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Bringing biomass markets closer

international Biogas
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innovations in biogas

BRUSSELS | 16-17 MAY 2023

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Biomass Agenda

DAY ONE: 16 May 2023

- 09:30 Opening remarks from the Chair**
Mark Sommerfeld, Head of Power and Flexibility, Association for Renewable Energy and Clean Technology – REA
- 09:45 Green travel: Biomass in Lignofuels and SAF**
> Green fuels as a pathway to net zero
> Opportunities and challenges
> Producer's perspective on feedstock availability
Jens Price Wolf, General Manager Europe and Vice President Commercial, Enviva
- 10:15 The role of bioenergy within the European green deal**
Ennio Prizzi, Policy Officer, Bioenergy Europe
- 10:45 Networking break**
- 11:15 Outlook on the woodchip market**
Luca Corello, Head Trader, Duferco Biomasse
- 11:45 Waste Wood as Feedstock for Energy and Other Uses in Europe**
Anup Mishra, Consultant, Indufor
- 12:15 Q&A with this morning's speakers**
- 12:30 Networking lunch** Sponsored by **Cytiva** 
- 13:30 Opening remarks from the Chair**
Mark Sommerfeld, Head of Power and Flexibility, Association for Renewable Energy and Clean Technology – REA
- 13:40 Overcoming challenges of biomass feedstock sourcing in the Nordics**
> How feedstock markets are changing
> Fluctuating feedstock prices and the effect of national subsidies in Finland and Sweden
> Collecting value for digestate
Anna-Mari Satosalmi, Senior manager, Feedstock and Fertilizers, Gasum
- 14:15 The World Market for Biopower plants**
> Key market drivers and trends for biomass to power development
> The global BiP plant asset with regard to capacity, fuel and technology
> Global BiP market outlook
> Focus on the German BiP market
Richard Mertens, Advisor, Ecoprog
- 14:45 Global pellet market, an overview**
> Global demand for industrial pellets
> Global demand for residential pellets
> Global supply of pellets
> Global pellet market conditions
> Pellet price
Gilles Gauthier, Research and Business Development Manager, Hawkins Wright
- 15:15 Networking break**
- 15:45 How to make a pellet production more sustainable**
> Increase the potential for producing more pellets
> Increase the robustness of a pellet plant with multiple products and services
> Options for a negative carbon footprint
Jan Demmer, Co-founder, Jalo-Biopellets
- 16:15 Negative emissions at high efficiency by chemical-looping combustion- For Biomass session**
Tommy Sand, Manager, Product Development, Alleima

- 16:45 Networking drinks with the Biogas & Biofuels participants**
Sponsored by **Titan** 

DAY TWO: 17 May 2023

- 09:30 Opening remarks from the Chair**
Mark Sommerfeld, Head of Power and Flexibility, Association for Renewable Energy and Clean Technology – REA
- 09:45 Will there be wood? – a market update**
Lauma Kazusa, Head Of Market Analysis, SUEZ Trading Europe
- 10:15 How to increase and source more pellets**
Nicholas B Dottino, CEO, Graanul Invest
- 10:45 Networking break**
Sponsored by **Arkema** 
- 11:15 Latest developments in the bioenergy sector and future role in net zero energy system**
> Latest statistics on bioenergy production, consumption and trade
> Role of bioenergy in net zero energy future
> Key future market trends as opportunities for bioenergy growth
Bharadwaj Kummamuru, Executive Director, World Bioenergy Association
- 11:45 SURE certification: Certifying compliance with RED II**
> Current situation of legal requirements on bioenergy from European Commission
> SURE certification process and experience in implementing RED II
Amparo Arellano, Senior Expert, Sustainability Certification, SURE
- 12:15 Panel discussion with this morning's speakers**
- 12:45 Networking lunch**
- 14:00 Opening remarks from the Chair**
Mark Sommerfeld, Head of Power and Flexibility, Association for Renewable Energy and Clean Technology – REA
- 14:05 New markets and alternative biomass: structural feedstock trends in the European biomass market**
> Overview of the market for alternatives
> How alternatives can supplement the established pellet market
> Alternatives as the Next-Gen feedstock for biofuel and renewable energy production
Victor Smith, Head of Alternative Biomass Portfolio, CM Biomass
- 14:30 How is European policy affecting biomass trading in Europe?**
Daniel Madrid, Trading Manager, Generandi
- 15:00 Networking break**
Sponsored by **Arkema** 
- 15:30 Alternative biomass: the potential of hemp as a feedstock**
> Introduction to industrial hemp as a starfuel of the future
> Using data and technology to deliver demand-driven, agri-biomass supply chains
> The role of hemp in achieving Net Zero across the energy sector and others (construction and feed)
Jamie Lewis, Co-Founder, Rare Earth Global
- 16:00 End of conference**

