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India's Biogas Decade - From Vision to Global Leadership

# **PROGRAMME**

# DAY 1 Wednesday, 3 December 2025 08:00 to 17:30

08:00 - 09:00	Registration & Networking Main Hall (Jacaranda)	
09:00 - 10:00	Inaugural Plenary Session Fueling India's Biogas Decade	
	Theme: India as a global leader in climate solutions / Biogas as a key driver for energy security, clean energy, waste management, and circular economy	
	Objectives: Sets the tone for India's biogas decade, outlining its role in achieving net- zero while promoting energy security, energy transition, waste management, circular economy and building global partnerships and alliances	
	<ul> <li>Chaired by:</li> <li>Ms. Charlotte Morton OBE, Chief Executive Officer, World Biogas Association (WBA)</li> </ul>	
	<ul> <li>Speakers:         <ul> <li>Mr. Meenesh Shah, Chairperson, National Dairy Development Board (NDDB)</li> <li>Ms. Mary Burce Warlick, Deputy Executive Director, International Energy Agency (IEA)</li> <li>Ms. Gauri Singh, Deputy Director General, International Renewable Energy Agency (IRENA)</li> <li>Mr. Tarun Kapoor, Advisor to Hon'ble Prime Minister, Government of India</li> <li>Mr. Pankaj Jain (IAS), Secretary, Ministry of Petroleum &amp; Natural Gas (MoPNG), Government of India</li> </ul> </li> </ul>	

10:00 - 10:30	Coffee Break & Networking	
	Policy & Leadership Track Main Hall (Jacaranda)	Technical Track Gulmohar Hall
10:30 – 11:30	Delivering on India's Biogas Vision – Making Biogas Happen Programme  Theme: Innovative Programmes & Policies, National Blending Targets, National Gas Grid, and Distributed Supply Chain	
	Objectives: Aligning policy and regulatory frameworks, standards, and certification with market mechanisms to create a high performing, sustainable, and scalable CBG industry ecosystem in India	
	<ul><li>Chaired by:</li><li>Dr. Pradeep Monga, Senior Advisor &amp; Policy Director, WBA</li></ul>	
	<ul> <li>Speakers</li> <li>Mr. Ashish Kumar, Chief Executive         Officer, VERBIO</li> <li>Mr. Jagjeet Sareen, India-Head, Dalberg         Advisors</li> <li>Col. Rohit Dev, Founder, Reveille         Energy</li> <li>Mr. Mahesh Girdhar, Managing         Director &amp; Chief Executive Officer, Ever         Enviro Resource Private Ltd.</li> </ul>	
11:30 – 12:30	India's Leadership in delivering on the Global Biogas Agenda  Theme: India's ambitious biogas targets, leadership in the Global Biofuels Alliance (GBA) and contributing to Net Zero and Energy Security (COP 30 outcomes)  Objectives: Showcasing India's ambitions and strategies to lead biogas agenda globally, contributing to GBA, promoting biogas as part of Net Zero strategies, energy security, and linking with the COP 30 Outcomes  Chaired by:	10:30 – 13:00  Workshop #MBH: Global Biogas Regulatory Framework (GBRF)  Implementing Global Policies and Regulatory Frameworks to unlock Biogas potential in India  Theme: A global framework that encompasses all the policies, regulations, and standards necessary to consolidate a high-performance biogas sector at the national level
	Dr. Vibha Dhawan, Director General, The Energy Resource Institute (TERI)	Objectives: Introduce the nine pillars from the MBH project that will provide

