

F.O.LICHTS

Developing and Commercialising **Next Generation Biofuels**

**Alternative Feedstocks, New Production Technology
and Advanced Biofuels**

12-13 February 2008, Atlantic Kempinski Hotel, Hamburg

Speakers

Tom Blades

Choren Industries, Germany

Ger Bemer

Royal Nedalco, The Netherlands

Kevin Biehle

Range Fuels, USA

Ben Good

D1 Oils, UK

Dr Ed de Jong

Avantium Technologies BV

The Netherlands

Emmanuel Petiot

Novozymes, USA

Scott Mason

ConocoPhillips, USA

Bruno Schmitz

DG Research, European Commission

Dr Hideaki Yukawa

**Research Institute of Innovative
Technology for the Earth (RITE), Japan**

Anna Rath

Ceres Inc., USA

Patrick Gruber

Gevo, USA

Jeff Hassannia

Diversified Energy, USA

Tim Pearsa

Alternative Energy Finance, UK

Dr Jennifer Holmgren

UOP LLC, USA

Dr Edward Green

Green Biologics, UK

Dr Hartmut Heinrich

Dr Heinrich Consult, Germany

Dr Moritz Spilker

AgroEnergy AG, Germany

Conference Chairs

Dr Christoph Berg

F.O. Licht, Germany

Peter Hanratty *

Fuelstock, UK

Highlights

- ✓ Share oil and automotive industry perspectives on next generation biofuels
- ✓ Hear the latest timescales for the commercialisation of next generation biofuels
- ✓ Find out the latest developments in enzyme technology and the role of consolidated bioprocessing in cellulosic ethanol
- ✓ Discover the role next generation renewable diesel will play in supplying the diesel market
- ✓ Hear the latest developments in alternative energy crops including sorghum, switchgrass, jatropha and algae
- ✓ Examine the economics of running a next generation biofuels plant
- ✓ Assess the challenges of supplying, transporting and storing ligno cellulosic feedstock
- ✓ Assess the synergies of biobutanol and bioethanol production
- ✓ Discover key developments in advanced biofuels for the aviation market
- ✓ Examine the role of biomethanol as a transportation fuel

Supporting publications



international **sugar** journal **The Public Ledger**

Register online

www.agra-net.com/nextgenbiofuels

Developing and Commercialising Next Generation Biofuels, a new conference from leading biofuels analysts F.O. Licht, gives you an insight into the new production technologies and advanced fuels which will be essential for the future sustainable growth of the industry.

Tightening in traditional feedstock markets, and the consequent increase in input costs, have intensified efforts to develop next generation technologies enabling the use of alternative crops for biodiesel and ethanol production. These technologies will be crucial in achieving the European Commission's binding minimum target of 10% biofuels in overall EU transport fuel consumption by 2020.

With commercialisation of new technologies still some years off, there have been calls for increased support for investment from the European Commission. **Bruno Schmitz** from **DG Research** will outline the Commission's research into the viability of next generation biofuels and assess the timescales for industrial-scale production.

Support from the automotive industry is critical to the ongoing expansion of the biofuels sector. **Dr Hartmut Heinrich**, former Head of Fuels and Lubricants at **Volkswagen** and now a specialist fuels consultant, will share his insight into the future development of next generation biofuels.

Producing next generation biofuels on an industrial-scale and driving down costs is essential if ambitious biofuels production targets are to be met. Take this opportunity to hear insights from **Range Fuels** in the USA and the European firms, **Royal Nedalco** and **Choren Industries**, who are pioneering the use of new production technologies.

Increasing the use of non-food feedstocks could enhance the environmental benefits of biofuels, help the industry to achieve sustainable growth and answer critics in the food vs fuel debate. **Ben Good**, **Strategy Director**, for **D1 Oils** will share his insight into his company's joint venture with BP to make sustainable biodiesel feedstock available on a larger scale. **Jeff Hassannia**, **Vice President of Business Development** from the USA based **Diversified Energy** will assess the future of the use of algae in large-scale biofuels production.

Speakers will assess the wide range of emerging advanced biofuels including biobutanol, renewable diesel and bio-jet fuel for the aviation market. Leading industry experts from **Green Biologics**, **ConocoPhillips** and **UOP** will highlight their experiences of these emerging new products.

