

THE WORLD BIOGAS SUMMIT 2026

Hosted by  WORLD BIOGAS ASSOCIATION 8-9 JULY | NEC | BIRMINGHAM, UK

**FROM WASTE TO WEALTH:
POWERING ECONOMIES,
PROTECTING NATURE**

**KEY TAKEAWAYS FROM
SPEAKERS AND SESSIONS**



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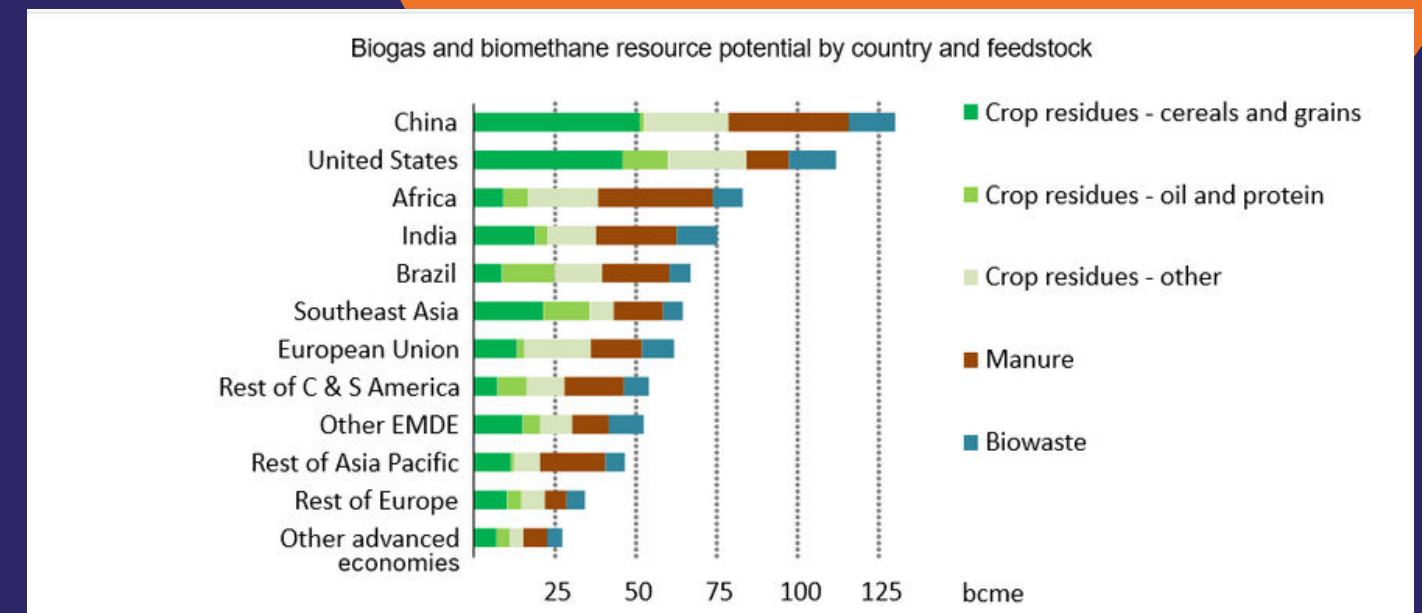


SHIFT TOWARD INDUSTRIAL-SCALE ENERGY SECURITY

- Energy security now the primary driver for biogas investment rather than environmental concerns, however policy support is needed to cover the cost gap to fossil LNG.
- The sector is moving to create domestic, storable energy buffers that mitigate geopolitical risks (e.g. volatile oil prices or supply chain disruptions in the Strait of Hormuz).



ASIA HOLDS THE HIGHEST POTENTIAL AND IS TAKING CONCRETE STEPS TO REALISE IT



- China holds immense potential with limited conversion. It is experiencing a shift from legacy household digester system to medium and large-scale industrial facilities.
- Alongside industrial models, India is in the process of commercialising decentralized (farm and household) projects through cooperative networks.
- Brazil's biogas sector continues to grow (6% YoY increase in 2025) despite grappling with various business models and disparate gas infrastructure

MORE SECTORS ARE DRIVING BIOMETHANE DEMAND



The sector's momentum is now being driven by emerging demand from large energy users such as data centres, heavy transport, maritime, food and beverage, etc looking to decarbonise



New offtakers such as data centres need to prioritise on-site gas powered projects in the sequencing of the transition to greenpower

Regulatory uncertainty in demand sectors remains a barrier

e.g. The Net Zero Framework in consideration by the IMO must be adopted as soon as possible - or an equivalent framework

BIOMETHANE IS INCREASINGLY BANKABLE

- Appetite for biomethane lending is growing from regional banks to large international banks.
- Further action is needed in feedstock resilience, in monetisation of biomethane's environmental value backed by credible certification and in providing clarity in project revenue stack.
- Policy recognition of these externalities will greatly benefit the sector.



FARMING PRACTICES REQUIRE RETHINKING TO ENSURE CAPITALISATION OF FEEDSTOCKS AND DIGESTATE

- In the UK, biomethane is produced from a roughly equal mix of crop and food-waste tonnage and over three-quarters of growth to 2050 is expected to come from agricultural feedstocks, while food waste stays flat.
- Better nutrient management plans, quality standards and farmer confidence are needed to maximise digestate use



FOCUS ON SKILLS AND INCLUSION IS IMPERATIVE IN OUR GROWING SECTOR

Women in Biogas



- The gap between skills required for the scaleup of the industry and availability is large.
- Industry and governments must raise the profile of the sector and invest in defining and funding the required talent to compete for talent against more visible sectors like wind and solar.
- Training and staff workplace flexibility initiatives are top retention factors.

THERE IS URGENT NEED FOR GLOBAL REGULATORY HARMONISATION AND PERFORMANCE STANDARDISATION

The sector currently lacks the harmonised framework required to turn potential into reality globally

Standardised methodology is required for ensuring high level of performance and assessing LCA for biogas to facilitate cross border trade

The #MakingBiogasHappen programme's Global Biogas Regulatory Framework and ADCS International certification scheme give countries a ready-made, harmonised template to safely and rapidly scale anaerobic digestion in line with global methane-reduction targets

LET'S MAKE BIOGAS HAPPEN

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GLOBAL BIOGAS REGULATORY FRAMEWORK

GLOBAL BIOGAS REGULATORY FRAMEWORK

A biogas-specific framework with all the policies, regulations and standards that are needed to realise a high-performing biogas industry at the national level.



ADCS
INTERNATIONAL

ANAEROBIC DIGESTION CERTIFICATION SCHEME INTERNATIONAL

An independently audited, biogas-specific certification scheme designed to improve health, safety, environmental and operational performance.



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