#### delegates an understanding of a range of key deliverables under the GBRF and Speakers: highlight the needs of its implementation • Mr. Sanjay Ganjoo, Director General, Indian Federation of Green Energy with a suitable and cohesive action plan (IFGE) • Dr. Shantanu Gupta, Director Technical, Speakers: Global Biofuels Alliance (GBA) • Mr. Flávio Ascenco, Senior Technical • Mr. Gaurav Kedia, Chairman, Indian Lead, WBA Biogas Association (IBA) Dr Sarah Letsinger, MBH Policy Lead, • Mr. Atul Kharate, Chief Operating **WBA** Officer, Indian Oil Adani Venture • Mr Ashish Chutani, National Policy Head, Maruti Suzuki India Ltd. 12:30 -Fireside Chat 13:00 City Gas to Green Gas: Roadmap for a **Biomethane-Driven Future** Moderator: • Ms. Charlotte Morton OBE, Chief Executive, WBA Speakers: • Mr. Ashu Shinghal, MD, Mahanagar Gas • Mr. Satyan Kumar, CEO, ONGC Green 13:00 -**Lunch & Networking** 14:00 State and Sectoral Action Plans, Policies, 14:00 -Technical Panel 15:00 Sustainable Fuels of the Future -& Standards Biomethane, rDME, BioLPG & Hydrogen Theme: Accelerating integration of state and sectoral action plans, policies, and Theme: Emerging fuels such as Biomethane, standards rDME, BioLPG, and hydrogen co-production and pathways through hybrid biogas plants. Objectives: Discussing how state level biogas action plans can facilitate adoption Objectives: Introducing next-gen of key elements of ADCS International, technologies to diversify India's biofuel unlock investments, promote sustainable portfolio and support clean energy supply chains, and create robust biogas transitions. Integration of innovative markets at the state level technologies for multiple clean energy outputs. Chaired by: • Dr Anil Jain, Chairperson PNGRB – Chair Chaired by: Dr. SSV Ramkumar, Executive Vice **Speakers:** President, AM Green Mr. Sanjay Bandopadhyaya, Member, Supreme Court Committee on Road Speakers: Safety & Chairperson, Green Transport • Mr. Satinder Pal Singh, Managing & Mobility Committee, Indian Director – LanzaTech, Federation of Green Energy (IFGE)

- Mr. Ajay Shukla, Managing Director, Madhya Pradesh New and Renewable Energy Department
- Dr. Suresh Chandra Sharma, Former Officer on Special Duty, Energy and Climate Change, Niti Aayog, Government of India
- Mr. Shivshankar. L, KKS, Managing Director, Karnataka State Bioenergy Development Board (KSBEB)

- Mr. Jagjeet Sareen, India-Head, Dalberg Advisors
- Mr. Flávio Ascenco, Senior Technical Lead, WBA
- Mr. Yash Aggarwal, Co-founder, Carbonetics Carbon Capture

# 15:00-16:00

# **Cities Driving the CBG Revolution**

<u>Theme:</u> Urban MSW, STP sludge, and wastewater integration / Scaling state-level pipelines and investor-ready projects

<u>Objectives:</u> Highlighting how cities are enabling localized waste management and clean energy ecosystems, attracting investments, and promoting public private partnerships.

#### Chaired by:

 Mr. Shishir Priyadarshi, President, Chintan Research Foundation

#### Speakers:

- Mr. Shashi Shekhar, Former Secretary, Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India
- Dr. N.P Singh, Advisor, United Nations Industrial Development Organization (UNIDO) India
- Mr. Shivam Verma, IAS, Municipal Corporation, Indore
- Mr. Kiran Dighavkar, Dy Municipal commissioner, Mumbai
- Mr. Kalpesh Kumar, Chief Executive Officer, REFEX, Chennai

#### **Technical Panel**

Social and Economic Impacts of Biogas Industry

<u>Theme:</u> Biogas Industry empowering women, creating jobs, clean cooking opportunities, and improving resilience of communities

Objectives: Identifying opportunities to empower women as entrepreneurs, skilled work force, and beneficiaries in the biogas ecosystem, creating employment opportunities through supply chain, clean cooking options, and sustainable waste management practices for adoption by communities

# Chaired by:

• Dr. Gaurav Mishra, Director, Ministry of New and Renewable Energy (MNRE), Government of India

# Speakers:

- Mr. Debajit Palit, Chintan Research Foundation
- Mr. Vinay Patel, NDDB MRIDA
- Ms. Rekha Krishnan, Founder WEFT, Board Member of CLEAN
- Mr. Atul Mittal, South Asia Director, Sistema Bio

# 16:00 -17:00

# Carbon Markets – Innovation and Integration

<u>Theme:</u> Carbon credits, financing and markets, national registry, blockchain, monitoring and verification

