

UPDATED
BROCHURE



AMSTERDAM, THE NETHERLANDS 9-12 NOVEMBER 2010



5TH ANNUAL MEETING

BIOFUELS 2010

Capitalise on the global biofuels opportunity



Key speakers include:

- Mark Gainsborough, Executive Vice-President, Strategy, Portfolio and Alternative Energies, **SHELL**
- Philippe Marchand, Head of Biofuels and Regulations, **TOTAL**
- Markku Honkanen, Technical Advisor, Renewable Fuels, **NESTE OIL**
- Jeff Passmore, EVP, Public Affairs, **IOGEN**
- Pedro Carrillo Donaïre, Trading EU, EVP, **ABENGOA BIOENERGY**
- Mark Lyra, Commercial Director – Ethanol, **COSAN**
- Adina Georgescu, Policy Officer, National Expert, **EC – DG ENER**
- Anders Lau Tuxen, Energy Strategist, **NOVOZYMES**
- Dickon Posnett, Development Director, **ARGENT ENERGY**
- Andrew Owens, CEO, **GREENERGY**
- Alwyn Hughes, CEO, **ENSUS**
- John Pinkney, Technical Director, **ENSUS**

Biofuels 2010 highlights:

- ✓ 250 + senior level attendees
- ✓ Over 20 countries represented
- ✓ 2 streams addressing the key issues affecting **the bioalcohol and bio and renewable diesel markets**
- ✓ Exclusive **site visit** to the Greenmills biodiesel refinery

www.wraconferences.com/bio10

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BIOFUELS 2010

DETERMINE YOUR BIOFUELS STRATEGY FOR 2011

Biofuels 2010 is the only event dedicated to overcoming the key issues of sustainability, supply chain traceability requirements, and commercialisation challenges.

Discover the impact that the RED and FQD will have on your business, and find out first hand how individual member states intend to utilise biofuels to meet these ambitious renewable energy targets.

We unite the world's entire biofuels value chain with over 250 industry experts from oil majors, biofuel producers and blenders, policy makers, key associations, feedstock growers, enzyme and plant technology providers, investors, power companies, chemical companies, and end users, bringing them together to define the future of the biofuels industry.

Biofuels 2010 is the market's leading, cross industry event handing you and your team the opportunity to develop your strategy within bioalcohols and bio and renewable diesel.

FIVE KEY REASONS TO ATTEND BIOFUELS 2010

- 1 Learn how to overcome the challenges of implementing **sustainability criteria** and meet **supply chain traceability** requirements
- 2 Gain valuable insights into how to **commercialise your biofuel project** from the leading **oil majors and biofuel producers**
- 3 Understand the impact recent **EU legislation** will have on your business
- 4 Capitalise on the biofuels opportunity by hearing brand new project updates from the **UK, Netherlands, France, USA, Czech Republic, Brazil, Argentina, China, Finland, Sweden, Germany** and many more
- 5 **Devise your business strategy** for 2011 and beyond – positioned at the end of the 2010 harvest, Biofuels 2010 will report the most recent information crucial to your plans for next year

WRA BIOFUELS 2010 AWARDS

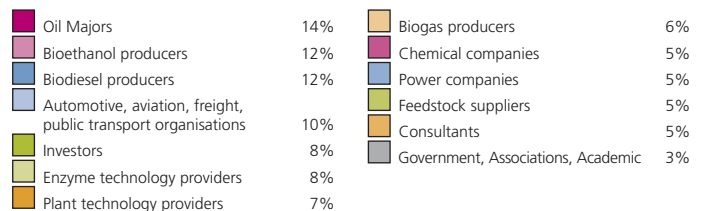
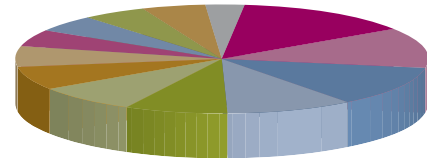
Following the close of the first day of Biofuels 2010, The World Refining Association will present their prestigious Biofuels awards. The 2010 award categories have been expanded to reflect the many outstanding contributions made to this fast growing and dynamic industry. 2010 award categories will include:

- **Bioethanol corporation of the year**
- **Biodiesel corporation of the year**
- **Biofuels technology of the year**

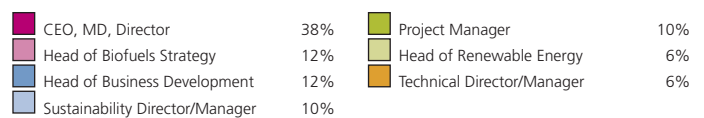
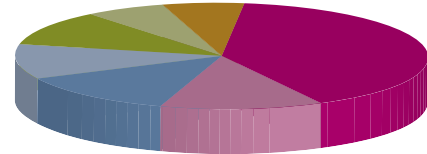
WHO WILL ATTEND BIOFUELS 2010

Network with over 250 of the market leaders from the leading oil majors, biofuel producers and blenders, policy makers, key associations, feedstock growers, technology and solution providers, investors, power companies, chemical companies, and end users.

