

Lignofuels 2015

21st & 22nd January

Madrid, Spain

Policy Frameworks & Innovative, Commercial Technologies in the Production of Lignofuels

Key Topics Include:

- Global Market Outlook & Future Developments
- European Dynamics for 2G Biofuels
- Economic & Political Strategies
- Production Case Studies
- Lignofuels R&D Projects
- Innovation in Biochemical Conversion
- Thermochemical Conversion Technology
- Genetic Engineering & Enzymes Innovations



Previous Speakers Include Senior Representatives from

Abengoa Bioenergy, Biogasol, Biométhodes, Borregaard, BP Europa, Chemrec, Clariant, CTBE, DSM, DONG Energy, Dupont Danisco, E.ON Biogas, ExxonMobil Research & Engineering, Green Biologics, Inbicon, Lignol Innovations, Mascoma Corporation, M&G/Chemtex, Metgen, Neste Oil, Novozymes, Preem, Repsol, SEKAB, Statoil, UPM Biofuels, Virent, Volkswagen, Weyland and many more...

With Thanks to
Our Sponsor



Exclusive Site Visit - Abengoa Bioenergy's W2B Demo Plant

During the afternoon of 20th January 2015 up to 25 conference attendees will receive a unique opportunity to visit Abengoa Bioenergy's W2B Demonstration Plant in Salamanca.

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.



Sponsorship & Exhibition Opportunities:

Maureen Ignacio

+44 (0) 20 3141 6036 or mignacio@acieu.net

More Information & Registration:

Dimitri Pavlyk

+44 (0) 20 3141 6027 or dpavlyk@acieu.net

ACI's 6th Annual Lignofuels Summit will be taking place in Madrid, Spain on 21- 22 January 2015. 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

- Global Market Outlook & Future Developments
- European Dynamics for 2G Biofuels
- Economy & Policy Strategies
- Production Case Studies
- Lignofuels R&D Projects
- Innovation in Biochemical Conversion
- Thermochemical Conversion Technology
- Genetic Engineering & Enzymes Innovations

Who You Will 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 * Accelry Corporation * Acpc2 * 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 * Fiberight * 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 * NNFCC * Neste Jacobs Oy * Neste Oil * NIBC Bank NV * NIRAS * North Carolina State University * Novozymes * OMV Solutions * OptaFuel * Peralisi 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 * Solmet 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



Abengoa Bioenergy's W2B Demonstration Plant – Tuesday 20th January 2015

During the afternoon of Tuesday 20th January 2015, a limited number of conference attendees will have the opportunity to join an exclusive site visit.

The plant has capacity to treat 25,000 tons of municipal solid waste (MSW) from which it will obtain up to 1.5 million liters of bioethanol, using technology developed by Abengoa to produce 2nd generation biofuels from MSW using a fermentation and enzymatic hydrolysis treatment. During the transformation process, the organic matter is treated in various ways to produce organic fiber that is rich in cellulose and hemicellulose, which is subsequently converted into bioethanol.

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.

For more information or to register your attendance please contact Dimitri Pavlyk on +44(0) 203 141 0627 or dpavlyk@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 info, you can contact **Dimitri Pavlyk** using any of the following methods:

 +44 (0) 203 141 0627

 dpavlyk@acieu.net

 <http://www.acius.net>

 **Postal Address:**

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

Policy Frameworks & Innovative, Commercial Technologies in the Production of Lignofuels

DAY 1

Wednesday 21st January 2015

08:00 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING REMARKS

09:15 SESSION ONE

Global Market Outlook & Future Developments

- Update of the global challenges & opportunities faced by the cellulosic ethanol production
- Assess the demand of ethanol in the transportation market
- Where next? – Identify emerging markets in the production of lignofuels
- Examine future trends

Senior Representative
Foreign Agricultural Service, U.S.
Department of Agriculture
*Subject to final confirmation

10:30 MORNING REFRESHMENTS

11:00 SESSION TWO

European Dynamics for 2G Biofuels

- Examine the latest developments in the European 2G biofuels market – a focus on feedstock availability, commercial plants and policy framework
- The contribution of lignofuels to Europe's renewable energy targets: will ethanol influence on the reduction of GHG by 2020?
- Assess business opportunities to achieve efficiency and cost-reduction to lignocellulosic ethanol production

12:15 LUNCH

13:30 PANEL DISCUSSION

Economic & Political Strategies

An interactive debate on economical and regulatory strategies for a secure, sustainable and viable 2G biofuels market; panellists will consider current policies on advanced biofuels development, their effect on the industry and suggested alternatives. We will also consider the impact of incentives for lignofuels production in an interactive debate between regulators, economists, consultants and 2G biofuels producers.

