

International Bio-Energy Conference 2025

At Renewable Energy India Expo

Date: 01/11/2025

Venue: India Expo Centre, Greater Noida, Uttar Pradesh

Agenda

S. No.	Time (IST, GMT+0530 Hours)	Theme	Agenda	Speakers
S0.	9:30 AM to 10:30 AM	Digestate as Fertilizer	FOM 360°: Technology, Quality, and Market (Brainstorming Session — By Invitation Only) Venue: Board Room	
Inauguration				



#GOPI

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S1.	11:00 AM to 12:15 PM	CBG	Policy, Pricing, and Procurement Framework for CBG - Evaluate current pricing structures, procurement rates, and offtake guarantees to ensure financial viability Review of Revised Procurement Price: Industry feedback - Challenges in long-term offtake agreements - Role of GAIL and CGD entities in supporting demand, status of CBG blending - Suggestions on uniformity in pricing and transport cost support - Fermented organic manure commercialization, MSP or assured procurement mechanism State-Level Incentives & Ease of Doing Business: Harmonizing state bioenergy policies with central schemes and fast-tracking land and utility clearances	Moderator: Dr. Gaurav Mishra, Sr. Director / Scientist-F, MNRE Panelists: S. N. Yadav, Executive Director, GAIL (India) Limited Dr. Pankaj Sharma, Former Additional Director, PPAC Rajesh K. Mediratta, MD & CEO, Indian Gas Exchange Ltd Lav Kumar, Additional Director, Centre for High Technology Dr. Umish Srivastva, Executive Director (TPF), Indian Oil Corporation Limited
S2.	12:15 PM to 1:30 PM	Policy & Finance	Financing and Approvals – Enabling CBG Project Execution Viability Gap Funding (VGF): Role of central/state schemes in providing capital subsidy for projects to ensure IRR parity with solar/wind Model Detailed Feasibility Reports for harmonization and uniformity Green Bonds & Carbon Finance: Leveraging carbon credits and sovereign green bonds for additional revenue and climate alignment- An Indian perspective	Moderator: Rakesh K Jha, Partner, BDO India Services Private Limited (BISPL) Panelists: Ravi Kaushal, Assistant General Manager, State Bank of India Nikhil Khot, National Project Coordinator, UNIDO Arvinder Singh, Managing Partner, Finsmart Advisory

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		• Institutional Finance & NBFCs: Engaging SIDBI, NABARD, and specialized green finance institutions to offer term loans with extended moratoriums • Streamlining Statutory Clearances: One-stop approval portals for environmental, fire, PESO and CPCB/NPCB certifications • Insurance & Risk Guarantees: Role of credit enhancement instruments to de-risk lenders from technology, offtake, or feedstock volatility • Role of Decentralized Projects: Small scale biogas plants	• Omkar Srivastava, Manager, Canara Bank • Anant Bhardwaj, Lead – Renewable Energy, AU Small Finance Bank Ltd.
S3.	2:30 PM to 3:45 PM	Energy Transition	CBG’s Role in India’s Energy Transition • Building Sustainable Supply Chains for CBG: Biomass logistics and feedstock security, Agri-residue mapping and regional supply trends, Role of FPOs and decentralized procurement, logistics, contract frameworks, and price stability • CBG Potential from Urban & Industrial Waste: Urban Resource Integration (MSW, STP sludge, and food waste), Industrial waste streams (food processing, distilleries, dairies), Public-private partnerships and waste aggregation infrastructure, Role of ULBs, Smart Cities, and industrial waste compliance • CBG Offtake and Distribution Infrastructure: Role of CGD players and OMCs in securing offtake, Challenges in Evacuation through Trunk Pipeline, Quality Assurance in Moderator: • Anup Barapatre, Principal, EAC International Consulting Panelists: • Atul Kharate, Chief Operating Officer, IndianOil Adani Ventures Limited • Ankita Vidhyarthi, Scientist-D, Bureau of Indian Standards • Srinivas Kasulla, CEO, Arka BRENStech Pvt Ltd • Sandip Kataria, Area Sales Manager, FAN Separator • Sunil K.M., Director, KIS Group • Shantanu Aggarwal, Director, Bharti Waters Private Limited • Mohit Gupta, COO, GPSR Arya Pvt. Ltd.

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			CBG, Compression, bottling, and transportation challenges, Gas trading markets and pricing transparency • Vision to Viability: Developer's journey in CBG sector from waste to wealth	• Dr. Jing Liu, CEO & Board Director, BPC Instruments
S4.	3:45 PM to 5:00 PM	Technologies	Technical Innovations and R&D – Accelerating Efficiency and Scalability • Pre-treatment Technologies: Innovations in thermal, enzymatic, and chemical pre-processing to reduce retention time and enhance methane production • Multi-feedstock Digesters: Advanced anaerobic digestion systems that handle mixed feedstocks (MSW + agri + dung + food waste) with higher gas yields • IoT & SCADA Integration: Use of digital twins, real-time monitoring of digester health, and predictive maintenance in modern CBG plants • FOM Enhancement: R&D in improving quality and market acceptance of LFOM/FOM and creating custom blends for horticulture and organic agriculture. • Grid Injection & Upgrading Systems: Technologies enabling CBG grid injection and compliance with BIS standards for mobility-grade CBG • Scaling up Innovations • Value added Derivatives from Biogas: DME, Methane, Ammonia, Bio-Hydrogen, Alternative Biofuels	Moderator: • Col. Rohit Dev, Expert Advisor – Indian Biogas Association Panelists: • Tanuj Sharma, Senior Assistant Vice President, Invest India • Florian Wüeck, Head of Sales, ARMATEC-FTS Germany • Dr. Sachin Kumar, Associate Professor, Harcourt Butler Technical University • Jitender Narayan, Founder & CEO, KEC Agritech Pvt. Ltd. • Rajeev Verma, Founder & CEO, TECHMARK Engineers & Consultants • Vivek Taneja, Managing Director, SUMA Agitator Technology Pvt. Ltd. • Kerim AKMAN, Consultant, Rieckerman GmbH • Suchit Dekivadia, CEO, NetXeroC Private Limited • Mohan N S, CEO, SLPP RENEW LLP • Mr. Nitin Gupta, STEER World, Global CEO & Executive Director

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