By Industry Sector



By Seniority



ABOUT THE WORLD REFINING ASSOCIATION

Since 1997, The World Refining Association has achieved worldwide recognition for the organisation of high level, strategic and technical conferences within the downstream refining, petrochemical, fuels and fertiliser sectors. Our industry events are renowned as market leaders in their fields.

Due to our strong, long standing relationships with governments and all of the major oil and gas producers worldwide, we ensure our conferences consistently tap into the key issues affecting the industry and we bring together more principal influencers than any other event organiser to share their thoughts, ideas and vision with you, our audience.

Our annual events take place across the globe in Europe, CIS, Russia, Latin America, Middle East and Asia, and take centre stage in the oil and gas calendar. In addition, our awards are increasingly becoming a sought after industry recognition of best practice excellence.

PROGRAMME AT A GLANCE

PRE CONFERENCE WORKSHOPS: TUESDAY 9 NOVEMBER 2010

World Exclusive – Understand the African biofuels opportunity and secure the future for your business

Understand commodities risk management in the biofuels market

CONFERENCE DAY ONE: WEDNESDAY 10 NOVEMBER 2010

European biofuels legislative update

| | |
|--|---|
| Bioalcohols: commercialisation challenges facing European bioalcohol producers | Bio and renewable diesel: commercialisation challenges facing European biodiesel producers |
| Bioalcohols: panel discussion – how government targets will be met by the bioalcohols market | Bio and renewable diesel: panel discussion – how government targets will be met by the biodiesel market |
| Bioalcohols: which generation will emerge on top and why? | Bio and renewable diesel: which generation will emerge on top and why? |
| Bioalcohols: biotechnology developments | Bio and renewable diesel: biotechnology developments |
| WRA Biofuels 2010 awards | |

CONFERENCE DAY TWO: THURSDAY 11 NOVEMBER 2010

Biofuels and sustainability

Biofuels and aviation

| | |
|--|--|
| Bioalcohols: feedstocks and the role of complementary industries on the bioalcohols market | Bio and renewable diesel: feedstocks and the role of complementary industries on the bio and renewable diesel market |
| Global commercial opportunities for the European market | |

EXCLUSIVE SITE VISIT: FRIDAY 12 NOVEMBER 2010

Visit the brand new Greenmills biodiesel refinery

INDUSTRY ADVISORY BOARD MEMBERS



Simo Honkanen
Senior Vice President Sustainability
and HSSE
NESTE OIL



Marcos S. Jank
President
UNICA/BRAZIL



Rob Vierhout
Secretary General
**EUROPEAN BIOETHANOL FUEL
ASSOCIATION (eBIO)**



Pedro Carrillo Donaire
Executive Vice President
ABENGOA BIOENERGY



Richard Altman
Executive Director
**COMMERCIAL AVIATION
ALTERNATIVE FUELS INITIATIVE**



Raffaello Garofalo
Secretary General
EUROPEAN BIODIESEL BOARD (EBB)



Bernard Chaud
Director, Biofuels Projects
TEREOS



Philippe Marchand
Head of Biofuels and Regulations
TOTAL

PRE CONFERENCE WORKSHOPS: TUESDAY 9 NOVEMBER 2010
08:30 Pre-conference registration and coffee

09:00 Workshop opening and business card exchange

09:10 Understand the African biofuels opportunity and secure the future for your business

- Define your business plan and RFP criteria to launch a successful biofuels business in Africa
- Learn how to coordinate with bioenergy policy makers
- Understand how legislative developments will affect your start up or expansion into the African biofuels market
- Overcome and anticipate import and export challenges
- Understand the tax and duty implications of conducting business in Africa
- Create a roadmap for logistics and transportation of biofuels
- Learn how to implement supply chain traceability criteria and obtain sustainability certification in this new commercial environment
- Gain a comprehensive understanding of how to harness the huge potential of this previously untapped biomass resource

Professor Mossad Elmissiry, Head of Bioenergy Policy
AU / NEPAD PLANNING AND COORDINATING AGENCY (NPCA)

