

LIGNOFUELS 2016

20 - 21 JANUARY, MUNICH, GERMANY



Advancements Towards Commercial Lignofuel Production



Key Topics

- Lignofuel industry outlook & upcoming projects
- Technological challenges in lignofuel production
- Policies & regulatory framework
- Optimization of existing pre treatment processes
- Lignofuel R&D projects
- Financing projects in lignofuel sector
- Alternative business and diversification of products
- Lignofuels case studies

Previous Speakers Include Senior Representatives from

Abengoa Bioenergy, Biogasol, Borregaard, BP Europa, Chemrec, Clariant, CTBE, DSM, DONG Energy, Dupont Danisco, E.ON Biogas, ExxonMobil Research&Engineering, Inbicon, Metgen, Repsol, SEKAB, Statoil, UPM Biofuels, Virent and many more...

Exclusive Site Visit

During the afternoon of **Tuesday, 19th January 2016**, a limited number of conference attendees will receive a unique opportunity to join an **exclusive site visit** at Clariant's pre-commercial scale **Sunliquid Plant** in **Straubing, Germany**.



Copyright: Clariant, Photo: Roetzer

There is no additional cost to join the site visit, but spaces are strictly limited and allocated on a first come, first served basis.

Please confirm your interest in attending when booking for the conference.

Sponsorship & Exhibition Opportunities:

Maureen Ignacio +44(0)203 141 0636
or mignacio@acieu.net

More Information & Registration:

Dimitri Pavlyk +44(0)203 141 0627
or dpavlyk@acieu.net

ACI's 8th Annual Lignofuels Summit will be taking place in Munich, Germany, on 20-21 January 2016. The two day conference will bring together key industry stakeholders to discuss policy frameworks & innovative commercial technologies in the production of lignofuels.

KEY AREAS OF FOCUS

- Lignofuel industry outlook & upcoming projects
- Technological challenges in lignofuel production
- Policies & regulatory framework
- Optimisation of existing pre treatment processes
- Lignofuels R&D projects
- Financing projects in lignofuel sector
- Alternative business and diversification of products
- Case studies

WHO WILL YOU MEET AT THIS EVENT?

Technical, strategic and business development executives from first and advanced generation biofuels producers, oil refiners, process technology providers, enzyme developers, engineering firms and agribusiness as well as traders & brokers, automotive & aviation industries, financiers, investors, consultants and chemical companies.

PREVIOUS ATTENDEES INCLUDE

* Abengoa Bioenergy * Accelergy Corporation * Acpc02 * ADEME * Adewunmi Oil * Advanced BioFuels Corp. * Alcogroup * Alfalaval Nordic * Ambiensys * American Process Inc * Andritz * Andritz Energy & Environment * APPA * ArborGen * BASF SE * BBSRC * Bio Base Europe * BIOECON * BioGasol * Biologisk Institut * Biotins-Energia * Bloomberg New Energy Finance * Borealis AB * BP Europa SE/GFT * BTG Bioliquids * Chalmers University Of Technology * Chempolis * Chemrec * Chromatin * Clariant * Cool Planet Energy * COWI * CTBE * Delft University Of Technology & DSM * DONG Energy Power * DONG Energy Power New Bio Solutions, Inbicon * DTU * DuPont Danisco Cellulosic Ethanol * DuPont Industrial Biosciences * E.ON Biogas * E4tech * ECN * Ecofys Germany * EIB Luxembourg * Evonik Industries AG * ExxonMobil Research & Engineering * Fibright * Fermentis Division Of S.I. Lesaffre * Flint Hills Resources * Fortum Power & Heat Oy * Fraunhofer Institut Für Chemische Technologie * Future Blends * GEA Westfalia * Gembloux Agro-Bio Tech Université De Liège * Goteborg Energi * Green Biologics * HGCA * Hte Aktiengesellschaft * ICCT * IFP Energies Nouvelles * IHS Global * Imperial College London * Infinite Enzymes/Arkansas State University * Inspectorate Antwerp NV * IST * JM Davy * JSC Latvia's State Forests * Karlsruhe Institute Of Technology * KIC-InnoEnergy * Knowledge Centre For Agriculture * Laborelec * Lawrence Berkeley National Laboratory * Lignol Innovations * M&G/Chemtex * Mascoma Coproration * ME3 - KTH * Mercurius Biofuels * Metgen * Michigan State University * M-real Hallein AG * NNFC * Neste Jacobs Oy * Neste Oil * NIBC Bank NV * NIRAS * North Carolina State University * Novozymes * OMV Solutions * OptaFuel * Perialisi Maip SPA * Parametrix * Port of Rotterdam * Poyry * Primus Green Energy * Protista International AB * Ramboll * RB3 Project - Mondi SCP * REAC Fuel * Red Rock Biofuels * Repsol * Siemens Industry Software * Sotmet Energy * Southern Research Institute * SQ Consult * Statoil ASA * Stites & Associates * Sterne, Kessler, Goldstein & Fox * Sulzer Pumps Finland Oy * Sumitomo Chemical Europe * Sunoco * S.A./N.V. * Svanholm.com * Synthos Group * TM Industrial Supply * TNO * Tommy Larsen ApS * University of Applied Sciences Upper Austria, Wels * UPM Biofuels * UPM-Kymmene * VALAGRO Association * VIB & KULeuven * VITO NV * Volkswagen AG * Weyland and many more...

EXCLUSIVE SITE VISIT



Clariant's pre-commercial scale Sunliquid plant in Straubing, Germany, on Tuesday 19th January 2016

During the afternoon of Tuesday 19th January 2016, a limited number of conference attendees will have the opportunity to join an exclusive site visit.

There is no extra charge to attend the site visit, but spaces are limited and allocated on a first come first served basis. Please register your attendance for the site visit when booking for the conference.

