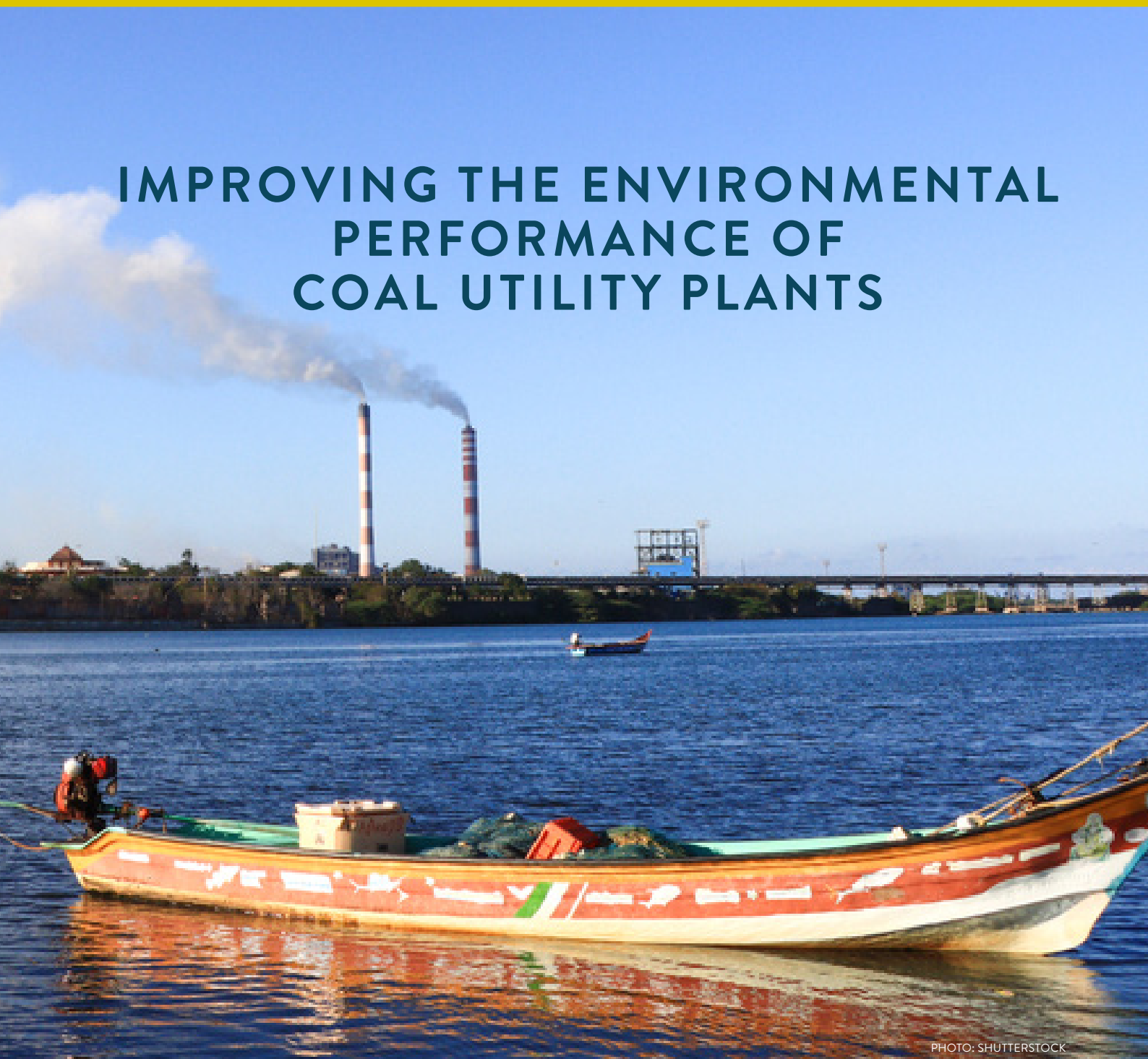


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VENUE: HOTEL RAMADA PLAZA, CHENNAI
THURSDAY 3 & FRIDAY 4 AUGUST 2023

