



WORLD BIOGAS ASSOCIATION INDIA CONGRESS 2026

8–9 October 2026 | The Lalit Hotel, New Delhi

Biogas for India's Energy Security, Circular Economy & Net-Zero Transition

DAY ONE: THURSDAY 8 OCTOBER 2026

Policy Architecture, Market Integration & Clean Cities

09.00 Registration

10.00 Welcome Remarks from the World Biogas Association

10.10–11.00

Inaugural Plenary: Biogas & Biomethane as a Strategic Pillar of India's Energy Security and Net-Zero Transition

- Positioning biogas and biomethane as a key pillar of India's energy transition, resilience and energy-security strategy.
- Assessing the role of biomethane in reducing LNG import dependence and exposure to volatile global gas markets.
- Linking biogas deployment with waste management, air quality, methane reduction, rural prosperity and India's Net-Zero 2070 pathway.
- Building stronger Government–industry–finance–international partnerships to accelerate deployment.
- Capitalising on the new GOBARdhan framework to move from individual projects to a scaled national biomethane industry.

11.00–11.30 Networking Coffee Break

11.30–12.10

Special Session: GOBARdhan National Circular Bioenergy Scheme — From Policy to Implementation

- Understanding the integrated GOBARdhan framework and its implications for developers, offtakers, States and financiers.
- Translating assured offtake, stable pricing, capital support, pipeline infrastructure, credit support and the Ecosystem Challenge Fund into viable projects.
- Clarifying implementation roles across Central Government, States, OMCs, CGD entities, financial institutions and project developers.
- Using the Ecosystem Challenge Fund for district-level resource assessment, technology adoption, process improvement, manure value addition and capacity building.
- Identifying immediate measures needed to accelerate financial closure, commissioning and reliable long-term operation.

12.10–12.40

Fireside Chat-I: India–Japan Partnership for Scaling Cooperative Biogas

- Exploring the roadmap for the India–Japan collaboration to scale cooperative-based biogas production.
- Understanding the role of dairy cooperatives, milk unions, FPOs and panchayats in feedstock aggregation, ownership and rural implementation.
- Leveraging Japanese technology, operating practices and patient capital for reliable rural CBG infrastructure.
- Replicating successful cooperative biogas models across major dairy-producing States.

12.40–13.30

Panel Discussion 1: Creating a Predictable National & State Regulatory Framework for CBG

- Aligning national and State frameworks to create a more predictable project-development environment.
- Addressing regulatory inconsistencies covering approvals, feedstock, gas quality, waste management and digestate.
- Aligning GOBARdhan, SATAT, CBG blending, fertiliser regulations and State incentives within a coherent policy architecture.
- Strengthening compliance with international standards and learning from successful renewable-gas regulatory models.
- Defining a practical roadmap for faster approvals and mission-mode implementation across States.

13.30–14.30 Networking Lunch Break

14.30–15.20

Panel Discussion 2: Clean Cities through Biogas — Scaling MSW-to-CBG in India

- Addressing source segregation, contamination, waste collection and assured availability of organic municipal waste.
- Developing long-term feedstock assurance and balanced PPP / concession models between ULBs and project developers.
- Identifying suitable pre-processing, high-solids digestion, two-stage digestion and odour-control technologies for Indian MSW.
- Integrating MSW-to-CBG with CGD networks, municipal transport and city energy planning.
- Moving from plant commissioning to measurable performance, reliable gas output and sustained landfill diversion.

15.20–15.40

Fireside Chat-II: CBG–CGD Integration & Gas Grid Injection — Expanding Market Access

- Operationalising pipeline connectivity between CBG plants, CGD networks and trunk gas pipelines under the evolving GOBARdhan framework.
- Addressing gas quality, pressure, compression, metering, custody transfer and other technical requirements for grid injection.
- Improving volume consistency, purity, payment security and long-term contractual arrangements between producers and offtakers.
- Clarifying responsibilities and commercial arrangements for pipeline connectivity and injection infrastructure.
- Exploring the longer-term potential for more flexible renewable-gas network access and wider market reach for CBG producers.

15.40–16.10 Networking Coffee Break

16.10–17.00

Panel Discussion 3: Feedstock Security — Building Reliable Supply Chains for CBG

- Ensuring feedstock security through structured aggregation and circular-economy models.
- Addressing seasonal availability, quality variation, storage, transport and preprocessing across crop residue, dairy manure and other organic feedstocks.
- Developing cooperative, FPO and private aggregation models with transparent contracts and risk sharing.
- Using district-level mapping and data-led planning to reduce logistics costs and identify viable CBG clusters.
- Creating bankable long-term feedstock arrangements that improve confidence for developers and lenders.

