



WORLD BIOGAS
ASSOCIATION

INDIA
CONGRESS 2024

23 - 24 OCTOBER 2024 | LE MERIDIEN | NEW DELHI | INDIA

www.india.wbacongress.org

CONGRESS GUIDE



REALISING INDIA'S BIOGAS POTENTIAL

BIOENERGY

THE KEY TO A SUSTAINABLE, RESILIENT INDIA

INDIA

THE BEACON FOR EMERGING ECONOMIES

#makingbiogashappen

Organiser

Co-Organiser

Government Partners



WORLD BIOGAS
ASSOCIATION



ITEN MEDIA™



पेट्रोलियम एवं
प्राकृतिक गैस मंत्रालय
MINISTRY OF
PETROLEUM AND
NATURAL GAS



नवीन एवं
नवीकरणीय ऊर्जा मंत्रालय
MINISTRY OF
NEW AND
RENEWABLE ENERGY



BUILDING PARTNERSHIPS TO GROW MARKETS

Building on the waste to wealth mantra that was a hallmark of India's Presidency of the G20 in 2023, PM Modi has emphasised his country's commitment to the development of biogas.

Speaking at India Energy Week, PM Modi affirmed his country's commitment to see 5,000 large scale compressed biogas plants commissioned before 2030 – representing a 100-fold increase in the scale of the sector.

He also highlighted the strategic importance of India's G20 Global Biofuels Alliance initiative, of which the WBA is one of 12 founding international organisations, saying this will promote the adoption of biofuels globally and 'help in creating economic opportunities worth around \$500bn'.

It is against this positive backdrop that we will be hosting the 2nd World Biogas Association India Congress later this year. This will seek to build on the firm foundations established at the inaugural high-level Congress, which established India's potential and ambition for biogas and the benefits of pursuing an aggressive growth strategy.

This year, the Congress will focus on detailing a framework to allow for rapid scaling of the biogas industry. The WBA will develop this framework in collaboration with national biogas stakeholders at Federal, State and municipal level, and across the industrial waste sectors – from food and beverage manufacture, agriculture and urban waste management.

As with our membership of the Global Biofuels Alliance, the WBA is proud to support India, a bellwether nation for all emerging economies, in its pursuit to be a leader in biogas and biofuels production and use. And we applaud PM Modi's dedication to achieve this within a climate-sensitive timeframe – by 2030.

We have less than six years to deliver the Global Methane Pledge and other critical 2030 Climate targets, to keep 1.5C alive. So, it is vital that countries come together, and work together, to deliver an unprecedentedly rapid and sustainable scale up of bioenergy and biofuels.

Recognising them as near zero emission fuel sources, the International Energy Agency (IEA) says bioenergy and biofuels have a critical role to play in displacing fossil fuel use and securing net zero emissions.

Biogas production is the gateway to achieving this. As a flexible power source, it can be combusted for power and heat in homes and industrial plants or transformed into liquid biofuels used in cars, ships and planes. It can also open the door to organic farming and carbon capture for use and storage and supports the development of other novel bioresources.

Under its Net Zero Emissions scenario, the IEA says "in 2030, 60% of bioenergy supply will come from waste and residues that do not require dedicated land use, compared to less than 50% today. Innovation and deployment in biofuel conversion technologies will be required to fully unlock the potential of wastes and residues."

Humans directly or indirectly generate over 105 billion tonnes of organic wastes globally each year – human sewage, animal manures and slurries, food wastes and more. Left to decompose, all of these wastes release methane and other harmful greenhouse gases directly into the atmosphere.

These wastes also release streams of nutrients, that if captured could be super foods for plants, but when allowed to run off into water courses suffocate our rivers and are causing alarming dead zones in our oceans – the world's great climate regulator and food source for billions.

If, instead, we collect these wastes, and recycle them into biogas, biofertilisers and biofuels, this alone would reduce global greenhouse gas (GHG) emissions by 11% and deliver about half of the Global Methane Pledge – while generating the equivalent of one third of today's global gas consumption.