World exclusive
13:00 Lunch and networking

14:00 Understand commodities risk management in the biofuels market

- Using derivatives to manage risk in the biofuels market
- Ways to minimise counter party risk
- How hedging mechanisms work
- Trends in the paper markets
- The physical shape of the biofuels market from a trading and investment perspective
- Impact of the German sustainability ruling and the Argentinean SME mandate

Lisa Kallal, Manager, Commodities EMEA, **CME GROUP**
 Mark Skrypec, Manager, Biofuels Desk, **TULLETT PREBON**

Q&A
17:00 End of pre conference workshops

17:15 Evening welcome drinks reception

CONFERENCE DAY ONE: WEDNESDAY 10 NOVEMBER 2010
08:00 Registration and coffee

08:45 Opening welcome address and business card exchange – meet your fellow attendees

09:00 Biofuels: a sustainable, low CO₂ alternative today

- Biofuels as a realistic commercial solution to reduce CO₂ in transport fuels
- Building capacity in today's transport biofuels
- Developing CO₂ and sustainability standards for biofuels
- Leading the development of advanced biofuels

Mark Gainsborough, Executive Vice-President, Strategy, Portfolio and Alternative Energies, **SHELL**

Q&A
Keynote address
Aligning national policies to the RED and FQD: UK

- How the UK will meet RED and FQD targets
- Creating the need for public and private partnerships to drive the biofuels market
- Identifying and capitalising on commercial opportunities for the biofuels industry in the UK

Richard Stark, Chairman, Renewable Fuels Transport Group, **REA**

Optimising domestic and global biomass resources: Sweden

- Understand how Sweden has managed to achieve 46.3% renewable energy
- Commercial implications of the National Action Plan on the biofuels industry
- Hear how your business can profit from legislative developments in Sweden

Lena Dahlman, Biofuel Expert, **SVEBIO**

Q&A
09:20 European biofuels legislation update and the impact on your business

- Understand what the EU RED and FQD means for the biofuels industry
- Practical suggestions for meeting renewable energy targets
- Learn how to increase European biofuels usage

Adina Georgescu, Policy Officer, National Expert, **EC – DG ENER**

10:20 Renewable hydrocarbons: catalytic technology refining plant sugars into gasoline, diesel and jet fuel

- Hydrocarbon biofuels: powering engines and utilising existing pipelines
- Leverage traditional petroleum refining technologies and assets for future biorefineries
- Optimise feedstocks and end products based on local market conditions for cost competitive biorefinery solutions
- Speed deployment, minimising environmental impacts and maximising returns by utilising current petroleum infrastructure

Lee Edwards, President and CEO, **VIRENT**

Q&A
10:40 Coffee and start of streaming

After the morning coffee break Biofuels 2010 will split into three concurrent streams. Attend the sessions that are most relevant to you.

BIOALCOHOLS
11:00 Commercialisation challenges facing bioalcohol producers in Europe

- Understand the challenges conducting business across multiple trade routes
- Learn how to scale up your project by effectively mapping commercialisation strategies

Pedro Carrillo Donaire, Trading EU, EVP, **ABENGOA BIOENERGY**

BIO AND RENEWABLE DIESEL
11:00 Understand the biodiesel producer's commercial journey

- Hear the latest results from the first European large-scale biodiesel manufacturing facility using both Used Cooking Oil (UCO) and tallow
- Understand the commercial effects of legislation on recent business decisions

Dickon Posnett, Development Director, **ARGENT ENERGY**



CONFERENCE DAY ONE: WEDNESDAY 10 NOVEMBER 2010 CONTINUED

BIOALCOHOLS

Ensuring consistent implementation of the RED and FQD

- Overcome challenges posed by the food vs. fuel debate: could it flare up again?
- Understand iLUC and the effects on the bioethanol industry
- Practical advice for promoting 2G and advanced bioethanol across Europe

Rob Vierhout, Secretary General, **ePURE**

Promoting creative regeneration of power in Europe

- Create the need for government incentives to facilitate market development
- Harness biomass and securing feedstock supply for bioethanol production: renewable energy from renewable raw materials
- Reduce CO₂ emissions by up to 70% compared to fossil fuels

Dr Lutz Guderjahn, COO, **CROPENERGIES**

Q&A

11:50 Mapping strategies for the bioalcohol market to meet government targets

Panel discussion

- Understand which market areas will provide most contribution to meeting targets
- Engineer public and private partnerships and reaping the benefits
- Ensure bioalcohols contribute to meeting the 20% target by 2010
- Compare the Brazilian bioethanol market to Europe: practical, actionable advice from the market leader

Emmanuel Desplechin, Chief Representative in the EU, **UNICA**

Sigrid Brynestad, Principal Project Manager,

DNV CLIMATE CHANGE and ENVIRONMENTAL SERVICES

Jessica Cedervall, Programme Director, **E.ON BIOERDGAS**



UNICA

"Such an event gives a huge opportunity to exchange ideas and find solutions for many issues and problems we have in business"

