

FUTURE OF BIOGAS EUROPE 2017

15th - 16th November 2017, London-UK



Exploring The Future of Anaerobic Digestion and Biogas Optimisation

KEY TOPICS:

- European Biogas Industry Outlook
- AD utilisation in the food and beverage industry
- Large Scale Biomethane Production: Case Studies & Examples
- Adoption of Biomethane in the Transport Sector
- Plant Upgrading and Optimisation with the Use of AD
- Sustainable Feedstock Selection
- Potential in the Landfill and Wastewater Treatment Sector
- Policy & Regulation: Key developments in the EU
- UK Biogas Market Focus
- Future insight: Looking to 2020 & Beyond

CONFIRMED SPEAKERS INCLUDE:



Richard Gueterbock
Director
Clearfleau Ltd



Rodica Faucon
Advanced Energy For Transport &
Environmental Impacts Expert
Renault Group



Gaynor Hartnell
Senior Biogas Advisor
Renewable Energy
Association



John Baldwin
Director
CNG Services Ltd



Jason M. Blake
Global Agribusiness Executive
NexSteppe



Michael Kottner
Vice President
German Biogas &
Bioenergy Society



Harmen Dekker
Marketing & Sales Manager
DMT Environmental
Technology



Dr. Jonathan Scurlock
Chief Adviser, Renewable Energy
& Climate Change
National Farmer's Union

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CONFERENCE VENUE:

LONDON MARRIOTT MARBLE ARCH
134 GEORGE STREET, LONDON, W1H 5DN



SUPPORTING PARTNERS:



SPONSORSHIP OPPORTUNITIES:

Hubert Sosnowski
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MORE INFORMATION OR REGISTRATION:

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Future of Biogas Europe 2017

London, United Kingdom

15th – 16th
November
2017

ACI's Future of Biogas Europe 2017 will bring together senior executives and experts from the full value chain to provide a forum for all parties active in the field of anaerobic degradation of organic matter and renewable energy production in the form of biogas.

Power producers, technology providers, agricultural sector, food and beverage industry, waste management industry and leading service providers are all impacted by the development of Biogas utilisation. The two day summit will bring them together to discuss the latest challenges, developments and future insights.

Confirmed Topics for Discussion:

- European Biogas Industry Outlook
- AD Utilisation in the Food & Beverage Sector
- Large scale biogas production: Case studies & examples
- Considerations When Building New Plants
- Adoption of Biomethane in the Transport Sector
- Policy & Regulation: Key Developments in the EU
- Biogas Plant Upgrading & Optimization - What to do Once the Plant is Running
- Emerging Markets for Biogas Applications
- UK biogas market focus
- Sustainable feedstock selection
- Potential in the Landfill & Wastewater Treatment Sector
- The Future of the Gas Network – What Could a Low Carbon Gas Mix Across the Whole UK Look Like?
- Future insight: Looking to 2020 and beyond



Opportunities to meet your target audience

A wide variety of commercial and sponsorship opportunities available - for more information please contact:

Hubert Sosnowski:

Tel: +48 61 646 9780 or Email: Hubert@acieu.net

Host city of London:



Why attend this event?

- Hear from high profile speakers sharing their knowledge and expertise
- Network with the industry leaders from the whole value chain
- Discover the latest technology innovations
- Participate in Q&A panel sessions

Who Should Attend:

Biogas production companies, Biogas technology suppliers, Energy & utility companies, Waste to energy project developers, Policy makers, Waste water treatment specialists, Biomass producers, Waste management specialists, Technology development & solution providers, National/local governments & industry/manufacturing investing in biogas facilities, Green Energy Financial & Investment firms, Research & academic organisations, High energy using industries, Consultants and analysts.