#### 16:00 - 16:30

**Coffee Break & Networking** 

Objectives: Exploring how digital and innovative technologies, harmonised policies, LCA, and MRV ecosystem can monetize and integrate biogas/biomethane credits into growing carbon markets in India

#### Chaired by:

• Mr. Saumya Gadnaik, Country Representative, Global Green Growth Institute (GGGI), India

#### **Speakers:**

- Ms. Zerin Osho, Director, India Programme, Institute for Governance & Sustainability Development
- Mr. Kevin Houston, Chief Executive Officer (CEO), Carbon Masters
- Mr. Raj Kapoor, Chief Executive Officer (CEO), Blockchain
- Mr. Jai Kumar Gaurav, Senior Advisor, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Mr. Rohit Kumar, Secretary General, Carbon Markets Association of India (CMAI)

# 17:00 **–** 17:30

Fireside Chat

Dialogue on journey towards 5000 CBG Plants by 2030

#### Speakers Fireside:

• Hon'ble Minister Hardeep Singh Puri

#### Moderators:

- Mr. Kushan Mitra, The Pioneer
- Ms. Charlotte Morton OBE, Chief Executive, WBA

#### 16:30 - 17:30

## **Technical Panel**

Accelerating Research & Development, Innovation, and Sustainability through Public-Private Partnerships

<u>Theme:</u> Accelerating collaborative R & D centres, innovative technologies developers, supply chain, off takers, additives, and service providers

Objectives: Identifying and closing innovation gaps to fast-track technology localisation, scaling, promoting sustainability, and public private partnerships for accelerating R & D.

#### **Chaired by:**

 Prof. V. K. Vijay, Indian Institute of Technology (IIT) Delhi

## **Speakers:**

		<ul> <li>Dr. Suresh Chandra Sharma, Former Special Duty (Energy &amp; Climate Change), Niti Aayog</li> <li>Mr. Vivek Taneja, Managing Director, Suma India</li> <li>Mr. S. R. Meena, Director, Ministry of New and Renewable Energy (MNRE), Government of India</li> </ul>
17:30- 17:45	Signing of MoU between WBA and NDDB Cooperation in presence of Hon'ble Minister MoPNG	
19:00- 21:00	Networking Dinne	er (by Invitation)

# DAY 2 Thursday, 4 December 2025 09:00 to 17:30

09:00 - 09:30	Welcome Remarks and Setting the Scene (WBA) Keynote Address  Speaker: Shri Sripad Naik, State Minister MNRE	
	Policy & Leadership Track  Main Hall (Jacaranda)	Technical Track Gulmohar Hall
09:30 - 10:00	Biogas Beyond Borders: Global Dialogue  Theme: Experiences from Europe, North America, Brazil, China, Indonesia, Singapore, South Africa on technology transfer, investments, and explore North - South and South- South cooperation models  Focus & Objectives: Learning from other developed and emerging economies to accelerate biogas deployment nationally and worldwide, and integration with international methane reduction initiatives and national level climate goals  Chaired by:  Dr. YB Ramakrishna, Senior Vice President, Indian Federation of Green Energy (IFGE)  Speakers:  Mr. Thierry Michel Rene Martin, Senior Urban Development Specialist, World Bank  Dr. Peter Zeniewski, Senior Energy Analyst, International Energy Agency (IEA)  Mr. Ravi Gupta, Renuka Sugars  Ms. Vidvatta Sharma, Regional Associate Asia, Global Methane Hub	Technical Panel  Biomethane for decarbonising Hard-to-Abate Industrial Sectors  Theme: Biomethane adoption in steel, cement, chemical, and refining sectors  Objectives: Driving deep decarbonisation through biomethane production, supply and integration in heavy industries and supply chains  Chaired by:  Dr. Dilip Kumar Khare, Technical Advisor WBA India  Speakers:  Mr. Amit Kulshrestha, General Manager, National Thermal Power Corporation Ltd. (NTPC)  Mr. Baljeet Singh, Director, Centre for High Technology (CHT)  Mr. Rajesh Kumar Mediratta, Managing Director & Chief Executive Officer, Indian Gas Exchange  Mr. Atul Kharate, CEO, Indian Oil Adani Venture