Robert Gmyrek, Director of Biofuels,

PKN ORLEN

12:30 Lunch and networking

BIO AND RENEWABLE DIESEL

Coverting waste to biodiesel

Case study

- Latest developments in biodiesel conversion technologies
- Feedstock flexibility for efficient biodiesel production: UCO, animal fat, waste oils and fats
- Implications for the future of European biodiesel

Hermann Stockinger, Director Sales, **BDI-BIOENERGY INTERNATIONAL**

Vesta Biofuels: a new approach to proving supply chain traceability

Case study

- Understand the benefits of carbon and sustainability RME supply chain auditing
- Hear how RED compliance for biodiesel producers is achieved
- How cargo by cargo assurance can positively affect your business

Adrian Mason, Business Development Manager, **INSPECTORATE**

Oliver Hancock, Managing Director, **MERCURIA**

11:50 How will government targets be met by biodiesel?

Panel discussion

- Understand how biodiesel can maximise its contribution to meeting the 20% renewable energy target by 2010
- Learn how public and private partnerships can facilitate the development of the biodiesel market
- Gain insight into which market areas will provide the biggest contribution to meeting RED targets

Dickon Posnett, Development Director,

ARGENT ENERGY

Outline the strength of policy commitment to biofuels in Europe

- Understand the impact of possible changes to GHG targets and thresholds on your business
- Understand the effects of volatile oil prices on the biofuels industry
- Analyse the impact of changes in land availability and cost of feedstocks
- Promote the speed of new and alternative technology commercialisation
- Learn about the impact and speed with which second generation biodiesel increases access to non-agricultural feedstocks
- Discover where new investments necessary to meet targets and capacity utilisation will come from

David Omom, Senior Consultant,

PÖYRY ENERGY CONSULTING

Understand the benefits of hydrocarbon production from vegetable oil

- Improving yields and market penetration of biofuels while contributing to governmental targets

Marc Delcourt, CEO, **GLOBAL BIOENERGIES**

Advanced technology options for bio and renewable diesel production

- Hear about the latest technologies for bio and renewable diesel
- Understand the technical and commercial challenges facing the market
- Learn about market introduction potential and drivers

Ausilio Bauen, Director, **E4TECH**

Q&A



CONFERENCE DAY ONE: WEDNESDAY 10 NOVEMBER 2010 CONTINUED

| BIOALCOHOLS | BIO AND RENEWABLE DIESEL |
|---|--|
| <p>14:00 Brazilian sugar cane ethanol and land use requirements</p> <ul style="list-style-type: none"> Learn about a producer's perspective on certification Overcome the challenges of product differentiation, facilitating buying decisions, increasing liquidity, harmonising market demands and consolidating sustainability criteria Gain insight into Brazilian sugarcane ethanol: 90% GHG reduction compared to gasoline How to facilitate expansion without deforestation Hear the socio-economic benefits of the biofuels industry Understand what corporate investment means for producers <p>Mark Lyra, Commercial Director – Ethanol, COSAN</p> <p>Understand the commercialisation challenges facing bioethanol producers</p> <ul style="list-style-type: none"> Identify the barriers to commercial scale production Overcome the commercialisation challenges for bioethanol production despite VC and government support <p>Jeff Passmore, EVP, Public Affairs, IOGEN</p> <p>Understand why bio-methanol is a true 2G biofuel</p> <ul style="list-style-type: none"> Learn how to ensure feedstock sustainability Understand the benefits of this revolutionary production technology Hear about the enhanced fuel performance and CO₂ reduction benefits of biomethanol Assess operational costs and product value: the business case for biomethanol <p>Elco Dekker, Chief Marketing Officer, BIOMCN</p> <p>Identify project selection criteria and discover the key to profitable, industrially integrated cellulosic ethanol production</p> <ul style="list-style-type: none"> Maximise process efficiency to enable commercialisation for bioalcohols Understand why integration with existing facilities is the key to commercial success <p>Alan Rae, Director of Corporate Finance & Global Business Development, KL ENERGY</p> <p>Q&A</p> | <p>12:30 Lunch and networking</p> <p>14:00 Creating unblended renewable diesel: Neste Green 100</p> <ul style="list-style-type: none"> Assess compatibility with technical, operational and environmental requirements Examine well-to wheels performance Prove supply chain traceability Hear the latest results from the Finnish trial Understand the process and challenges of progressing from pilot to commercial scale <p>Markku Honkanen, Technical Advisor, Renewable Fuels, NESTE OIL</p> <p>European premiere: manufacturing advanced hydrocarbon biodiesel</p> <ul style="list-style-type: none"> Learn how to create an artificial metabolic pathway to convert renewable resources into isobutene Understand the applications for isobutene: conversion to gasoline, jet fuel and diesel Capitalise on the synthesis of diesel from sugar: a higher yield per hectare compared to oil-based biodiesel <p>Marc Delcourt, CEO, GLOBAL BIOENERGIES</p> <p>Current and new routes to sustainable biofuels</p> <ul style="list-style-type: none"> Understand how to improve the processes of biodiesel manufacturing Hear the immediate impact converting pyrolysis oil will have on your business Learn about the latest developments in converting biosyngas to alcohols <p>Frans Plantenga, Technical Director Alternative Fuel Technologies, ALBEMARLE</p> <p>Deploying new biofuels production pathways by identifying synergies with fossil fuel production</p> <ul style="list-style-type: none"> Successful next generation biofuels from sustainable biomass Identify advantages and disadvantages of integrating biofuels and fossil fuel production processes: spotlight on renewable fats and oils, gasification to Fischer-Trops synthesis and direct liquefaction <p>Michel Bloch, Senior Business Development Manager, AXENS</p> <p>Q&A</p> |
| <p>15:30 Afternoon coffee and networking</p> | <p>15:30 Afternoon coffee and networking</p> |
| <p>16:00 Advanced biofuels scale-up enabled by powerful biotechnology</p> <ul style="list-style-type: none"> Ensure competitive advantage by enabling the development of novel biocatalysts and processes with high productivity at industrial scale Learn how to complement an oil major's programme for the development of advanced biofuels <p>Mike Knauf, VP & General Manager, Bioindustrials, CODEXIS</p> | <p>16:00 Efficient production of advanced diesel biofuel demonstrated: the BioDME project now on-stream</p> <ul style="list-style-type: none"> Successful production of environmentally optimised synthetic biofuel from lignocellulosic biomass Ensure full supply chain inclusion: from forest residues to DME use in heavy vehicles |

