



Day One: Thursday 8 October 2026

The Power of Biogas – Futureproofing India’s Energy Security

9.00 Registration

10.00 Welcome Remarks from the World Biogas Association

Charlotte Morton OBE, Chief Executive, World Biogas Association

10.10 Inaugural Plenary Session: Biomethane as India’s strategic response to the energy security, waste and climate crisis

- With energy security at the top of India’s policy agenda, how can biogas industry stakeholders work together to position biogas as a key pillar of India’s energy transition and resilience strategy?
- How great a role can biomethane play in reducing India’s LNG import dependence and exposure to volatile global gas markets? What lessons can be learned from Europe’s accelerated biomethane deployment following the Ukraine energy crisis?
- How can we foster greater international collaboration to accelerate the growth of India’s biogas sector? What can we learn from case studies of successful biogas project partnerships?
- Mapping a pathway toward resilient decentralised energy systems in India – where are the greatest opportunities, and what challenges need to be addressed?

11.15 Networking Coffee Break

11.45 Fireside Chat: The offtakers’ perspective on accelerating the transition to grid-compatible, transport-grade fuels

- What are the key pain points around connectivity to gas networks and the transition to grid-compatible, transport-grade fuels? What do SATAT offtakers need to make the system work?
- Minimising supply disruptions: Addressing risk factors such as volume consistency, purity and price stability, feedstock risk, plant underperformance, regulatory uncertainty, payment delays and contractual risks
- Identifying key actionable steps that developers should introduce to win offtakers

12.10 Panel debate 1: Regulatory frameworks governing biogas/CBG in India – How will consolidation ensure better compliance with international standards?

- Understanding the latest biogas regulations - how will a more cohesive policy framework accelerate development and what will consolidation mean for project developers?
- Overcoming the challenge of regulatory inconsistencies across member states. What steps need to be taken to align fragmented policy and regulatory frameworks into a cohesive, mission-mode approach for accelerated deployment of biogas and CBG projects across states?
- Debating the future of national level regulatory frameworks such as SATAT, NBP (National Bioenergy Programme), CBG blending, Fertiliser Regulations for Digestate, as well as state level regulatory frameworks that set up incentives, feedstock rules, and waste-management frameworks
- Lessons learned from biogas policies in other countries – the power of clear national strategies that integrate energy, waste, agriculture, and climate goals
- Policy recommendations, industry commitments and a roadmap to 2050

13.05 Networking Lunch Break

14.05 Panel debate 2: Developing cleaner cities in India by scaling up municipal solid waste to biogas projects

- With municipal solid waste being the largest, most underutilised feedstock for biogas in India, what are the real-life solutions to address challenges around waste collection, segregation and transportation?
- Overcoming the challenges of segregation at source, including high contamination levels and inconsistent organic content
- Discovering technologies that could make municipal solid waste to biogas work – from pre-processing systems and high-solids anaerobic digestion to two stage digestion and odour control systems
- Creating the right policies and legal frameworks for large scale PPP municipal solid waste to biogas plants

15.00 Panel debate 3: Successful supply chain models for reliable and sustainable feedstock supply

- Ensuring feedstock security through circular economy models - Strategies to overcome supply chain challenges and improve feedstock availability and quality
- Understanding the challenges and opportunities in each major feedstock category: crop residue, dairy manure, industrial waste and municipal waste
- Derisking feedstock supply chains with structured models for aggregation and processing
- New approaches to public-private collaboration in developing storage, blending and distribution infrastructure

15.55 Networking Coffee Break

16.25 Fireside Chat: Focus on wastewater and sewage biomethane

- A spotlight on urban wastewater management and methane reduction initiatives across India
- New opportunities in sewage sludge digestion and wastewater-to-energy under urban circular economy programmes
- Overcoming the challenges of integration into CGD networks for urban biogas projects

16.50 Panel debate 4: Unlocking investment and building bankable biogas projects

- Unlocking capital to finance biogas projects– real-life examples of supportive policies and green financing models that have significantly enhanced project financing opportunities
- Building the right conditions for large-scale capital flow: How do we overcome structural challenges involving feedstock risk, and ensure offtake certainty as well as regulatory clarity, in order to boost investor confidence?
- The role of PPP models in scaling biogas/CBG infrastructure