Registration is Simple:

If you would like to register for this event or wish to find out more information, you can contact **Mado Lampropoulou** by using any of the following methods:

Tel: +44 (0) 203 141 0607

Email: MLampropoulou@acieu.net

<http://www.acieu.net>

ACI Europe, 10 Gough Square, London,
EC4A 3DE, UK

DAY 1

Wednesday 15th November 2017

08:00 **REGISTRATION & COFFEE**

09:00 **CONFERENCE CHAIR OPENING REMARKS**



Gaynor Hartnell
Senior Policy Advisor
**Renewable Energy
Association - REA**

09:15 **KEYNOTE PRESENTATION**

European Biogas Industry Outlook

- Analysis of the European biogas & biomethane industry
- Key targets & projections for 2020 and beyond
- Sustainable energy policies & government support structures
- Scope for different & varied market applications



Michael Kottner
Vice President
**German Biogas &
Bioenergy Society GERBIO**

09:45 **CONFERENCE PRESENTATION**

On-site Anaerobic Digestion in the Food Sector

- Bio-energy & the Circular Economy
- Carbon reduction & other drivers
- Case Studies for on-site Digestion



Richard Gueterbock
Managing Director
Clearfleau Ltd

10:15 **The Future of Farm AD in the UK**

- Current farm AD status, UK policy & the impact of exiting the common agricultural policy
- What are the energy and non-energy benefits AD delivers?
- Can UK future farming policy help support the multitude of benefits AD delivers?



Ollie More
Head of Policy
ADBA

10:45 **MORNING REFRESHMENTS**

11:15 **CONFERENCE SESSION ONE**

Large Scale Biomethane Production: Case Studies & Examples

- Development of the several biomethane production techniques since 2011
- Market development of biomethane production sites world wide
- Complex world of making a project happen
- Case studies & Examples



Harmen Decker
Marketing & Sales
Manager
**DMT Environmental
Technology Ltd**

11:45 **Biomethane Injection into the Grid**

- Overview of the French market (number of plants online, market volume...)
- Political framework & the market drivers (Actual Subsidy System)
- New developments in the market
- Predictions for the Future



Zacaria Reddad
Project Manager Biogas &
Biomethane - Research &
Technology
Engie - CRIGEN

12:15 **Marketing of Biomethane – An Overview of Markets & Marketing Strategies in Europe**

- Overview over different markets (CHP, heating, fuel, input material for chemical industry) & their relative importance
- Customer requirements & boundary conditions in each market
- Marketing strategies
- Examples & further opportunities



Dr. Carsten Herbes
Director
**Nuertingen-Geislingen
University**

12:45 **CONFERENCE PRESENTATION**
Biogas Plant Upgrading & Optimisation with the use of Anaerobic Digestion

- Feedstock improvements
- Mechanical modifications
- Making digestate a high quality biofertiliser
- Improving biological activity
- Maximizing energy values



Thomas Minter
Managing Director
Malaby Biogas Ltd

13:15 **NETWORKING LUNCH**

14:15 CONFERENCE SESSION THREE Policy & Regulation: Key Developments in the European Union Overview & Prospects for Biomethane in Europe

- Growth of biogas production
- Growth of biomethane production
- Significance of biomethane
- EBA's key messages to EU
- European Renewable Gas Registry (ERGAr)
- Future prospects for biomethane in Europe



Michael Chesshire
Board Member
European Biogas Association (EBA)

15:45 Adding Value to Biomethane Production with Green Gas Certificates

- Understanding green gas consumers
- Why expiry dates and feedstocks matter
- How close are we to a European Renewable Gas Registry?
- Going beyond biomethane



Jesse Scharf
Certification Manager
Green Gas Certification Scheme

16:15 Sustainability Certification & Cross-Borders Trade of Biogas

- Sustainability certification of biogas
- Cross-Border trading of sustainable biogas
- Credibility of sustainability certification systems for biogas



Dr Peter Hawighorst
Project Manager
International Sustainability & Carbon Certification - ISCC

16:45 AFTERNOON REFRESHMENTS & NETWORKING

17:15 CONFERENCE SESSION TWO The European Commission's 2030 Renewable Energy Directive proposal for transport sector

- An update: Decarbonizing fuel transport using biofuels as fuel extenders
- The European Commission's perspective on food vs fuel
- What are advanced biofuels as defined by the REDII Directive, besides biogas?
- Air quality & Well to Wheel performance with respect to market fossil fuels

- Do they meet OEM's requirements?