10:00 -	Fireside Chat	
10:30	Strategic Vision for Biogas & Biomethane - Margin to Mainstream	
	Walght to Wallotteam	
	Moderator:	
	Ms. Charlotte Morton OBE, Chief Executive, WBA	
	·	
	<ul><li>Speaker:</li><li>Mr. Santosh Kumar Sarangi, Secretary,</li></ul>	
	Ministry of New and Renewable	
	Energy, Government of India	
10:30 -	Session 6 continued	Coffee Break & Networking
11:00		
11:00 -	Coffee Break - Networking	11:00 – 13:15
11:15		
		Workshop #MBH: International Anaerobic Digestion Certification Scheme
		Digestion certification seneme
		AD Certification Scheme to enhance
		performance, standards, and operations of the Biogas Plants
		the blogas i lants
		<u>Theme:</u> How will AD certification scheme
		and standards enhance the performance and operations of biogas plants and increase
		their financial viability
		Objectives: Introduction to the global
		standards and how to implement it.
		Understand the AD certification scheme
		specifically for the biogas sector, independently audited, to improve operator
		health and safety and the plant's
		environmental and operational
		performance. ADCS International covers 11 modules that will secure the success of your
		unit
		Speakers:
		Mr. Flávio Ascenco, Senior Technical
		Lead, WBA
		<ul> <li>Dr Sarah Letsinger, MBH Policy Lead, WBA</li> </ul>
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# 11:15 – 12:15

Small and Medium Scale Biogas Plants – Challenges and Opportunities

<u>Theme:</u> Small and Medium Scale Biogas Plants for Clean Energy, Waste Management, biofertilizer, and Circular Economy

Focus & Objectives: Discussing the potential of Small and Medium Scale Biogas Plants for promoting energy transition, clean cooking, food security, and waste management in urban / rural /of farm areas

# Chaired by:

 Mr. Deepak Gupta, Former Secretary, Ministry of New and Renewable Energy, Government of India

## **Speakers:**

- Mr. Bhimashankar, Chief Operating Officer, National Dairy Development Board (NDDB) MRIDA
- Dr. Gaurav Mishra, Director, Ministry of New and Renewable Energy, Government of India
- Mr. Dharmendra Kumar, Sustain Plus
- Dr. Sarbjit Singh Sooch, Former
   Principal Scientist, Punjab Agriculture
   University

# 12:15 -**Biogas for Decarbonizing Maritime,** 13:15 **Aviation, and Transport Sectors** Theme: Biomethane as a marine fuel / Biogas-derived SAF/Transport (buses) fuel Objectives: Exploring biogas potential for decarbonising Maritime, Aviation, and Transport sectors Chaired by: Dr. C V Raman, Member Executive Committee, Maruti Suzuki Speakers: • Mr. Rajesh Kumar Mediratta, Managing Director & Chief Executive Officer, India Gas Exchange (IGX) • Mr. Anjan Kumar Mishra, Secretary, Petroleum & Natural Gas Board (PNGRB) • Mr. Tanuj Sharma, Senior Assistant Vice President INVEST India • Dr. Sarah Letsinger, MBH Policy Lead, **WBA** 13:15 -**Lunch & Networking** 14:00 14:00 -**Unlocking Private Financing for India's Technical Panel** 15:00 Feedstock Management: AI and Supply **Vibrant Biogas Sector Chain Tools** Theme: Role of DFIs, Private Investors, and Understand feedstock Insurance Companies in the CBG Sector Theme: pretreatment, aggregation, supply chain, Objectives: Unlocking capital for financing long term agreements, and use of smart techniques to ensure sustainable supply India's biogas industry through private equity, blended finance, guarantees, and Objectives: Policies and AI tools to collect, de-risking manage, and leverage feedstocks to ensure Chaired by: reliable and sustainable operations. Follow • Ms. Charlotte Morton OBE, Chief supply chain for traceability, AI technology, Executive Officer, WBA automation and innovation equipment to secure assured supply of feedstock Speakers: • Mr. Ramana Reddy, Senior Sector Chaired by: Dr. W. Selvamurthy, Chancellor, Amity Specialist–Energy, German University, Noida- Chair Development Bank (KfW) • Mr. Gurpreet Chugh, Managing