This isn't just good for our environment, our energy and food security and our health – it is also a huge economic opportunity which would create 10-15 million skilled green jobs globally, build local supply chains and directly support farmers.

Yet today just 2% of these organic wastes are treated and recycled. The World Biogas Association (WBA) exists to accelerate the scale-up of bioenergy and biofuel development, drawing on our unique global networks of companies, institutions and national associations.

Working together, we are developing pathways to remove barriers, innovate and standardise wherever possible, to enable countries to develop high-performing bioenergy sectors, building on the experience of established markets.



MAXIMISING INDIA'S BIOGAS POTENTIAL THROUGH INNOVATION AND COLLABORATION



"The World Biogas Association India Congress 2023 provided one of the most effective platforms for domain experts, policymakers, and stakeholders to exchange their ideas and deliberate on the way forward for rapid adoption of biogas in India. I wish you and your team the best of luck for the future endeavours."
Sukla Mistry, Director (Refineries), **IndianOil**



"The biogas sector in India is fast growing and the World Biogas Association India Congress 2023 was highly informative and relevant. We need to conduct such seminars in India more frequently in order to promote the biogas sector, available technologies and their manufacturers."
Bijay Kumar, Consultant CBG Projects, **Indian Oil Corporation** & Chief Technical Adviser, **Indian Biogas Association**.



"The World Biogas Association India Congress [2023] has certainly added to the momentum building in India. The key now is for all of us to ensure we treat this event as a beginning of our journey in our mission to move the needle on policy advocacy in India to untapped huge potential waiting to be commercialised in India. Your continued perseverance will help to achieve the same. Thank you for giving ATGL and TotalEnergies this platform to share our thoughts."
Suresh Manglani, CEO, **Adani Gas**



"We look forward to continued collaboration with the WBA to drive the growth of the biogas industry in the region."
Ashu Shinghal, Managing Director, **Mahanagar Gas**

WHO SHOULD ATTEND?

AD OPERATION /
DEVELOPMENT



AGRICULTURE /
COMMODITIES
PRODUCTION



CHEMICALS /
CARBON CAPTURE



ENERGY
NETWORKS



FINANCIAL
SERVICES /
INVESTMENT



FOOD & DRINK
MANUFACTURE



HEAVY
INDUSTRY



WASTEWATER
TREATMENT /
UTILITIES



OIL & GAS



GOVERNMENT /
LOCAL
AUTHORITIES



TECHNOLOGY
SUPPLY



TRANSPORT /
FLEET
MANAGEMENT



WASTE
MANAGEMENT



DIGESTATE
ENHANCEMENT /
FERTILISER



PROFESSIONAL
SERVICES





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WBA MEMBERS AND SUPPORTERS OF WBA EVENTS



WORLD BIOGAS ASSOCIATION

The World Biogas Association (WBA) is the global trade association for the biogas, landfill gas and anaerobic digestion (AD) sectors. The association was launched in 2016 at COP22 by national associations from the UK, USA and Italy, with 20 founding companies.

The WBA is now a membership organisation of more than 4,000 members, through 100+ paid corporate memberships, creating the world's largest network of expertise in anaerobic digestion and complementary technologies. WBA members represent national and regional trade associations and international companies, government organisations and municipalities on five of the seven continents - Africa, Europe, Asia, America and Oceania.



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WORLD BIOGAS ASSOCIATION | **INDIA**
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WBA GLOBAL AFFILIATIONS



CLIMATE & CLEAN AIR COALITION
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

WBA is a **Partner** of the **CCAC** – the **Secretariat for Delivery of the Global Methane Pledge**.
WBA also sits on the **Leadership Groups** of the **CCAC Waste and Agriculture Hubs**.



WBA is a **Partner** of the **Global Methane Initiative**.



