

biofuels international expo & conference

Antwerp Expo, Antwerp
Belgium

16-17 November 2011

2011

Free
entry to
exhibition

The place to grow your biofuels business!



Register Online at www.biofuelsinternationalexpo.com

 Welcome!

Biofuels International Expo & Conference returns for its fourth year with a new name, new location and new focus! The event will be held in Belgium on 16 – 17 November and will have two conference streams exploring biodiesel and bioethanol.

Belgium may not have been the quickest region to have picked up on the potential biofuels can bring, but it is certainly playing catch-up now. Current production levels are hitting 490 million litres for ethanol, of which about 80% is exported; and 700,000 tonnes for biodiesel, of which most is used locally. Because of the country's growth in biofuels, and its ideal location in Europe, it seemed only logical that **Biofuels International Expo & Conference** be held in Antwerp this year.

Throughout Europe the biofuels revolution is underway. From Finland to Norway, Spain to Germany, cellulosic ethanol facilities are being constructed at a rapid pace and biodiesel growth in Eastern Europe is also booming.

In 2010 biofuel production in Europe increased by over 10,000 tonnes produced in 245 plants. This year is expected to be bigger and better than ever.

Organised by **Biofuels International** magazine, the **Biofuels International Expo & Conference** will look at market overviews, the role ports play in the biofuels market, details on the RSB Sustainability Certification, biofuels and transport, lessons to be learnt from Brazil, handling of biomass and biofuels, technological advances in bioethanol production, investment opportunities as well as the challenges of making biofuels become a commercial reality. These issues and many more will be addressed at Biofuels International expo & conference and with over 500 visitors in 2010, the 2011 event promises to be bigger and better!

If you are looking at attending one event this year then it must be the fourth annual Biofuels International expo & conference. We look forward to welcoming you to Belgium in November!

Peter Patterson
Managing Director
www.biofuelsinternationalexpo.com

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European Renewable Ethanol Association of Biomethane Producers

 
Port of Ghent ValBiom

 Find out more about biofuels quality control

15th November

Biodiesel in Europe should be produced to meet EN142414 – 2008/2009 and EN15376-2011 standards which can then be blended into road fuels meeting EN590 and EN228 quality requirements. In touring SGS's state-of-the-art laboratory, delegates will be able to obtain an overview on how biodiesel production may be optimised using the latest testing methods and procedures. SGS also adds value to biofuels with sustainable certification and feed stock optimisation.

- 3.00** Departure
- 3.15** Presentation at SGS Noorderlaan
- 3.40** Coach to Polderdijkweg
- 4.00** Lab tour
- 5.15** Refreshment (reception) at SGS Noorderlaan
- 6.00** Return to expo

The tour is free of charge to all delegates but places are limited so will be allocated on a first come first served basis. Please email pierre@biofuels-news.com to confirm your participation.



George Attard,
Shell Representative in Malta



Alwin Kopse,
Director, Roundtable on Sustainable Biofuels



Anselm Eisentraut,
Bioenergy Analyst,
International Energy Agency



Lola Uña Cárdenas,
Chief Representative
in the EU, Brazilian
Sugarcane Industry
Association (UNICA)



Ruud Van Stralen,
Commercial Manager,
Port of Amsterdam



Dr Gloria Gaupmann,
Director of Energy Policy
& Environmental Affairs,
The European Renewable
Ethanol Association (ePure)



Daan Schalck,
CEO, Port of Ghent



Antonio Martínez Dalmau, Director
of Strategy &
Operations in Spain,
PricewaterhouseCoopers



Michael Fiedler-Panajotopoulos,
Director of Sales and
Marketing, Petrotec AG



Dina Bacovsky,
Senior Researcher,
Bioenergy 2020+



Dr Peter Williams
Biofuels Business Development
Manager, AB Vista - a division
of AB Agri Ltd.