SPEAKING OPPORTUNITIES

If you would like to be considered as a speaker for the event with a 30-45 minute presentation, please submit an abstract to:

Samanta Fawcett, Conference Producer, ACI,

Tel: +44 (0)20 3141 0624 Email: sfawcett@acieu.net

OPPORTUNITIES TO MEET YOUR TARGET AUDIENCE

Showcase your technologies to the advanced biofuels industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference.

For information on available sponsorship and exhibition opportunities, please contact: **Maureen Ignacio** Tel: +44 (0)20 3141 0636 or Email: mignacio@acieu.net

REGISTRATION IS SIMPLE

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

☎ +44 (0) 203 141 0627

@ dpavlyk@acieu.net

www <http://www.acieu.net>

📍 ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

DAY 1

Wednesday 20th January 2016

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

Erik C. Wormslev
Director Innovation
NIRAS

09:15 **CONFERENCE PRESENTATION**
Lignofuels industry outlook

- Advanced biofuels: European market update
- Challenges and opportunities for advanced generation biofuel producers
- Facing competition to other liquid motorfuels
- Current status in commercialisation of lignofuels
- Determining the options for evolution of first generation biofuel production sites into lignofuels sites

Dr Sergio Ugarte
Managing Director
SQ Consult B.V.

10:00 **KEYNOTE PRESENTATION**
Commercial scale production of lignocellulosic ethanol

- Lignocellulosic biomass and feedstock availability
- Successfully progressing in processing technologies of advanced generation biofuels
- Update on current conversion methods
- Sustainable production processes

Dr Markus Rarbach
Head of Biofuels & Derivatives
Clariant

10:45 **MORNING REFRESHMENTS**

11:15 **CONFERENCE PRESENTATION**
Policies & regulatory framework

- ILUC implementation in the EU
- 2030 Energy and Circular Economy packages
- Commercial and public support schemes
- Targets of EU renewable sector
- Sustainable cultivation of agricultural land
- EU Horizon 2020 update

12:00 **CONFERENCE PRESENTATION**

Optimisation of existing pre treatment processes

- Overview of different pre treatment methods, solving technological problems
- Enzymatic challenges in modern bio refineries
- Economic and technical barriers in biomass pre treatment

Markku Patajoki
R&D Manager, Biotechnology
Neste Oil Corporation

12:50 **LUNCH**

14:00 **PANEL DISCUSSION**

Challenges faced by producers

- Challenges of producing biofuels and cost implications
- Effective ways of reducing production costs
- Procurement of feedstocks
- From feedstock to the biofuel: supply chain limitations
- Outsourcing of process technology to produce cellulosic ethanol
- Sustainable production processes

15:30 **AFTERNOON REFRESHMENTS**

16:00 **CONFERENCE PRESENTATION**
Financing projects in lignofuel sector

- Dependency on Government subsidies
- Project financing in BTL developments

16:45 **CONFERENCE SESSION ONE**
Alternative business and diversification of products

- Future trends of pulp and paper industry
- Different applications - opportunities in plastic sector
- Forestry residues to aviation biofuels
- Transforming polymers to biofuels

Silvio Mergner
Senior Consultant
Pöyry Management Consulting

18:00 **CLOSE OF DAY ONE**

DAY 2

Thursday 21st January 2016

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

Erik C. Wormslev
Director Innovation
NIRAS

09:10 **CONFERENCE SESSION TWO**
Alternative feedstocks

- Waste gasification
- Clean syngas in thermochemical production of advanced biofuels

Geraint Evans
Program Manager - Bioenergy
Energy Technologies Institute

- The use of MSW or any other waste to produce ethanol
- Uncertainties in feedstock cost and feedstock availability for lignofuel production. Do we have enough and is it commercially viable?
- CO₂ as a feedstock

Patrick Pitkänen
Head of Business Development
St1 Biofuels Oy

- CO₂ reduction process demonstration
- MSW utilisation to recover resource
- Biomass source overview

Jhuma Sadhukhan
Centre for Environmental Strategy
University of Surrey

10:25 **CONFERENCE PRESENTATION**
Re-assessing environmental impact & sustainability standards

- Evolution of Sustainability audits in the Biofuel
- Implementation of GHG emission reduction quotas in EU
- Carbon footprint analysis

Jaime Rodrigo Poch
General Manager
CGN Certification

11:10 **MORNING REFRESHMENTS**

11:40 **CONFERENCE SESSION THREE**
Case studies of commercial cellulosic ethanol plants

Dina Bakovsky
Unit Head Biofuels
Bioenergy 2020+

Patrick Pitkänen
Head of Business Development
St1 Biofuels Oy

- Commercial scale flagships
- Pilot and demonstration facilities, projects in EU

12:55 **LUNCH**

14:00 **CONFERENCE SESSION FOUR**
Latest technology advancements facilitating commercial production volumes

- Advancements in thermochemical and biochemical conversion technology on lignocellulosic biomass
- R&D and latest developments
- Recent projects and innovation

- Bridging gaps between research and markets

15:50 **CHAIRMAN'S CLOSING REMARKS**

16:00 **END OF CONFERENCE & AFTERNOON REFRESHMENTS**


For Speaking Opportunities

If you would like to give a 30-45 min presentation at the conference please contact:

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Conference (Includes Documentation Packet)
20-21 January 2016

£1,495.00
(ex.Vat)

Documentation Packet Only

£420.00

Please Note.

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

For more information please call Dimitri on +44 (0) 20 3141 0627.

DOCUMENTATION PACKET

We are selling the Lignofuels 2016 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.

ABOUT ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.

TERMS & CONDITIONS

Payment

Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call Dimitri Pavlyk on +44 (0) 20 3141 0627 for more information.

Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

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.