DAY 1: THURSDAY – 3 AUGUST 2023

09:30-10:30 OPENING SESSION

- 09:30-09:35** **Welcome address**
SHASHI KALA AGRAWAL, SENIOR COUNSELLOR, CII-GODREJ GBC
- 09:35-09:45** **Special address**
D RAJENDRAN, DIRECTOR, GENERATION, TANGEDCO
- 09:45-10:05** **The challenge for India to meet environmental goals**
DR LESLEY SLOSS, INTERNATIONAL PROJECT MANAGER
INTERNATIONAL CENTRE FOR SUSTAINABLE CARBON (ICSC)
- 10:05-10:25** **Emissions from Indian power sector and its control techniques**
MARIMUTHU K, ASSOCIATE COUNSELLOR, CII-GODREJ GBC
- 10:25-10:30** **Concluding remarks**
SHASHI KALA AGRAWAL, SENIOR COUNSELLOR, CII-GODREJ GBC

10:30-10:50 Coffee break

10:50-11:30 SESSION 1: ENVIRONMENTAL POLICY

- 10:50-11:30** **Rationale behind evolving emission standards in the thermal power sector**
DR N R SAHOO, CHIEF ENVIRONMENTAL ENGINEER, SPCB ODISHA

11:30-15:30 SESSION 2: PLANT OPERATION AND BIOMASS COFIRING

- 11:30-12:15** **CCUS in coal-fired power plant – NTPC experience**
SUJAY KARMAKAR, GM, NTPC LTD
- 12:15-12:45** **Fuel quality – plant operation and emission reduction**
ROD HATT, COAL COMBUSTION INC, USA
- 12:45-13:15** **Biomass cofiring for emission reduction**
PROF JENNY JONES, UNIVERSITY OF LEEDS

13:15-14:00 Lunch break

- 14:00-14:45** **The challenge of firing biomass with Indian high ash coals**
ROD HATT, COAL COMBUSTION INC, USA
- 14:45-15:30** **Emission control in pulverized coal thermal power plants through fuel switching**
AMIT KULSHRESHTHA, AMITY UNIVERSITY AND GM, NTPC LTD
DR KANCHAN SAXENA, AMITY UNIVERSITY

15:30-15:45 Coffee break

15:45-16:30 SESSION 3: PM, NO_x AND SO_x CONTROL SYSTEMS

- 15:45-16:30** **Experience of NO_x control technologies**
R MURALI KRISHNAN, L&T MHI POWER
- 16:30-17:15** **NO_x control for high ash coals**
ROD HATT, COAL COMBUSTION INC, USA

17:15 End of day



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DAY 2: FRIDAY – 4 AUGUST 2023

09:30-14:45 SESSION 4: ADVANCED MULTIPOLLUTANT CONTROL SYSTEMS

09:30-10:15 **High voltage transformer rectifiers for ESP applications**
ANIL SUTAR, HEAD – BUSINESS DEVELOPMENT, MARSULEX
ENVIRONMENTAL TECHNOLOGIES

10:15-11:00 **Combustion optimization for NOx control**
ANJAN KUMAR SINHA, INTERTEK

11:00-11:15 **Coffee break**

11:15-12:00 **SO₂ controls for high ash coals**
ROD HATT, COAL COMBUSTION INC, USA

12:00-12:30 **Sorbent polymer catalyst based multipollutant absorption technology**
PRABHAT VERMA, FUTURISTIC TECHNOLOGY SOLUTIONS

12:30-13:15 **BAT/BEP for mercury control**
DR LESLEY SLOSS, ICSC, UK

13:15-14:00 **Lunch break**

14:00-14:45 **CCUS in India**
SOMALI ROY, PHD, RESEARCH FACULTY, IIT BOMBAY

14:45-15:30 SESSION 5: ASH MANAGEMENT AND UTILISATION

14:45-15:30 **Potential for high-value end uses for Indian coal ash**
WOJ JOZEWICZ, AEA, USA

15:30-15:45 **Coffee break**

15:45-17:15 SESSION 6: EMISSIONS AND INVENTORIES

15:45-16:30 **Compliance emission monitoring**
SANJEEV KANCHAN, CEEW

16:30-17:15 **UNEP BAT/BEP and estimating mercury emissions from plant data
– live training**
WOJ JOZEWICZ, AEA, USA

17:15 **End of event**



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