Walter Mirabella,
Chairman of Biofuel Team,
European Fuel Oxygenates
Association

Register Today! Call +44 (0)208 687 4138

Conference Programme

 Day 1: 16 November 2011

SESSION ONE: EUROPEAN BIOFUELS POLICY & GROWTH

8:30 Conference & Exhibition registration opens

9:00 Chair's opening remarks

Dr Claudiu Covrig, Biofuels Market Research Analyst, Kingsmann

9:10 Keynote Address: Advanced biofuels: The way forward

- General policy
- The blend wall
- Recent initiatives on aviation biofuels
- Demonstration technologies for second generation biofuels and algal biofuels.

Kyriakos Maniatis, Principal Administrator from DG Energy, European Commission

9:35 Biofuels production in and around Malta, Italy and surrounding areas

George Attard, Shell Representative in Malta

10:00 Activity within the port and plans for future growth within the biofuels sector

Ruud Van Stralen, Commercial Manager from the Port of Amsterdam

10:25 Challenges and solutions for biofuels supply chain certification

Bruno Widmer, Sustainability & Certifications Expert, SGS

10:50 Tea and coffee break

11:20 Biofuels and biobased economy, part of the strategy in the port of Ghent

- Biofuels in the Port of Ghent today
- European collaboration with Zeeland Seaports on the Dutch side
- Combining research, industrial development and trade
- Developing the biobased economy as strategy for the future

Daan Schalck, CEO, Port of Ghent

11:45 Know your biomass: The RSB Sustainability Certification

- The Roundtable on Sustainable Biofuels: Mission, objectives and governance
- The RSB Principles & Criteria: Addressing social and environmental impacts of biofuels
- The RSB Certification System: Credibility & robustness
- The RSB Certification: an open access to the EU market

Alwin Kopse, Director, Roundtable on Sustainable Biofuels

12:10 Learning from Brazil: how Europe could implement the use of sugarcane

- The Brazilian energy mix and experience
- Sugarcane input for new bio-based products
- Guaranteeing market access and greater energy security

Lola Uña Cárdenas, Chief Representative in the EU, Brazilian Sugarcane Industry Association (UNICA)

12:35 Biofuels production in Belgium

Hendrik Lemahieu, Secretary General, Belgian Bioethanol Association

1:00 Lunch & exhibition showcase

Biodiesel stream

Bioethanol stream

SESSION TWO: FEEDSTOCKS AND REGULATION

2:20 Moderator's opening remarks

2:20 Moderator's opening remarks

Stanley Deighton, Principal Consultant, Tebodin

2:35 Methanol global supply and demand fundamentals

- Global demographics plant locations and size
- Global consumption by region
- Trade flows
- Energy & feedstock – trends and behaviour drivers
- Forward pricing

Dr Nigel Suttie, Director, Syngas Chemicals EMEA, CMAI Europe

2:35 The development and progress of ethanol as a renewable fuel source in Europe

- Renewable ethanol in Europe: facts and figures
- EU biofuels policy: state of play and outlook
- E10 and beyond: avoiding a European blend wall

Dr Gloria Gaupmann, Director of Energy Policy & Environmental Affairs, The European Renewable Ethanol Association (ePURE)

3:00 Growth strategy for a waste-to-energy second generation biodiesel producer

- Investment opportunities into advanced biofuels
- Successfully negotiating a constantly changing regulatory environment

Michael Fiedler-Panajotopoulos, Director of Sales and Marketing, Petrotec AG

3:00 The feed versus fuel debate and the biorefinery concept

- The emergence of biofuel initiatives
- DDGS - a complex issue
- A simple feed alternative to DDGS
- The biorefinery of the future

Dr Peter Williams, Biofuels Business Development Manager, AB Vista - a division of AB Agri Ltd

3:25 Converting bio-based non-food raw materials into designer diesel

- Flexible conversion of non-food raw materials and oil residues into designer biofuels
- Making bio-based diesel identical to fossil fuel
- Drop-in technology for existing fuel value chains in refineries

Dr Peter Haug, CEO, Greasoline

3:25 YXY building blocks for biopolymers & biofuels applications

- Feedstock considerations
- Conversion chemistry
- Behavior in diesel fuel bend
- LCA assessment