CONFERENCE DAY ONE: 10 NOVEMBER 2010 CONTINUED

BIOALCOHOLS

Enzyme technology defining the future of cellulosic ethanol

- Hear the latest developments in enzyme technology
- Understand how integrated process development can optimise results
- How strategic partnering can work for you
- How to successfully commercialise cellulosic ethanol

Anders Lau Tuxen, Energy Strategist, **NOVOZYMES**

Harnessing the cost and energy savings of hydrous ethanol for gasoline blending

- Understand the cost implications of producing hydrous ethanol
- Profit from the outstanding well to wheel implications of HE
- Addressing common misconceptions about blending bioethanol
- Gain insight into the corrosion and mileage realities of hydrous ethanol

Hans Keuken, CEO, **HE BLENDS**

Hear the benefits of lean construction techniques for bioethanol plants: reducing project risk and capital costs, compressing construction schedules and improving profitability

- Understand what lean construction can do to improve plant design and construction in the biofuels industry
- Achieve 400% efficiency improvement by pre-planning: efficient process flow and cost savings, 3D modelling or Building Information Modelling (BIM), minimising construction challenges – clash detection and trade coordination
- Increase productivity 20 fold by employing pre-fabrication techniques: cost reduction through minimising material handling, decreasing safety risks, reducing on site labour, and modularisation

Jim Renner, Vice President – Biofuels & Water System Technologies, **VICTAULIC COMPANY**

Q&A

BIO AND RENEWABLE DIESEL

- Understand how dimethylether (DME) is produced from black liquor through the production of clean synthesis gas and a final fuel synthesis
- Gain insight into the advantages of co-locating with pulp mills: burning forest residues and black liquor extraction for gasification
- Learn about the benefits of DME: land use efficiency, high well to wheel energy efficiency and 95% GHG reduction
- Overcome distribution, fuel and lube standardisation, engine modification and injection equipment challenges
- Hear about the next step: the Domsjö full-scale project

Ingvar Landalv, Chief Technical Officer, **CHEMREC**

Examining the technological and production developments advancing the biodiesel market

- Convert biomass into pyrolysis oil via hydro thermal upgrading
- Fundamentals of pyrolysis technology
- Understand the commercial and operational challenges of building the largest pyrolysis plant in Europe
- Hear about how to upgrade pyrolysis oil to transportation fuel
- View pyrolysis as a starting point for biorefineries

Gerhard Muggen, Managing Director, **BTG BIOLIQUIDS**

Attacking the algae growth challenge through new process technology

- Overcome current limitations to ensure energy efficient continuous production
- Enable increased production rates and reduced operating costs by multiplying reactor layers
- Early results from the container based commercial pilot