17.45 Key Takeaways from Day One from the World Biogas Association

18.00 Networking Drinks Reception

Day Two: Friday 9 October 2026

10.00 Welcome to Day Two from the World Biogas Association

10.10 Day Two Keynote Address: India's commitment to biogas - Promoting the environmental, economic, and social benefits of biogas

As the world's fastest-growing energy market, India's demand for natural gas, clean fuels, and sustainable fertilisers is rising rapidly. At the same time, the country is facing an urgent responsibility to reduce methane emissions, improve waste management, and strengthen energy security.

This keynote address will present a roadmap of initiatives planned for government, industry, academia, and civil society to work together to make biogas projects bankable, scalable, and commercially viable across India.

10.30 Panel debate 5: Adopting new standards and certification to unlock the potential of biogas projects

Following the September 2025 MoU between the Government of Madhya Pradesh and the World Biogas Association (WBA) under the #MakingBiogasHappen programme, a series of coordinated activities have been undertaken to build a comprehensive State Biogas Action Plan and position Madhya Pradesh as a national leader in biomethane deployment.

This session will provide an update from the progress on recent activities such as feedstock mapping and resource assessment, identification of priority biogas corridors, as well as pilot projects under developments in Indore (municipal waste-to-biogas), Sehore (agri-residue-based CBG) and Gwalior (dairy-cluster biogas).

The goal of the discussion is to identify replicable models for scale-up, capacity-building and investment mobilisation at the state level – based on lessons learned from Madhya Pradesh.

11.20 Networking Coffee Break

11.50 Panel debate 6: Distillery and sugar industry waste-to-biomethane - unlocking India's next major feedstock opportunity

- India's distillery and sugar waste potential for biogas projects – unlocking India's next major feedstock opportunity
- An overview of best-in-class technical pathways for converting distillery spent wash, press-mud, and sugarcane into biomethane
- The economics of integrated plant models, the role of co-digestion in boosting yields, and the potential for circular value chains that benefit both industry and farmers
- Debating regulatory enablers, sustainability considerations, and the investment landscape required to scale this sector nationwide

12.30 Panel debate 7: Developing a technology roadmap for improving plant efficiency and maximising energy generation

- Understanding the key technological constraints that limit efficiency and make CBG projects underperform
- Exploring the latest advancements in anaerobic digestion and biogas production, including high-efficiency digesters, membrane purification, IoT-based plant monitoring, and biomethane storage
- Spotlighting the most innovative and scalable CBG production technologies with the potential to increase biogas yields, reduce costs and improve plant efficiency

13.20 Networking Lunch Break

14.20 Panel debate 8: Exploring the full potential of digestate as a high-value co-product

- How are current constraints on fertiliser imports impacting the commercial viability of nutrient production from biogas digestate?
- Exploring best practice in digestate management and fermented organic manure (FOM) commercialization
- Transforming biogas plants into nutrient and fertiliser production hubs – examining the impact on project economics of the successful utilization of digestate

15.10 Presentation: Accessing carbon market opportunities and new climate finance pathways for biogas facilities

- Understanding MRV frameworks, international carbon standards and ISCC certification for biomethane production
- Practical advice to developers and CBG plant operators on how to maximise carbon revenue and certification value

15.25 Closing Panel: The future of CBG as a pillar of India's clean fuel and net zero strategy

India's biogas and biomethane market is poised for significant growth over the next decade, spurred by the development of favourable policies, increased investments, and rapid technological advancements.

At the same time, the EU Carbon Border Adjustment Mechanism is driving the decarbonisation of India's primary manufacturing industries, and the fast-growing data centre industry is increasing demand for low carbon energy sources: What role could biogas play in meeting this demand?

This closing session will debate key success factors to accelerate biogas project development in India and how regional and international collaboration will support the long-term sustainability of this important sector.

16.15 Key Takeaways from Day Two from the World Biogas Association

- Closing declaration - Delhi Biomethane Declaration 2026
- Key recommendations and collective commitments on scaling biomethane, including policy, standards, technology adoption, offtake agreements, and project finance.

16.30 End of Congress Coffee and Networking