Dr Ed de Jong, Vice President Development, Avantium Chemicals

3:50 Tea and coffee break

3:50 Tea and coffee break

SESSION THREE: HANDLING AND SUPPLY

4:20 Optimising the best biofuels handling for your product

- Biofuels preparation during truck loading
- Biofuel preparation during transfer to storage
- *Satam's case study on biofuels handling*

Thierry Knipfler, Marketing Manager, Satam

4:20 Ethanol production in Germany

Ludz Wilkening, Director, Kraul & Wilkening u. Stelling

4:45 Back to profitability - retrofit your biodiesel plant

- **Feedstock flexibility**
- **Product quality**
- **Plant efficiency**

Hermann Stockinger, Sales Director, BDI - BioEnergy International

4:45 From biomass to biofuels

- How enzymes are leading the way in cellulosic biofuels
- Economics of cellulosic biofuels
- What will the future bring?

Lau Andersen, Marketing Manager, Novozymes

Close of day one

5:10-7:00 Networking reception

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Conference Programme

 Day 2: 17 November 2011

SESSION FOUR: INVESTMENT AND SUSTAINABILITY

9:00 Chair's opening remarks

9:15 Outlook for biofuels in the medium- and long-term

- Current drivers and challenges in the biofuel sector
- The role of biofuels leading up to 2050 in a low-carbon energy sector:
 - The importance of new technologies
 - Ensuring sustainability
 - Tapping new feedstock sources
 - Economics of biofuel production and use
 - Required actions by different stakeholders

Anselm Eisentraut, Bioenergy Analyst, International Energy Agency

9:40 Biofuels from lignocellulosics and implementation within the EU market

- Available technology options
- Status of implementation in the EU
- Implementation examples

Dina Bacovsky, Senior Researcher, Bioenergy 2020+

10.05 Future of biofuels in the aviation industry

- Current trends and development
- Future avenues for aviation biofuel
- Military aviation applications

Syed Nadeem Ahmed, Senior Power Plant Engineer, PIA Engineering & Maintenance

10:30 Update of the regulatory requirements for sustainability of biomass and biofuels

- Certification schemes recognised by the European Commission
- Return on experience from the implementation and certification, a case study
- Key steps for economic operators to prove their compliance

Baudouin Hue, Global Product Manager, Bureau Veritas Certification

10:55 Tea and coffee break

11:25 Fuel oxygenates and their role to enhance the use of bioalcohols

- Fuel components with high octane and low volatility
- High energy content
- Better combustion in motors, enhancing lower VOCs

Walter Mirabella, Chairman of Biofuel Team, European Fuel Oxygenates Association

11.50 Biofuels policy trends and regulation developments being made to ensure a greener future

Urszula Szalkowska, Director, Europe & Africa, International Fuel Quality Center, Hart Energy

12:15 Adding value to the biofuels industry

- Benchmark of best industry practices
- Understanding market insights
- Deal market perspective
- Maximising the value

Antonio Martínez Dalmau, Director of Strategy & Operations in Spain, PricewaterhouseCoopers

12:55 Lunch & exhibition showcase

Biodiesel stream

Bioethanol stream

SESSION FIVE: ENSURING PRODUCT QUALITY

2:20 Moderator's opening remarks

Simon Stauffer, Sales Director, Swiss Combi

2:20 Moderator's opening remarks

2:35 Biodiesel vs ethanol - a case study

- A closer look at demand
- Dr Claudiu Covrig, Biofuels Market Research Analyst, Kingsmann*

2:35 Advances in gasification and fermentation technology - Ineos Bio case study

- Showing how advanced bio-energy technology can be leveraged to provide creative solutions to problems in different industries
 - Improving sustainability
- David Douay, Business Manager, INEOS Bio*

3:00 The growth of biodiesel production in Central and Eastern Europe

- Raw materials for biodiesel production
 - Production technologies
 - Utilisation of by-products
- Tomas Cvengros, Director, Chemoprojekt Slovakia*

3:00 Minimising the CO₂ footprint: resource-efficient production of first and second generation bioethanol

- Improving greenhouse gas balance in line with EU targets
 - Reduction of energy demand in production
- Markus Lehr, Deputy Managing Director, Vogelbusch*