Riggs Eckelberry, CEO, **ORIGINOIL**

The prospects for next generation biomass based gasoline and diesel

- Produce high cetane diesel additives by utilising sugar cane residues: BiCHEM
- Understand the advantages of Biomass Catalytic Cracking (BCC) – biomass based gasoline and diesel from pilot to demonstration scale
- Benefit from advice on securing venture capital investment and industry acceptance
- Gain insight into global legislative and policy developments and the business implications for the European market

Paul O'Connor, Director, **BIOeCON**

Q&A

17:00 End of conference day one followed by evening drinks reception and the WRA Biofuels 2010 Awards

BIOFUELS TESTIMONIALS:

"Well organised, structured event giving excellent opportunity to interact with segment stakeholders and promoting sustainable solutions"

Maks Neugarten, Business Development Director, **NOVOZYMES**



"The Biofuels conference is the most important event in this sector to discover the trends and the future of the industry"

Newton Oliveira, Planning Coordinator Institutional Communication, **NATIONAL AGENCY OF PETROLEUM, GAS AND BIOFUELS BRAZIL**

"This is an excellent event with valuable presentations on a very up-to-date topic"

Jacques Blondy, Agricultural Development Director, **TOTAL**

CONFERENCE DAY TWO: THURSDAY 11 NOVEMBER 2010
08:30 Registration and coffee

08:45 Opening welcome address and business card exchange

09:00 An end to the era of apology: sustainable biofuels

- Understand how the oil and biofuels industries integrate
- Gain insight into the sustainability requirements faced by the oil industry
- Learn how Total intend to boost global biofuels adoption

Philippe Marchand, Head of Biofuels and Regulations, **TOTAL**
Understand the diverse role biofuels will play in addressing climate change

- Learn how biofuels will complement electricity and hydrogen to lower emissions
- Hear the importance of being flexible in terms of feedstock and geography
- Gain insight into how to work with governments, certification bodies and NGOs to ensure sustainability is addressed
- Embrace socio economic responsibilities of sustainability: utilising residues and advanced biofuels
- Ensure technology meets consumer demands
- Enable sustainability in shipping and aviation

Peter Nohlmans, CEO, **NORTH SEA GROUP**
Making effective use of global resources

- Understand the effect of biofuels on land use change
- BioCarbon Tracker: mapping the threats to the world's carbon reserves

Andrew Owens, CEO, **GREENERGY**
Overcome the challenges of proving sustainability: our approach towards biofuel certification

- Hear the latest updates on Brazilian sugarcane ethanol production and use
- Understand how EU sustainability criteria for biofuels will affect the Brazilian sugarcane sector

Emmanuel Desplechin, Chief representative in the EU, **UNICA**
Understand the role of the NGO in the biofuels market

- Hear the latest updates on how to obtain certification for biofuels
- Overcome the challenges of implementing certification across different feedstocks and geographic regions

Doerte Bieler, Director Sustainability Biomass, **WWF**
Understand the European bioethanol market from the largest wheat bioethanol producer's perspective

- Ensure commercial viability of sustainable, 1G wheat ethanol
- Facilitate the domestic bioethanol market: trade implications
- Capitalise on co-production of animal feed to reduce carbonisation

Emmanuel Desplechin, Chief representative in the EU, **UNICA**

- Bypass iLUC challenges by increasing feedstock yield while maintaining land area
- Engineer the development of a successful business model to ensure commercial scale biofuel production

Alwyn Hughes, CEO, **ENSUS**
John Pinkney, Technical Director, **ENSUS**
Q&A
10:40 Morning coffee and networking

11:00 How the aviation industry will meet biofuels targets

- Hear the aviation industry's significant climate change contribution
- Map the road to sustainable aviation biofuels
- Overcome the challenges of creating the necessary supply and demand to drive the market
- Stimulate competition in the aviation fuel supply chain: creating green jobs, promoting energy security and demonstrating environmental benefits

Nick West, UK Communications Director, **BOEING**
SkyNRG: creating the market for sustainable aviation fuel: a joint venture between KLM Royal Dutch Airlines, North Sea Group and Spring Associates

- Establishing a successful partnership to create a tipping point for sustainable aviation fuel
- Demonstrating the commercial viability of sustainable aviation fuel production, logistics and usage

Dirk Kronemeyer, Managing Director, **SkyNRG**
Converting natural bio feedstock oils to drop-in green jet fuel

- Learn how to obtain certification for Synthetic Paraffinic Kerosene (SPK)
- Hear the benefits of 50/50 blending of SPK with petroleum-derived jet fuel to meet new ASTM D-7566 specification
- Maximise SPK yield through deoxygenation, isomerization and selective hydrocarbon cracking
- Create jet fuels from a variety of renewable sources such as jatropha, camelina and algae, enabling feedstock flexibility
- Advantages of renewable jet fuels: up to 90% GHG reduction compared to fossil fuels
- Latest news from civil & military demo flights and commercial projects

Jim Woodger, Biorenewable Technology Specialist, **UOP**
Q&A
12:30 Lunch and networking

After lunch Biofuels 2010 will split into three concurrent streams. Attend the sessions that are most relevant to you.