Rodica Faucon
Advanced Energy for Transport
& Environmental Impacts Expert
Renault Group

17:35 Creating Renewable Biofuel from Waste Water to be used in Compressed Natural Gas (CNG) Powered Vehicles

- The new up-grading technology mainly consists on a water scrubbing system which uses primary wastewater from the WWTP to produce biomethane in situ.
- Main advantages: low energy demand, no regeneration of the CO₂ absorbent, flexibility: operation conditions can be set according to the WWTP demand and economically feasible at small scale.
- SEAT is evaluating the use of the biomethane as an automotive fuel, running two series LEON cars in long-term durability tests to verify the quality of the biofuel, as well as on-board monitoring of drivetrain and vehicle systems.



Pilar Icaran
Project Manager, Innovation & Technology
FCC Aqualia



Andrew Shepherd
Alternative Fuels Development Manager
SEAT S.A

18:05 CLOSE OF DAY ONE

DAY 2

Thursday 16th November 2017

08:00 REGISTRATION & COFFEE

08:30 CONFERENCE CHAIR OPENING REMARKS



Gaynor Hartnell
Senior Policy Advisor
Renewable Energy Association - REA

08:35 CONFERENCE PRESENTATION Sustainable Feedstock Selection

- Industrial feedstock solutions to support the growing biobased economy
- NexSteppe optimised industrial feedstock to support biogas production
- NexSteppe sorghum product line to catalyze new growth in biogas markets



Jason M. Blake
Global Vice President, Business
Development
NexSteppe Europe B.V.

09:05 CONFERENCE PRESENTATION THIOPAQ®, Over 25 Years of Experience in Biogas Desulphurization

- Principle of the THIOPAQ® technology
- Applicability & benefits for different types of downstream applications
- Long term results of full-scale THIOPAQ® installations treating various types of biogas



Maxime Remy
Process Specialist
Paques BV

09:35 CONFERENCE PRESENTATION Biomethane as a Fuel Alternative From Waste to Fuel - Efficient Biogas Upgrading

- Efficient Biogas upgrading with Evonik SEPURAN® Green membrane technology
- Project cases for small, medium and large scale installations
- From waste to fuel & how to make biomethane popular



Volker Wehber
Director
**Evonik Resource
Efficiency GmbH**

10:05 CONFERENCE PRESENTATION Energy Recovery & Zero Water - It's Possible - Here's how...

- This presentation focuses on two case studies whereby anaerobic technologies are applied to maximize both the energy and water
- Food production site in Poland - a site where waste & wastewater were upgraded to maximise biogas production (through Memthane + Anitamax) and 1/3 of the final effluent gets re-used in the production process. Biogas is also upgraded to green electricity
- Dairy plant in Mosselbay in South Africa - which utilises the production effluent to allow for maximum energy recovery and water re-use.



Dennis Korthout
Business Development
Manager
Veolia Water Technologies

10:35 MORNING REFRESHMENTS & NETWORKING

11:05 CONFERENCE PRESENTATION How to get the most of your Power Purchase Agreement (PPA) with a Renewable Supplier

- Benefits and risks of AD in a renewable portfolio
- Managing maintenance and onsite consumption to improve power price feedstocks
- 5 Tips for getting the best renewal price



Tom Matthews
Commercial Generation Manager
Good Energy

11:35 PANEL DISCUSSION The Future of the Gas Network – What Could a Low Carbon Gas Mix Across the Whole UK Look Like?

- Should there be a move to hydrogen as the vector for heat & if so over what timescale?
- What infrastructure changes would be required?
- What future options would be closed off by such a move & what opportunities might open up?
- What infrastructure changes would be required?



