



## **World Biogas Association BRAZIL Congress 2024**

**Vale Cataratas, Foz do Iguaçu – Brazil**

**Tuesday, 1 October 2024**

### **Programme**

**08:30 – 09:00 Registration & Welcome**

**09:00 – 09:30 Opening ceremony**

#### **Speakers:**

- **Ms. Charlotte Morton OBE, Chief Executive, WBA**
- **Keynote Address:** Mr. Enio Verri, Director-General, Itaipu
- **Keynote Address:** Mr. Carlos Favaro, Minister of Agricultural Development **or** Marlon Arraes Jardim Leal, Director of the Biofuels Department, Ministry of Mines and Energy (TBC)

**09:30 – 10:00 Decarbonising the Food Chain**

#### **Speakers:**

- **Ms. Charlotte Morton OBE, Chief Executive, WBA (Chair/Moderator)**
- Mr Guto Silva, Chief Secretary of the Civil House of Paraná, Government of Paraná State
- Tabatha Lacerda, Technical Co-ordinator, Brazilian Association of Animal Protein (Industry) (TBC)
- Senior representative, Drinks industry (TBC)

*Decarbonising the food chain is a critical first step for Brazil to realise its bioeconomy potential across food and fuel production. This session will consider how biogas production can help meet the country's methane and climate commitments, progress waste management, build rural resilience, end deforestation, and maintain export competitiveness.*

**10.00-10.30 Coffee & Networking**

**10.30-11.30 Landfill, Sanitation, & the Global Methane Pledge**

#### **Speakers:**

- **Mr. Alessandro Sanches, Executive Director, Instituto 17 (Chair/Moderator)**
- Mr. Carlos Silva Filho, President, International Solid Waste Association (ISWA)
- Vladimir Macedo, Advisor to the Energy and Basic Sanitation Regulatory Agency of the State of Rio de Janeiro (AGENERSA) and member of the Brazilian Association of Regulatory Agencies (ABAR)
- Gustavo Possetti, Research and Innovation Manager, Sanepar
- Senior representative, Brazilian biogas industry (TBC)

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*Brazil's waste management sector alone is responsible for ~16% (over three million tonnes) of total methane emissions. Under several policy decrees the government aims to increase recycling from low teens to ~50% by 2040 and deliver universal sanitation services by 2033. This session will consider the policy landscape and solutions to these challenges, drawing on national and global expertise.*

### **11.30-12.30 Financing Mission Biogas - Incentives, Investments & Carbon Markets**

Speakers:

- **Ms. Renata Isfer, Executive President, ABiogás (Chair/Moderator)**
- Mr. Fernando Giachini Lopes, Executive Director and Founder, Instituto Totum
- Mr. Herlon Goetzler, Coordinator at Renova Parana State, IDR
- Ms. Elisa Salomao Lage, BNDES
- Michelle Hallack, Senior Specialist, Energy Sector Management Assistance, World Bank (TBC)

*Brazil's biomethane market value could reach USD 15 billion by 2040, taking advantage of waste and by-products from agriculture, urban waste and sewage treatment. This session will consider key drivers and interventions that would allow the rapid scale up of the industry – from tightening carbon markets and the EU's carbon border taxes through to national and regional incentives.*

### **12.30-14.00 Lunch**

### **14.00-15.00 Lead up to COP30: Transition to Clean Energy**

Speakers:

- **Ms. Charlotte Morton, Chief Executive, WBA (Chair/Moderator)**
- Ms. Heloisa Borges, Director for Oil, Natural Gas and Biofuels Studies, Energy Research Office
- Ms Rana Adib, Executive Director, REN 21
- Mr Luis Felipe Poli, G&E Business Prospecting Manager, Petrobras (TBC)


*As the host of COP30, Brazil has taken a decisive step towards climate action. In the lead up to COP30, countries are preparing to present the second round of nationally determined contributions (NDCs). Brazil's commitment to the Global Methane Pledge and membership in the Global Biofuels Alliance highlight its intention to play a leading role in global climate efforts. This panel will delve into Brazil's strategies and initiatives as it prepares to host COP30, focusing on its contributions to reducing methane emissions and advancing biofuels in general and biogas technologies in particular.*

### **15.00-15.45 Transition Pathway: Feedstock Availability & Modelling Supply Chain**

Speakers:

- **Ms. Leidiane Mariani, CEO, Amplum Biogas (Chair/Moderator)**
- Rosana Santos, Executive Director, Instituto E+ Transição Energética

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- Dr. Airton Kunz, Senior Researcher, Embrapa Suínos e Aves
- Senior representative, energy transition research
- Senior representative, biogas project
- Senior representative, SDGs

*Brazil's biogas potential can meet 100% of the country's target under the Global Methane Pledge, avoiding the release of eight million tons of gas into the atmosphere. Thus, Brazil has the innate ability to be an industry leader and have a major impact on global methane reduction. This panel considers the market distribution and opportunities.*

### **15.45-16.15 Coffee & Networking**

### **16.15-17.15 Qualifying and Scaling Biogas Solutions - Innovations & Breakthrough Technologies**

#### Speakers

- **Mr. Flávio Ascenco, Technical Lead, WBA (Chair/Moderator)**
- Ms. Daiana Gotardo, Engineering and Operations Manager, CIBiogás
- Mr Paolo Gaffuri, Director, Energy, Pietro Fiorentini
- Senior speaker, international energy organisation
- Other speakers from innovative organisations within the Brazilian and global biogas industry

*Power to gas, green hydrogen, carbon removal, SAF, bio-diesel – Brazil has multiple biofuels pathways open to it. This session considers BAT to support scaling, such as on-site compression, liquefaction, gas mixing and carbon capture, focusing on scaling these innovations for broader industry adoption.*

### **17.15-18.00 CEO Forum - Brazil Biogas Roadmap to 2030**

#### Speakers:

- **Mr. Rafael Gonzalez, Director General, CIBiogás (Chair/Moderator) TBC**
- Mr. Olivier Guerrini, Vice-President, Biogas, TotalEnergies (TBC)
- Mr. Patrick Serfass, Executive Director, American Biogas Council (TBC)
- Mr. Rafael Lamastra, CEO, Compagas (TBC)
- Senior speakers from the Brazilian and global energy sector

*The session will put forward salient features of the proposed national biogas roadmap, multi-stakeholders and inter-disciplinary approaches, and discuss huge opportunities as well as key challenges facing the biogas industry to actualise its potential by 2030.*

### **18.00-18.15 Closing Plenary & Outcomes**

#### Speakers:

- Mr. Alexandre Silveira, Minister of Mines & Energy, Government of Brazil (TBC)
- Ms. Charlotte Morton OBE, Chief Executive, World Biogas Association
- Dr. Pradeep Monga, Director of Policy, World Biogas Association

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## 18.15 Onwards Networking & Matchmaking

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