BIOALCOHOLS
14:00 Understand how agriculture and biofuels integrate

- Enable successful production of 75 million litres of bioethanol from sugar beet
- Facilitate business development from feedstock to marketplace
- Overcome illiquidity in the biofuels market

Peter Watson Head of Biofuels, **BRITISH SUGAR**
Understand the role of ethers in bioalcohol market penetration

- Harness the CO₂ value of ETBE
- Hear about synergies between ethers and alcohols
- Learn the GHG benefits of ethers
- Gain insight into the latest ethers market predictions

Walter Mirabella, Chairman Biofuels, **EFOA**
BIO AND RENEWABLE DIESEL

 Session chair: **Ausilio Bauen**, Director, **E4TECH**
14:00 Achieving African jatropha success in Europe

- Learn how to overcome funding challenges and recognise investment opportunities
- Hear the latest developments on the combined approach to renewable energy: solar power and vegetable oil powering an African village
- Understand the long term investment of Jatropha: the journey from planting to harvesting

Richard Morgan, CEO, **SUN BIOFUELS**
The integration of the oil and renewable diesel industries

- What is the role of biofuels within big oil companies? How do they fit with strategies?
- How do we increase the scale of biofuels within the refining industry?



CONFERENCE DAY TWO: THURSDAY 11 NOVEMBER 2010 CONTINUED

BIOALCOHOLS

Strategies for commercialising the bioalcohol market

- Overcome commercialisation challenges facing the bioalcohol market
- Learn how to secure investment
- Understand how to drive global adoption of bioethanol
- Understand the effect of trading carbon credits
- Gain insight into the potential for the integration of biofuels with other industries

Hear the latest commercial opportunities for bioethanol producers

- Capitalise on green chemical production from bioalcohols
- Understand how to successfully utilise residues from biofuel production

Rene van Sloten, Executive Director, Industrial Policy, **CEFIC**

How simultaneous bioethanol and green chemical production can generate revenue for your business

- Enable cost and production efficiency through differentiated duties
- Understand the tax and duty implications for the production of biochemicals
- Learn about the global trade implications of the development of import tariff systems to utilise the full potential of renewable energy for transports and the chemical sector

Per Carstedt, CEO, **SEKAB**

Using methanol to break the biomass limit of ethanol and unlock the full potential of bioalcohols

- Hear about a blending strategy for the near term security of the biofuels market
- Overcome the physical limit of ethanol feedstocks in the longer term

Jamie Turner, Chief Engineer, **LOTUS**

Richard Pearson, Technical Specialist, **LOTUS**

BIO AND RENEWABLE DIESEL

Driving bio and renewable diesel adoption around the world

- Understand how biodiesel production will reach commercial scale
- Learn how we can drive biodiesel adoption
- Understand how carbon credits relate to the biofuels industry
- Gain insight into the role of CSR in meeting government targets

Overcome the feedstock challenges for biodiesel

- How to boost biodiesel production in Europe by co-locating refineries and feedstock sources
- Hear South American suggestions for furthering the European biodiesel market
- Understand the impact of potential commercial conflicts and the effects of trade restrictions on European biodiesel imports

Carlos St James, President, **ARGENTINE RENEWABLE ENERGIES CHAMBER**

Hear the latest in sustainability, technology and innovation for trade in the biodiesel industry

- Understand oilseed to biodiesel downstream processing and trading activities in the Asia-Pacific region
- Capitalise on opportunities for partnerships between members of the oilseed to biodiesel supply chain
- Learn about the role of the plantation agency management advisor
- Hear the benefits of reducing fossil fuel dependency in agriculture: GHG emissions and indirect impacts
- Understand how the sustainability of the biofuels industry can be maintained through technology and innovation
- Ensure the protection of the local environment and conservation of biodiversity
- Learn how to ensure the welfare of local farmers and workers

Khoo Hock Aun, CEO, **COSMO BIOFUELS GROUP**

15:30 Afternoon coffee and networking

After the afternoon coffee break Biofuels 2010 will revert back to plenary sessions.