DAY ONE: 16 May 2023

- 09:20 Opening remarks from the Chair**
Charlotte Morton, Chief Executive, World Biogas Association
- 09:30 The outlook for biogases in the global energy transition**
> Assessing the potential to scale up biogas and biomethane production
> How to incentivise biomethane development
Peter Zeniewski, Lead Gas Analyst, IEA
- 10:00 Outlook for the European market**
Mieke Décorte, Technical and Project Manager, European Biogas Association
- 10:30 Networking break**
- 11:00 A role banks can play in accelerating biogas production and expansion**
> Biogas is lever to decarbonise
> Near-term challenges of the biogas industry
> What makes biogas projects bankable and attractive for financing
Tom Cassidy, Standard Chartered
- 11:30 Insights into the German biogas market**
> Difficulties with regional Bio-LNG production
> Potential availability of renewable CO2 from biogas in Germany
Lena Friedmann, CM Fluids
- 12:00 Outlook for the Global Biogas Market**
Charlotte Morton, Chief Executive, World Biogas Association
- 12:35 Networking lunch** Sponsored by Cytiva 
- 14:00 Opening remarks from the Chair**
- 14:15 Integrating biogas into the national grid: Denmark**
> Danish biomethane experiences
> Guarantees of Origin as key driver
> Biomethane and security of supply
> How to reach a 100% green gas grid in 2030
Bothilde Benedikt Nielsen, International economist, Energinet
- 14:45 Industrial scale Biomethane production to supply Bio-LNG**
> Benefits and downsides of industrial scale sites
> Bio-LNG for hard-to-decarbonise sectors
Christian Cuenot, VP Biomethane & Bio-LNG, VARO Energy
- 15:15 Networking break**
- 15:45 Energy self-sufficiency through waste processing of brewery spent grain: green electricity, biomethane and sustainably produced steam from biogas**
Reinhold Waltenberger, Process Engineer – Biogas, BDI – BioEnergy International
- 16:15 How to reach the Biomethane global goals by constructing more biogas plants – in a fast and economically viable way**
Petter Jacobsen, Chief Commercial Officer, Antec Biogas

- 16:45 Networking drinks with the Biomass & Biofuels participants**
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DAY TWO: 17 May 2023