17.00–17.50

Investment Roundtable: Making CBG Bankable — Lowering Cost of Capital & Mobilising Blended Finance

- Building the conditions for large-scale capital flow by addressing feedstock risk, offtake certainty, technology performance and regulatory clarity.
- Assessing how GOBARdhan capital assistance, credit support and pipeline connectivity can improve bankability.
- Reducing the cost of capital through blended finance, guarantees, concessional debt, portfolio structures and climate-finance instruments.
- Examining whether targeted fiscal / tax measures at the supply and feedstock end could improve project economics.
- Integrating carbon revenues, green bonds and long-term CBG supply contracts into financing structures.
- Improving project preparation, due diligence and standardisation to create a larger pipeline of investment-ready projects.

17.50–18.00 Key Takeaways from Day One

18.00 Networking Drinks Reception



DAY TWO: FRIDAY 9 OCTOBER 2026

Performance, Value Creation, Finance & Scale

10.00 Welcome to Day Two from the World Biogas Association

10.10–10.35

Keynote Address: From Projects to Scale — India's Next Phase of Biogas Development

- Moving from isolated projects to coordinated national and State implementation.
- Integrating clean energy, agriculture, rural development, waste management and methane reduction objectives.
- Making projects bankable, scalable and commercially sustainable while improving long-term operating performance.
- Recognising wider co-benefits including farmer income, rural enterprise, employment, health, gender and local environmental outcomes.

10.35–10.55

State Spotlight: Making Biogas Happen — Madhya Pradesh

- Progress towards a State Biogas Action Plan under the Making Biogas Happen programme.
- Feedstock mapping, identification of priority biogas corridors and development of investible project clusters.
- Lessons from State-level coordination across energy, agriculture, dairy, urban development and rural development.

10.55–11.45

Panel Discussion 4: Sugar, Distillery & Agro-Industrial Biorefineries — Unlocking Biomethane at Scale

- Unlocking biomethane potential from spent wash, press mud and other sugar and distillery residues.
- Comparing the economics and strategic value of biomethane with alternative uses of feedstocks, including the sector's increasing focus on ethanol production.
- Integrating biomethane with ethanol, power, biofertilisers, renewable CO₂ and other renewable molecules within an advanced biorefinery model.
- Using co-digestion and multiple feedstocks to improve yields and year-round utilisation.
- Addressing environmental compliance, technology selection, seasonal operations and investment requirements.

11.45–12.15 Networking Coffee Break

12.15–13.05

Panel Discussion 5: Technology, AI & Operational Excellence — Improving CBG Plant Performance

- Understanding the technological and operational constraints that cause CBG plants to underperform against design capacity.
- Improving feedstock preparation, digester design, gas upgrading, methane recovery, energy efficiency and storage.
- Deploying AI, IoT and automation for digester stirring, temperature control, loading optimisation, predictive maintenance and early fault detection.
- Using digital twins and continuous monitoring to improve uptime, methane yield and process stability.
- Establishing performance benchmarks and internationally recognised standards for plant design, commissioning and operation.
- Accelerating localisation of proven technologies without compromising reliability and performance.

13.05–13.25

Spotlight: Accessing Carbon Market Opportunities and New Climate Finance Pathways

- 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

13.25–14.25 Networking Lunch Break

14.25–15.15

Panel Discussion 6: The Digestate Economy — Creating Value from FOM & Biofertilisers

- Positioning digestate as a high-value co-product rather than a waste-management liability.
- Improving processing, nutrient recovery, enrichment and quality of FOM, LFOM and other digestate-derived products.
- Clarifying classification, standardisation, certification and quality assurance under fertiliser regulations.
- Assessing soil-organic-carbon, regenerative-agriculture and fertiliser-import-substitution benefits.
- Developing market channels, digital traceability and nutrient passports for digestate products.
- Exploring viable business models, including carbon value, beyond subsidy dependence.

15.15–16.05

Closing Leadership Panel: Scaling Biomethane in India — Priorities to 2030 and Beyond

- Identifying the priority interventions required to move from policy ambition to large-scale implementation.
- Strengthening coordination between Central Government, States, industry, finance and project developers.
- Balancing rapid capacity addition with plant quality, operational performance and measurable methane reduction.
- Positioning biomethane within India's clean-fuel, industrial decarbonisation, circular-economy and Net-Zero strategies.
- Recognising wider co-benefits for agriculture, rural livelihoods, health, gender, local business and cleaner cities.
- Agreeing priority commitments for the Delhi Biomethane Declaration 2026.

16.05–16.15 Key Takeaways from Day Two / Delhi Biomethane Declaration 2026

16.15 End of Congress – Coffee & Networking