3:25 Tea and coffee break

3:25 Tea and coffee break

SESSION SIX: PRODUCTION METHODS

3:55 Producing biodiesel from renewable feedstock through the use of microorganisms

- Biomass and lipid production for sustaining biodiesel from the best renewable resources
- Giuliana Franzosi, Analyst, Research Centre for Non-Conventional Energy (part of eni S.P.A)*

3:55 Isooctane - a real drop-in biofuel

- Artificial pathway to produce gaseous isobutene
 - Advantages of gaseous fermentation
 - Transformation of isobutene into isooctane
- Thomas Buhl, Head of Business Development, Global Bioenergies*

4:20 Biodiesel developments in the Italian market

- Implementing sustainability
- Double counting
- Producer or trader

Alastair Fraser, Manager, Oxem

4:20 Sustainable production of cellulosic ethanol from agricultural residues

- Offering the maximum yield of ethanol by converting cellulose and hemicelluloses into ethanol
 - Reducing the production costs for cellulosic ethanol
 - Case study of a plant: first generation ethanol production
- Dr Jochen Gerlach, Business Development Manager, Süd-Chemie*

4:45 Moderator's closing remarks

4:45 Moderator's closing remarks

5:00 Close of conference

*Please note that speakers and topics may be subject to confirmation and alteration. All information was correct at time of going to press.

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- Similar level free access to our sister site **www.bioenergynews.com**

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Email: pierre@biofuels-news.com

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Previous exhibitors:

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- Buchi Switzerland
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- Dandong Research Institute for Science
- Emerging Markets Online
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Pre-event networking & exclusive web access to conference presentations

All delegates attending the conference will be able to network online prior to the event with speakers and other delegates. Following the event you will receive a password and link to access all the conference presentations on a secure website.

Media partners include:



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Registration

Book before
September for early
bird rates!

5 Easy Ways to Register

-  **Online:** www.biofuelsinternationalexpo.com
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-  **Phone:** +44 (0) 20 8687 4138
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-  **Mail:** Horseshoe Media Ltd
Biofuels International Expo
Marshall House,
124 Middleton Road,
Morden, Surrey, SM4 6RW, UK

Pricing

Admission to the exhibition is free of charge for all. However, we would recommend registering now in order to save time on the day. Due to the popularity of the conference the delegate prices have been frozen at their 2010 delegate rate. The 2011 two day delegate rate remains at €1195 plus VAT at 21% with a 10% **early bird discount for bookings made before 21st September.**

Only want to attend one day? There is a day rate of €645 plus VAT at 21%. Please note that we cannot give letters of invitation for visa purposes.

Registering for:

- Conference & Exhibition
- Exhibition only
- Lab tour

Days Registering for:

- One day
- Two days

Please indicate which afternoon session you would like to attend. This is only to ensure there is sufficient space in the conference hall and delegates will still be able to move between sessions.

Session Stream

- | | | |
|---|--------------------------|---|
| 1 | <input type="checkbox"/> | Day one: European biofuels policy and growth |
| 2 | <input type="checkbox"/> | Day one: Feedstocks and regulation - biodiesel |
| 2 | <input type="checkbox"/> | Day one: Feedstocks and regulation - bioethanol |
| 3 | <input type="checkbox"/> | Day one: Handling and supply - biodiesel |
| 3 | <input type="checkbox"/> | Day one: Handling and supply - bioethanol |
| 4 | <input type="checkbox"/> | Day two: Investment and sustainability |
| 5 | <input type="checkbox"/> | Day two: Ensuring product quality - biodiesel |
| 5 | <input type="checkbox"/> | Day two: Ensuring product quality - bioethanol |
| 6 | <input type="checkbox"/> | Day two: Production methods - biodiesel |
| 6 | <input type="checkbox"/> | Day two: Production methods - bioethanol |

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Up to 4 weeks before: 75% refund Up to 2 weeks before: 25% refund
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Attendee 2

Name

Job Title

E-mail

Phone

Attendee 3

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Job Title

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