John Baldwin
Director
CNG Services Ltd



Chris Manson Whitton
Director
Progressive Energy Ltd



Richard Heap
Executive Analyst
Energy Research Partnership

12:55 NETWORKING LUNCH

13:55 CONFERENCE PRESENTATION Virtual Gas Pipelines: Exploiting the Full Potential of Biogas

- Overview of mobile gas storage & distribution solutions for biogas: Virtual pipelines
- Innovative distribution solutions: increasing customer portfolio & maximising the monetary value of biogas
- Project examples & tailored solutions

- Future outlook: biogas and hydrogen as energy vectors



Rafael Calvera
Director
Calvera Gas Technology



Enrique Troncoso
Consultant
Calvera Gas Technology

Peter Waller
Head of Construction
Amey Environmental Services

16:15 CONFERENCE CHAIR CLOSING REMARKS



Gaynor Hartnell
Senior Policy Advisor
Renewable Energy Association - REA

14:25 PANEL DISCUSSION Exploring the Longer-Term Future Potential of Biogas (2025-2035)

- Why bio-based methane may be the preferred renewable gas for heating
- Will reforming gas specifications allow more flexible use of gas networks?
- Other possible future applications of biomethane (heavy goods and aviation fuels, chemical syntheses)
- Setting an interim target for replacement of fossil natural gas



Katie Halter
Policy Advisor
Department for Business, Energy & Industrial Strategy



Dr. Jonathan Scurlock
Chief Adviser, Renewable Energy & Climate Change
National Farmers' Union



Philipp Lukas
CEO
Future Biogas Ltd



Dr. Jeremy Tomkinson
Chief Executive
National Non-Food Crops Centre, NNFCC



Jeremy Woods
Lecturer in Bioenergy
Imperial College London

16:20 END OF CONFERENCE & AFTERNOON REFRESHMENTS

Who Will You Meet? We have had a great response to this year's agenda with confirmed attendees to date including senior representatives from:

BP * CC Jensen Ltd * RWE * Orange Gas * Cadent * **Umoe Advanced Composites AS** * Essent Sales Portfolio Mgmt B.V. * Cargill B.V. * Future Biogas * Shell * Corona Energy * AXENS * Drax Power Limited * Desotec * Biogas Syd * Green Gas Certification Scheme * Imperial College London * Npower Limited * Arla Foods Amba * The Bioenergy International * Ammongas A/S * BUTANGAS SPA - Veroniki Holding Spa * Air Liquide Advanced Business And Technologies UK * Carlow Kilkenny Energy Agency * Ence, Energía Y Celulosa * POLITECNICO DI TORINO – DISAT * SEAT S.A * FCC Aqualia * Institute for International Research On Sustainable Management And Renewable Energy (ISR) * Good Energy * Energy Research Partnership * Department for Business, Energy and Industrial Strategy * NNFCC The Bioeconomy Consultants * ISCC System GmbH * Amey * Greener For Life * German Biogas and Bioenergy Society GERBIO * Renewable Energy Association REA * Progressive Energy * UK Energy Research Centre UKERC * Northern Gas Networks Limited * CNG Services * Good Energy * Clearfleau Ltd * NexSteppe Europe B.V. * DMT Environmental Technology * Groupe Renault - Alliance Research Division and many more...

15:45 CONFERENCE PRESENTATION Potential in the Landfill & Wastewater Treatment Sector

- Sewage sludge & wastewater treatment plants (WWTP)
- Optimising the extraction of landfill gas
- Effective removal of contaminants

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Registration Is Simple

Conference (Includes Access to All Documentation) 15th & 16th November 2017	£1,595.00 (ex..VAT)
Documentation Packet Only	£420.00

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +44 (0) 20 3141 0607.

Documentation Packet Available

We are selling the Future of Biogas Europe 2017 papers at just £395 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

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Accommodation

The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.