Developing and Commercialising Next Generation Biofuels is a must-attend event for everyone in biofuels looking to secure sustainable growth and to ensure that government production targets around the world are met. Don't miss this unique opportunity to hear the latest industry developments and network with leading biofuels professionals. **Register today!**

Online Networking System

Our Online Networking System enables you to see the list of conference delegates and send messages to them before the conference.

- Send messages to delegates delivered direct to their inbox
- Arrange meetings in advance
- Maximise the value of your networking time at the conference
- Follow up with anyone you didn't have chance to meet when you are back in the office

All registered delegates are automatically added to the System and will receive an email with their login details 7 days before the start of the conference.

Tuesday 12 February

- 8.15 **Registration and Welcome Coffee**
- 9.20 **Opening Remarks from the Chair**
Dr Christoph Berg
Managing Director
F.O. Licht, Germany

The Context for Next Generation Biofuels

- 9.30 **Business Models for Next Generations Biofuels**
Ger Bemer
CEO
Royal Nedalco, The Netherlands
- 10.00 **Next Generation Biofuels in Europe: Optimising Science and Technology Policy**
Bruno Schmitz
Head of Unit, New and Renewable Energy Sources
Research Directorate General, European Commission
- 10.30 Questions
- 10.45 Refreshments
- 11.15 **An Automotive Industry Perspective on the Future Development of Next Generation Biofuels**
Dr Hartmut Heinrich
Fuel Affairs Consultant, Dr Heinrich Consult
Formerly Head of Fuels and Lubricants, Volkswagen, Germany
- 11.45 **Securing Finance for Cellulosic Ethanol Production and Next Generation Biofuels**
Tim Pears
Managing Director
Alternative Energy Finance, UK
- 12.15 Questions
- 12.30 Lunch

Next Generation Production Technologies

- 2.00 **Prospects for the Commercialisation of Cellulosic Ethanol**
Kevin Biehle
Vice President of Production
Range Fuels, USA
- 2.30 **Large-Scale Production of Fischer Tropsch Biodiesel**
- 3.00 Questions
- 3.15 Refreshments
- 3.45 **Advancements in Enzyme Technology Contributing to the Commercialisation of Cellulosic Ethanol**
Emmanuel Petiot
Global Business Development Director
Novozymes, USA
- 4.15 **Catalytic Conversion Technology for Advanced Biofuel Production**
Dr Ed de Jong
Director, Catalytic Biomass Conversion
Avantium Technologies BV, The Netherlands
- 4.45 **Biomass-to-Liquids Technology - Making BTL a Commercial Reality**
Tom Blades
CEO
Choren Industries, Germany
- 5.15 Questions
- 5.30 **Closing Remarks from the Chair**

- 5.35 **Networking Cocktail Reception**



Next Generation Biofuels

Wednesday 13 February

8.20 Welcome Coffee

8.50 Opening Remarks from the Chair

Peter Hanratty*
Chief Executive
Fuelstock, UK

Feedstocks

9.00 Specialist Energy Crops: Opportunities and Challenges

Anna Rath
Vice President, Commercial Development
Ceres Inc., USA

9.30 Next Generation Biodiesel: Jatropha as a Biodiesel Feedstock

Ben Good
Strategy Director
D1 Oils, UK

10.00 Large-Scale Biofuels Production from Algae

Jeff Hassannia
Vice President, Business Development
Diversified Energy, USA

10.30 Questions

10.45 Refreshments

11.15 Producing Biomass Feedstock: Optimising Land Resources and Logistics

Dr Moritz Spilker
Member, Executive Board
AgroEnergy AG, Germany

Advanced Fuels

11.45 Developments in Biobutanol and an Assessment of the Synergies with Bioethanol

Patrick Gruber
CEO
Gevo, USA

12.15 Questions

12.30 Lunch

2.00 Renewable Diesel: A Case Study of ConocoPhillips

Scott Mason
Director, Business Development
ConocoPhillips, USA

2.30 Bioethanol and Biobutanol Production from C6 and C5 Sugar

Dr Hideaki Yukawa
Chief Researcher, Microbiology Research Group
Research Institute of Innovative Technology for the Earth (RITE), Japan