	<ul> <li>Director, ICF Consulting</li> <li>Mr. S RMeena, General Manager, Small Industries Development of India (SIDBI)</li> <li>Mr. Sanjeev Gupta, Managing Director, NEXGEN &amp; PHD Chamber of Commerce and Industry (PHDCCI)</li> </ul>	<ul> <li>Speakers:</li> <li>Mr. Anil Baweja Mission Director SAMARTH Mission</li> <li>Col. Monish Ahuja, Punjab Renewable Energy Systems Private Limited (PRESPL)</li> <li>Mr. Ashish Kumar, CEO, VERBIO India</li> <li>Mr. Ekasjyot Singh Barara, Co-Founder &amp; Director - LR Energy</li> </ul>
15:00 - 16:00	Catalyzing Industrial Organic Waste for CBG: Policy, Standards & Scale-Up  Theme: Transforming Sugar, Beverages, and Distilleries Waste into Green Energy Solutions  Focus & Objectives: Highlight the policy interventions needed to integrate industrial organic waste streams and showcasing successful models and partnerships for CBG production.  Chaired by:  Mr. Vaibhav Dhange, Founding Director, Indian Federation of Green Energy (IFGE)  Speakers:  Mr. Roshan Lal Tamak, Executive Director, DCM Sugars  Dr. D K Singh, Former Professor, Indian Agriculture Research Institute (IARI)  Mr. S.R. Meena, Director, Ministry of New and Renewable Energy, Government of India  Dr. Dilip Kumar Khare, Technical Advisor, WBA	Technical Panel Digestate Valorisation and Biotechnology  Theme: Digestate production cycle, microbial engineering, and nutrient recovery technologies  Objectives: Turning digestate into value-added products, ensuring standards, and improving soil health and agri-production  Chaired by:  Mr. Bhimashankar, Chief Operating Officer NDDB MRIDA  Speakers:  Mr. Som Narayan, Carbon Master India,  Mr. Guna Raj Dhakal, Founder Chairperson, Renewable Energy Confederation of Nepal (RECON)  Mr. Velmurugan, Executive Director, Consultants and Engineering Pvt. Ltd. (CEID)
16:00 – 16:15	Coffee Break & Networking	
16:15 – 17:15	India's Biogas Accelerator: from Pilots Plants to Transformative Industrial Scale  Theme: Scaling India's biogas accelerator ecosystem for achieving climate goals, energy security, clean energy, waste management, environmental	16:00 – 17:00  Coffee Break, Breakaway Meetings & Networking  At table let`s have a tea/coffee and continue our discussions

conservation, and social and economic benefits including women empowerment and jobs creation.

Objectives: Discuss opportunities and challenges involved in scaling India's biogas policy, regulatory, and infrastructure ecosystem with robust national grids, decentralized off takers, blending targets, supply chains, circular-economy models, and women empowerment.

## **Chaired by:**

 Dr. Pradeep Monga, Senior Advisor & Policy Director, WBA

#### Speakers:

- Mr Chandershekhar Director R&D BPCL
   Chair
- Mr P S Ravi, FIPI
- Mr Subodh Kumar, Executive Director, Val Pro
- Dr. Nagendra Kumar, Associate Director and Fellow, The Energy Resource Institute (TERI)

#### **Investor-Developer Matchmaking Room**

<u>Theme</u>: Structured pitching to DFIs and private investors

<u>Objectives</u>: Connecting projects with financing to accelerate deployment

# 17:15 – 17:45

# **Closing Plenary Session**

#### **Concluding Remarks**

Theme: Final outcomes and the way forward

Objectives: Presentation of final outcomes and the key recommendations

- Ms. Charlotte Morton OBE, CEO, WBA
- Dr. Pradeep Monga, Senior Advisor & Policy Director, WBA

## Thank you remarks

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