- 09:30 Welcoming remarks from the Chair**
- 09:45 Scaling up net-zero marine fuels with bioLNG production**
> The EU's Fit for 55 package and drivers in shipping decarbonisation
> Opportunities for the adoption of biofuels in shipping
> The world's largest biomethane liquefaction plant: A case study
> The realities of sourcing biomethane in Europe
Caspar Gooren, Carbon Zero Director, Titan
- 10:15 Green gas and carbon removals**
> An overview of Future Biogas' Project Carbon Harvest – a venture to design and operate the next generation of AD plants delivering Bioenergy with Carbon Capture and Storage (BECCS)
> How unsubsidised biomethane presents the most cost effective and ready-to-use solution for decarbonisation, capable of demonstrating additionality
Nick Primmer, Policy Advisor, Future Biogas
- 10:45 Networking break**
Sponsored by Arkema 
- 11:15 Bio-LNG production in context of the EU/German Renewable Energy and Climate Change legislation**
> Context of EU RED II and Germany legislation for production of biofuels
> Project framework of two small-scale liquefaction showcase projects in Germany, funded, built and operated by HZI (with partners)
> Environmental benefits of projects, producing Bio-LNG, green liquid CO2 and carbon emission reductions, i.e. GHG Quota under German's implementation of RED II
> Important aspects / lessons learnt in developing such projects
Lukas Heer, Senior Project Development Manager, Hitachi Zosen Inova
- 12:15 Q&A with this morning's speakers**
- 12:45 Networking lunch**
- 14:00 Opening remarks from the Chair**
Michael Kottner, CEO and Senior Expert Consultant, IBBK Fachgruppe Biogas
- 14:05 How does the RePowerEU 35bcm target feed into the discussion on the Gas Package revision?**
Anaïs Faucher, Policy Advisor, Eurogas
- 14:30 Financing the booming biomethane markets across Europe**
Laurent Thery, Senior Advisor, Eiffel Investment Group
- 15:00 Networking break**
Sponsored by Arkema 
- 15:30 Biogas to hydrogen and solid carbon by the ColdSpark® methane pyrolysis process**
> Energy efficient Bio-Hydrogen production
> Decentralised process with small footprint next to biogas plants
> Additional CO2 elimination from the atmosphere
> Energy and solid carbon production with additional added value opportunity
> This technology actively eliminates carbon from the atmosphere in a decentralised way
> Novelty compared to CCS in big underground caverns with uncertain success
Michael Köttner, CEO and Senior Expert Consultant, IBBK Fachgruppe Biogas
- 16:00 End of conference**

DAY ONE: 16 May 2023

- 08:55 Welcome introduction**
Peter Patterson, CEO and Founder, Biofuels International & Woodcote Media Ltd
- 09:00 Welcoming remarks from the Chair**
David Carpintero, Director General, ePURE
- 09:05 The role of biofuels in securing security of supply**
> Progress on Fit for 55
> The race for feedstocks
> Prospects of the industry, 2030 and beyond
Olivier Macé, Biofuels Director, Independent Consultant
- 09:30 Outlook for the European Biodiesel market**
Xavier Noyon, Secretary General, European Biodiesel Board
- 09:55 The latest EU policy developments related to ethanol**
David Carpintero, Director General, ePURE
- 10:20 Networking break**
- 10:45 Impact of recent legislative developments on European biofuel supply and demand fundamentals**
Cornelius Claey's, Director, Biofuels, Stratas Advisors
- 11:10 The latest changes and impacts in non-European markets restricting the export of UCO to the European Union**
Karl W. Feilder, Founder, Neutral Fuels Holdings
- 11:45 The role of technology in the production, supply and advancement of biofuels**
Andrew Murfin, GM New Fuels, Shell
- 12:15 Networking lunch** Sponsored by Cytiva 
- 13:15 Welcome remarks from the chair**
Barinder JS Ghai, Director Technical Marketing and New Business Development, EMEA, Alleima
- 13:20 Future Of Biofuels: Proven pathways to utilize our waste**
Dennis Chafiá, Manager Business Development, GIDARA Energy
- 13:45 Joining global efforts to upscale feedstocks for the production of biofuels**
Dana White, Biofuels Manager NW Europe, Bureau Veritas Commodities NWE
- 14:15 U.S. Biofuel Regulatory Landscape: Challenges and Solutions for Feedstock Traceability**
Dani Charles, VP of Strategy, Saint Paul Commodities
- 14:45 Key success factors for growth of SAF**
> Current status and outlook for the growth of SAF supply
> Key success factors – demand – regulated and voluntary; supply – feedstocks, capacity and emerging production technologies
> Latest news on Neste growth
Jonathan Wood, VP Europe-MEA, Renewable Aviation, Neste
- 15:15 Networking break**
- 15:40 Technical Analysis of first generation biofuel feedstocks as well as the then current situation of the fossil fuel energy market in comparison**
Eddie Topik, Head of Technical Analysis & Senior Markets Analyst, ADM
- 16:05 Unlocking the potential of alternative feedstocks with efficient pre-treatment**
Carlos Rodríguez Gaya, Head of Technical Sales and Product Manager, Clariant
- 16:25 Counting all the Carbon – Measure, Report, Verify & Create New Value**
Jason Libersky, Chief Product Officer, Gevo Inc
- 16:50 BioTfuel[®], a unique and integrated technology suite from Biomass to SAF**
> End to end solution from biomass to final products
> Successfully validated and optimized on large scale demo units
> Flexible and competitive pathway ready for SAF take-off
Guillaume Chevion, Lead Technology Engineer – Renewables Product Line, Axens
- 17:15 Networking drinks with the Biogas & Biomass participants**
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DAY TWO: 17 May 2023