3.00 Turning Biomass into Butanol

Dr Edward Green
CEO
Green Biologics, UK

3.30 Questions

3.45 Refreshments

4.15 Advanced Biofuels for the Aviation Market

Dr Jennifer Holmgren
Director, Renewable Energy & Chemicals
UOP LLC, USA

4.45 Biomethanol as a Transportation Fuel

5.15 Questions

5.30 Closing Remarks from the Chair

5.35 End of Conference

* subject to final confirmation

Available from F.O. Licht

World Ethanol & Biofuels Report

News, analysis and statistics on fuel ethanol, biodiesel, industrial and beverage alcohol and fermentation products: MSG, lysine, citric acid and yeast. Prices and trade statistics plus regular estimates of world ethanol and world biodiesel production. 24 issues a year. Includes World Ethanol & Biofuels Report Online with Daily Online News.

International Sugar Journal

Providing comprehensive coverage of sugar production technology, this leading journal features technical and research articles on advances in production, processing and refining. 12 issues per year.

The Public Ledger

The latest news, analysis and prices for over 700 internationally traded commodities, including grains, seeds and pulses, softs, oilseeds, oils and fats, feeds, and exotics and minors. Includes free access to The Public Ledger Online, Daily Online News and Daily Online Prices.

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Type of Business

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Next Generation Biofuels will attract an audience of senior decision-makers, which will provide you, as a sponsor or exhibitor, with excellent opportunities for meeting potential clients.

A range of Sponsorship and Exhibition packages are available which will help you capture these opportunities and will provide your company with the perfect platform to promote your products and services and to build brand awareness.

For more information and a tailored solution to meet your budget and needs, please contact Sarah Harding on
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Email: sarah.harding@informa.com

5 Easy Ways to Register



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CONFERENCE REGISTRATION

Please register the following delegate/s for:

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12-13 February 2008, Atlantic Kempinski Hotel, Hamburg

PLEASE WRITE CLEARLY – YOUR NAME BADGE WILL BE MADE FROM THIS INFORMATION

TITLE FIRST NAME FAMILY NAME

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Business Email _____

2 _____

Position _____

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Company _____

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Type of Business _____

CONFERENCE FEE

Fee Per Delegate	No	Fee	VAT @ 19%	Total
Standard Rate		€1395	€265.05	
Group Rate 3+		€1245	€236.55	
Total				

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CONFERENCE DATE & VENUE

12-13 February 2008

Hotel Atlantic Kempinski Hotel, Hamburg

An der Alster 72-79, 20099 Hamburg, Germany.

Tel: +49 (0)40 2888 0

Fax: +49 (0)40 247129

Email: hotel.atlantic@kempinski.com

CONFERENCE FEE

Standard Rate

€1395 plus VAT per delegate (or equivalent in GBP or US Dollars).

The fee includes lunches, refreshments, cocktail reception and copies of all conference documentation, as available. If you are paying by credit card, the amount will be deducted in GBP.

Group Rate

A special rate of €1245 plus VAT (or equivalent in GBP or US Dollars) applies to bookings of three or more people registering from the same company.

ONLINE NETWORKING SYSTEM

All paid delegates will automatically be added to the Online Networking System which will go live seven days before the conference begins. If you do not wish to be included, please inform us before this time.

VAT

German VAT @19% will be added to all registration fees regardless of the delegate's home country. Certain EU regulations permit VAT paid in member countries to be reclaimed, for further information on this, contact your local tax authorities.

ACCOMMODATION

Hotel reservations are not included in the conference fee, however, the conference organisers have negotiated a special rate at the conference venue. Details of how to book will be sent to you with confirmation of registration.

CONFIRMATION

If you do not receive your email confirmation before the event, please contact us to confirm that a place has been reserved on:

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The organiser will not be held liable for non arrival of registration information. All invoices and registrations processed must be honoured in full, unless cancellation has been received under the terms stated below.

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Refunds will be made for cancellations received in writing before 11 January 2008, subject to a €115 administration charge. It is regretted that refunds cannot be made after this date but substitute delegates are permitted if notified in advance in writing. It may be necessary for reasons beyond the control of the organisers to alter the content and timing of the programme or the identity of the speakers.

CANNOT ATTEND?

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