WBA is a **Partner** of the **C40 Cities Network**.



WBA is an **Accredited Member** of the **UNFCCC** (United Nations Framework Convention on Climate Change).



WBA is a **Founding Member** of the **Global Biofuels Alliance**.



WBA is a **Member** of the **Renewable Energy Network 21**.



WBA is a **Member** of the **Biofuture Campaign** hosted by the **Clean Energy Ministerial**.



WBA is a **Member** of the **Climate Technology Centre Network (CTCN)** and **Official Observer** to the **CTCN Advisory Board Meetings**.



WBA is an **Official Observer** to the **Global Bioenergy Partnership** of the **UN Food and Agriculture Organisation**.



WBA works closely with the **International Energy Agency** and sits on the **review body** for relevant **IEA** reports.



WORLD BIOGAS ASSOCIATION EVENT LEGACY

The WBA hosts the World Biogas Summit, Expo and Awards in the UK, in collaboration with the national association ADBA. The annual **World Biogas Summit & Expo** is the largest international conference and tradeshow exclusively dedicated to anaerobic digestion and biogas.



EVENT DATA PROFILE (AVERAGED OVER FIVE YEARS)



ATTENDANCE:

~3,000



REACH:

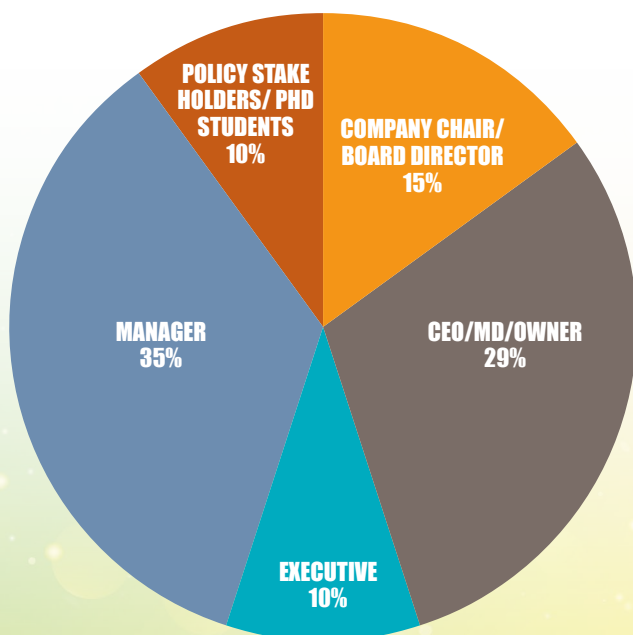
~130
COUNTRIES



EXHIBITORS:

~147

ATTENDEE PROFILE:



MAIN REASONS FOR ATTENDING:

- To discover the latest technologies and innovations
 - To get financial, policy and legal advice
 - To Source AD equipment, products, or services
- To network/connect with other industry professions
 - To find out about the latest industry news, markets and trends
 - To get a better understanding of the industry

FEEDBACK SURVEY SATISFACTION RATING (2023)

97%

Good-excellent
(Exhibitors)

95%

Good-excellent
(Visitors)

98%

Would
recommend
the show



LEGACY SPEAKERS AT THE WORLD BIOGAS SUMMIT, HOSTED BY WBA



Niclas Svenningsen
Manager for Climate
Outreach at the
UNFCC



Rick Duke
Senior Director and
White House Liaison
for the Special
Presidential Envoy for
Climate John Kerry



Samira Bawumia
2nd Lady of Ghana
and Ambassador for
the Global Alliance
for Clean Cook
Stoves



Jennifer Sara
Global Director
for the World Bank
Group's Climate
Change Global
Practice



Frans Timmermans
Vice President
of the European
Commission



Bram Graber
CEO of SHV Energy



Olivier Guerrini
VP, Total Energies



Stéphane Le Foll
French Agriculture
Minister and
Government
Spokesperson at COP21
(Paris Agreement);
4/1000 initiative founder