- 09:10 Welcoming remarks from the Chair**
André Paula Santos, Public Affairs Director, European Biodiesel Board – EBB
- 09:15 IEA's Net Zero Scenario: an evolving role for biofuels**
> Advanced biofuel use in the IEA's Net Zero by 2050 scenario, with a focus on sustainable aviation fuels (including synthetic kerosene)
> Biofuels as a share of total bioenergy usage in the IEA Net Zero by 2050 scenario
> The remaining innovation/technology gaps required to achieve large-scale deployment
Praveen Bains, Clean Energy Modeller, IEA
- 09:40 What are challenges and opportunities for SAF in the air freight industry?**
Michiel Potjer, Chief of Staff to EVP Air France KLM Martinair Cargo & Sustainability Lead, AFKMLP
- 10:00 The future of biofuels in aviation and road transportation**
Niels Anspach, Biofuels Value Chain, BP
- 10:30 Networking break** Sponsored by Arkema 
- 10:55 How are airlines working across the value chain to develop SAF production to meet supply needs at the right price?**
Ann-Sofie Hörlin, Head of Sustainability, Scandinavian Airlines (SAS)
- 11:20 The SAF market – the need for SAF to reach climate proposals in the UK and Europe**
> Alfanar's role of a developer in their SAF project
> How policy will affect project developers and the type of projects being brought to market
Mishal Almutlaq, CIO – Global Development, Alfanar
- 11:45 LanzaJet ATJ pathway – someday is Now**
Stephane Thion, General Manager EMEA, LanzaJet
- 12:05 Global financing models for SAF**
> Do supply mandates help to make SAF projects more bankable? Which mandates are most progressed so far?
> What has been the impact of the US Inflation Reduction Act and other government interventions (e.g. seed funding)?
> Are there alternative ways of improving revenue certainty for project developers?
> Which markets are currently most attractive for investors and how might that shift over time?
Rachel Solomon Williams, Associate Director, Low Carbon Fuels, KPMG
- 12:30 Decarbonising the aviation industry with SAF**
> Highlighting three innovative routes to sustainable aviation fuel production
Paul Ticehurst, Business Development Director, Johnson Matthey
- 13:00 Networking lunch**
- 14:00 Opening remarks from the Chair**
- 14:05 Case study: Producing sustainable aviation fuel based on green hydrogen and carbon from biomass**
Theo Pretorius, VP ecoFT Technology & Engineering, Sasol ecoFT
- 14:30 A sustainable path to develop the globally required SAF production capacity**
David Dwek, Senior Analyst, Future Fuels, SkyNRG
- 15:00 Networking break** Sponsored by Arkema 
- 15:20 Decarbonising: Role for U.S. Ethanol**
Michael Lorenz, Senior Vice President of Global Market Development, Growth Energy
- 15:40 Isotopes and Radio carbon applications in biofuel industry**
> Determining the modern carbon content of biofuels and biojets using radiocarbon analysis and determining the nature of the biomass using stable isotopes
Oliver Bobin, Scientific Director, Ciram
- 16:00 End of conference**