Francisco José Domínguez Pérez
Department of Biofuels
Institute for Energy Diversification and Saving - Ministry of Industry, Energy and Tourism

15:00 AFTERNOON REFRESHMENTS

15:30 SESSION THREE

Production Case Studies

- Hear four case studies addressing new advances in lignofuels production: considering unique projects, new demo plants and innovative technologies to achieve maximum efficiency
- **Ethanol Production From Waste and Process Residues**
- Utilizing various waste and process residues as feedstock for ethanol production
- Building and integrating an ethanol production plant at an existing oil refinery
- Using feedstock's and technology to produce almost carbon-neutral ethanol

Patrick Pitkänen
Head of Sales and Business Development
St1 Biofuels Oy

17:20 CHAIRMAN'S SUMMATION

17:30 CLOSE OF DAY ONE

For Speaking Opportunities

If you would like to be considered as a speaker for the event please contact:

Stergios Zacharakis

+44 (0)20 3141 0609

email szacharakis@acieu.net

Policy Frameworks & Innovative, Commercial Technologies in the Production of Lignofuels

DAY 2

Thursday 22nd January 2015

08:30 **REGISTRATION & COFFEE**

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

09:10 **SESSION FOUR**

Lignofuels R&D Projects

Five leading R&D experts will be given 15 minutes each to present their most current & cutting-edge projects and research to our participants, followed by 30 minutes for discussions amongst the chair, panellists and participants.

Al Costa
CEO
Alkol
*Subject to final confirmation

Edgar Ahn
CSO and Head of R&D
BDI - BioEnergy International AG

10:55 **MORNING REFRESHMENTS**

11:15 **SESSION FIVE**

Innovation in Biochemical Conversion

- Recent developments in pre-treatment
- Innovation in biotechnology: Enzymatic hydrolysis breakthroughs
- Address new technologies in metabolic engineering used in fuel ethanol fermentation: efficient yeast cell and other microorganisms

12:30 **LUNCH**

13:30 **SESSION SIX**

Thermochemical Conversion Technology

- Explore innovative thermal conversion processes of lignocellulosic biomass
- Examine new developments in catalytic pyrolysis processes to produce cost-effective lignocellulosic biofuels
- Address emerging technologies in syngas combustion processes

14:45 **AFTERNOON REFRESHMENTS**

15:15 **CONFERENCE PRESENTATION**
Genetic Engineering & Enzymes Innovations

- Identify new enzyme developments in the market and forecasts
- The challenge of enzyme cost in lignofuels production and how new technologies play a major role - production time reduction and cost-effectiveness input
- Future perspectives for cellulose enzyme technologies



Alex Michine
CEO
Metgen

16:15 **CHAIRMAN'S CLOSING REMARKS**

16:25 **END OF CONFERENCE**



Sponsorship and Exhibition:
For commercial opportunities please contact:

Maureen Ignacio
Tel: +44 (0) 20 3141 0636
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](mailto:Dimitri.Pavlyk@acieu.net) using any of the following methods:

 +44 (0) 20 3141 0627

 dpavlyk@acieu.net

 <http://www.acius.net>

 **Postal Address:**
ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

Registration Is Simple

Conference (Includes Documentation Packet)

21st & 22nd January 2015

£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 Available

We are selling the Lignofuels 2015 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, have been running successful conferences for the last 15 years in the USA. Headquartered in Chicago with offices all around the States, they run forums in varied fields and are market leaders in healthcare business conferences. Opening their European head office at the end of 2005, they have expanded rapidly and are launching a series of events covering the maritime, energy, oil and gas industries.

With Thanks to Our Partners



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.