Tim Gould
Chief Energy
Economist,
International Energy
Agency (IEA)



Hennadiy Zhuk
Director / Professor,
Gas Institute NAS of
Ukraine



Amy Wong
Head of EMEA
Energy Research,
Credit Suisse



**Dr Gerard J
Ostheimer**
Global Lead
for Sustainable
Bioenergy, BioFuture
Campaign



André Alves da Silva
Operations
and Business
Development,
Cocal



Jo Tyndall
Director, Environment
Directorate,
Organisation for
Economic Co-
operation and
Development (OECD)



Kunal Shah
Chief Growth Officer
(CGO) & Managing
Director, Asia,
Anaergia



Donovan Storey
Global Waste Hub
Lead, Climate &
Clean Air Coalition
(CCAC)



**Leidiane Ferronato
Mariani**
Co-founder of the
Mulheres do Biogás
network, founding
partner, Amplum
Biogás



Alex Marshall
Group Director,
Clarke Energy



Filippo Munna
Director of Mobile
Pipeline EMEAA,
Hexagon Agility



Henrique Bezerra
Regional Lead Latin
America, Global
Methane Hub



Maurício Carvalho
Founding Partner,
Gas Verde



Nikhil Moghe
Partner, KPMG



Shantanu Gupta
Executive Director
(Alternate Energy
& Sustainable
Development), Indian
Oil Corporation Ltd



Dolf Gielen
Director, IRENA
Innovation and
Technology Centre



Dr Peter Zeniewski
Lead Gas Analyst
for the World Energy
Outlook, IEA



Nicholas Jenks
Climate Director,
PepsiCo



Wim J. van Nes
Global Technical
Advisor Energy,
SNV Netherlands
Development
Organisation



Christopher Maloney
VP & Global Head,
Renewables, Zenviro
Tech



Carolina Urmeneta
Circular Economy
Program Director,
and Americas
Regional Lead,
The Global Methane
Hub



Dr Keith Simons
Principal Scientist,
SHV Energy &
Chair of the Policy,
Innovation and
Technical Committee,
WBA



THE WORLD BIOGAS ASSOCIATION INDIA CONGRESS 2023

In October 2023, the WBA hosted the inaugural World Biogas Association India Congress 2023 where we successfully brought together the Indian biogas industry with the international biogas community to accelerate the growth of potentially one of the biggest biogas markets in the world.



Hardeep Singh Puri
Hon'ble Minister for Petroleum and Natural Gas and Minister for Housing & Urban Affairs, Govt. of India



Tarun Kapoor
Advisor to the Prime Minister, Government of India



Pankaj Jain
Secretary, Ministry of Petroleum and Natural Gas, Govt. of India



Esha Srivastava
Joint Secretary, Ministry of Petroleum and Natural Gas, Government of India



Dinesh Dayanand Jagdale
Joint Secretary, Ministry of New and Renewable Energy



Dr. Paolo Frankl
Head of the Renewable Energy Division, IEA



Sukla Mistry
Director (Refineries), Member of the Board Indian Oil Corporation Limited



Pier Cella Mazzariol
CEO, Ensorgo Italia Spa

THE WORLD BIOGAS ASSOCIATION INDIA OFFICE

The World Biogas Association has established an office in New Delhi, which will serve as a hub for our operations in the country and across the South Asia region. It marks a significant milestone in WBA's mission to work closely with local partners, governments and stakeholders to drive innovation and sustainability in the biogas sector. **#wastetovalue #makingbiogashappen**

The office will be led by **Kuljit Singh Popli, Country Director**, and **Arti Gupta, Country Manager**.



Kuljit Singh Popli, Country Director
kppli@worldbiogasassociation.org

Kuljit has more than 40 years' experience of working in the power and renewable energy sectors, holding top level management positions in finance, policy making and new product design in the power sector. He is a graduate in Electrical Engineering and Law & Management.

During his career he has served as Chairman cum Managing Director of the Indian Renewable Energy Development Agency (IREDA), Honorary Secretary General of the India Energy Forum, the Founder Director of Climate Finance Pvt Ltd, and an Independent Director of several listed and unlisted renewable energy companies.



Arti Gupta, Country Manager
agupta@worldbiogasassociation.org

Arti has over 25 years' experience working as a coordinator of environment and energy projects as Head of WWF-India Himachal State. With a specialisation in the field of environment, energy and sustainable development, Arti has been a leader and facilitator of many community development, management and conservation projects for the state of Himachal Pradesh.

As a conservationist, she has been an advisor and member of various state committees on energy, environment conservation and eco-tourism issues. She holds an MPhil in Sustainable Development and Masters in Ecology & Environment.

WBA India Office PHD House, 303, 4/2, Siri Institutional Area, August Kranti Marg, New Delhi -110016, India





OPPORTUNITIES TO PARTICIPATE

ATTENDING

Delegates will be welcome for the full two-day programme to gain valuable insight, knowledge and first look at the opportunities in this rapidly emerging market. Register at www.india.wbacongress.org



SPEAKING

The World Biogas Association INDIA Congress has a few exclusive spots within its programme for delegates to actively participate within the panels, addressing the hottest topics within the India biogas market.



SPONSORING

Sponsoring the World Biogas Association INDIA Congress will enhance your company's positive reputation for developing new markets to meet the great challenges we face today and demonstrate your willingness to share your expertise in this rapidly emerging market. A range of sponsorship opportunities is available for you and your company to engage as an industry advocate.

WHY SHOULD YOU GET INVOLVED

- Launch new products and services
- Engage with your target audiences
- Exchange knowledge and ideas with industry peers
- Raise your company profile at this landmark international gathering of Anaerobic Digestion (AD) and biogas vendors, buyers and stakeholders in the international and Indian industry
- Strengthen your brand by gaining prominence amongst your peers
- Stay ahead of the curve in the industry
- Enhance your reputation by association with market insight and thought leadership
- Network, gain prosperous leads and close deals
- Be recognised as a forward-thinking company for technology and innovation



EXHIBITING

The World Biogas Association INDIA Congress will feature coffee breaks morning and afternoon, as well as a one-hour lunch break, where delegates can move through the exhibition area and engage with exhibitors. A drinks reception will also be held close to the exhibition area. Exhibition tables can be bought either individually or as part of a sponsorship package.



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12-13 OCTOBER 2023 | HYATT REGENCY | NEW DELHI | INDIA

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WORLD BIOGAS ASSOCIATION INDIA CONGRESS 2023 LEGACY SPEAKERS



Shri Hardeep Singh Puri

Hon'ble Minister for Petroleum and Natural Gas & Housing and Urban Affairs, Government of India



Shri Tarun Kapoor

Advisor to the Prime Minister, Government of India



Pankaj Jain

Secretary, Ministry of Petroleum and Natural Gas, Govt. of India



Esha Srivastava

Joint Secretary, Ministry of Petroleum and Natural Gas, Government of India



Shrikant Madhav Vaidya

Chairman, Indian Oil Corporation Limited



Dinesh Dayanand Jagdale

Joint Secretary, Ministry of New and Renewable Energy, Government of India



Dr. Paolo Frankl

Head of the Renewable Energy Division, IEA



Ms. Charlotte Morton, OBE

Chief Executive, World Biogas Association



Ms. Nivruti Rai

Managing Director & CEO, Invest India



Eske Bo Knudsen Rosenberg

Consul General, Trade Council of Denmark, India



Sukla Mistry

Director Refineries, Indian Oil Corporation Limited



Rajnath Ram

Adviser (Energy), NITI Aayog



Y. B. Ramakrishna

Member - Working group on Biofuels, Ministry of Petroleum and Natural Gas



Subhash Kumar

Advisor, Indian Sugar Mills Association



Dr. R. K. Malhotra

President, Hydrogen Association of India



Atul Bagai

Country Head, India, United Nations Environment Programme (UNEP)



K. S. Popli

Director, Climate Finance & Former CMD, IREDA



Ashu Shinghal

Managing Director, Mohanagar Gas Limited



Suresh P Manglani

Executive Director & Chief Executive Officer, Adani Total Gas Limited (ATGL)



Shishir Joshipura

CEO & Managing Director, Praj Industries Limited



Shantanu Gupta

Executive Director, Indian Oil Corporation Limited



Umish Srivastava

Executive Director (AE & IOTDDC), IndianOil R&D Centre Faridabad



Atul Kharate

Chief Operating Officer, Indian Oil Adani Ventures



Johann Thevenard

Biogas senior origination and New Ventures Central Europe and Asia, TotalEnergies



Dr. A. Gangagni Rao

Chief Scientist, CSIR-Indian Institute of Chemical Technology (IICT)



Nick Elger

Program Manager, US Environmental Protection Agency



Sandeep Behal

Vice President, Invest India



Sachin Vermani

SVP Project Advisory & Structured Finance, of SBI Capital Markets Ltd



Dr. Ilkka Hannula

Senior Analyst, Renewable Energy Division, IEA



Bijay Kumar

Consultant CBG Projects, Indian Oil Corporation Limited



Dr. N. P. Singh

Senior Technical Advisor, UNIDO



Anish De

Global Head for Energy Natural Resources & Chemicals (ENRC), KPMG



Ashish Kumar

Vice Chairperson, IFGE - CBG Producers Forum



Lt Col Monish Ahuja (Retd.)

Managing Director, Punjab Renewable Energy Systems Private Limited (PRESPL)



Gurpreet Chugh

Managing Director, India, ICF Consulting India Private Limited



Vasudeo Joshi

Vice President and Business Unit Head for Advance Biofuels, Praj Industries Limited



Mark Clayton

Chief Technology Officer, QUBE Renewables Ltd



Umesh Akki

Chief Operating Officer, Ag-Grid Energy LLC



Nandita Bakshi

CEO, Binsoli Sarvodaya Gramodyog Sewa Sansthan



Sanjay Khatal

Director General, Cogeneration Association of India



K. R. Raghunath

Founder & CEO KIS Group, & Chairman, Asian Biofuels Association - BioEnergy of Asia



Alexander Maddan

Chief Executive Officer, Agrivert



Nikhil Moge

Partner, KPMG in India



Pier Cella Mazzariol

CEO, Entsorga Italia Spa



Giulia Ceccarelli

External Affairs Lead, World Biogas Association



Marcello Barbato

Founder and CEO, GREEN Renewable Energy Consulting



Dr. Vanita Prasad

Founder & Director, CTO, Revy Environmental Solutions



Colonel Rohit Dev

Managing Director, Reveille Energy LLP



Anil Dhussa

Senior Advisor, Gruner Renewable Energy



Dr. Sanjukta Subudhi

Senior Fellow and Area Convener, Head, Microbial Biofuels and Biochemical Area Coordinator, Tata Chemicals Ltd.-TERI Center of Excellence, The Energy and Resources Institute



Flavio Ascenso

Technical Support Manager, World Biogas Association



Abhijeet Mukherjee

Project Head, Indian Biogas Association



Dr. Pradeep Monga

Senior Advisor & Policy Director, WBA



WORLD BIOGAS ASSOCIATION

#circulareconomy #wastetovalue
#makingbiogashappen

WORLD BIOGAS ASSOCIATION INDIA CONGRESS 2024

Join a winning team and help put the world on track
to keep global warming below 2°C, ideally 1.5°C.

**Submit discussion papers
and case studies**



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**Business Partnerships
(National)**



Sunny Mehta
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(International)**



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