16:00 Understand the potential for sustainable second generation biofuel production in developing countries

- Learn about IEA projections on the role of biofuels as a low-carbon fuel
- Hear about current and future biofuel production in major economies and developing countries: Brazil, Cameroon, China, India, Mexico, South Africa, Tanzania, and Thailand
- Identify drivers for 2G biofuel development: legislative support, blending mandates, biofuel demand, certification, trading and investment opportunities
- Learn about feedstock characteristics, the potential for utilising forestry and agricultural residues
- Gain insight into IEA recommendations for ensuring sustainable 2G biofuel production and learn about IEA projections on the role of biofuels as low-carbon fuel.

Anselm Eisentraut, Biofuels Researcher, **IEA**

Understand the global commercial opportunities for the European biofuels market

Each round table discussion will focus on one of the geographic areas below. Each table will be chaired by an industry expert who will provide a summary to the whole conference ensuring a comprehensive world view is presented.

- Understand how regional developments will affect the European market
- Learn how you can capitalise on global biofuel opportunities

China: the low carbon technology opportunity – **Karl Watkin, MBE and BIOFUELS ENTREPRENEUR**

Argentina: renewable diesel opportunities – **Carlos St James, President, ARGENTINE RENEWABLE ENERGIES CHAMBER**

Africa: the biomass opportunity – **Meghan Sapp, Secretary General, PANGEA**

Round tables

17:30 Chairman's closing comments and end of conference



EXCLUSIVE SITE VISIT: FRIDAY 12 NOVEMBER 2010

Join BDI-BioEnergy International for an exclusive tour of the brand new biodiesel refinery in the port of Amsterdam. The Greenmills plant is the largest industrial biodiesel plant in Europe and produces high quality 2nd generation biodiesel from Used Cooking Oil (UCO), Animal Fat and Palm Fatty Acid Distillate (PFAD).

Due to the high level security and privileged nature of this tour, capacity is limited to the first 30 registrants – **book today to secure your place.**



SPONSORSHIP AND EXHIBITION OPPORTUNITIES

BIOFUELS 2010 will give your company an unrivalled opportunity to showcase your product or service to over 250 highly qualified industry experts.

- ✓ Meet the key decision makers from the world's leading oil majors and biofuel producers
- ✓ Position your company as a thought leader in this dynamic industry
- ✓ Demonstrate your leadership expertise
- ✓ Capture new prospects from the entire biofuels value chain whilst enhancing your corporate profile with existing clients
- ✓ Increase your brand recognition with a global decision making audience
- ✓ Add qualified leads to your sales pipeline
- ✓ Accelerate your existing pipeline by meeting your prospective clients
- ✓ Differentiate yourself from your competitors

Whether you are looking to build awareness, generate new business or strengthen existing relationships, a presence at BIOFUELS 2010 will help you achieve your business objectives.

Make sure that you are a part of this industry acclaimed event.

LIMITED OPPORTUNITIES AVAILABLE

There are a limited number of sponsorship, exhibition and branding opportunities available – book now to secure your place amongst the leading biofuels companies around the world.

Please contact

Bindu Jolly, Commercial Director

Tel: +44 (0) 207 067 1800

Email: B.Jolly@theenergyexchange.co.uk

TESTIMONIALS

"Well organised conference with interesting discussions and excellent business opportunities. Innospec will definitely be back in 2010. Thanks!"

Ralph Kramer, Regional Sales Manager, CEE, Russia & FSU, **INNOSPEC**

"The organisation and the size of Biofuels conferences organised by WRA attract all the key players in this fields and it is very successful"

Namdar Baghaei-Yazdi, Chief Technical Officer, **BIOCALDOL**

LinkedIn

Join us on LinkedIn. The Biofuels Europe group unites biofuels professionals from around the world and serves as a platform for discussion and networking.

For more information contact **z.nathan@theenergyexchange.co.uk** or visit **www.linkedin.com**

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REGISTRATION FORM

BIOFUELS 2010 5TH ANNUAL MEETING

AMSTERDAM, THE NETHERLANDS 9-12 NOVEMBER 2010

5 EASY WAYS TO REGISTER

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 z.nathan@theenergyexchange.co.uk
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 +44 (0) 20 7430 9513 or +44 (0) 1242 582 157
  World Refining Association, 4th Floor, 86 Hatton Garden, London, EC1N 8QQ

REGISTRATION FEE

| Package | Prices |
|---|--------|
| Conference | €1649 |
| Conf + Pre conf workshop | €2299 |
| Conf + Post conf site visit | €2299 |
| Conf + Pre conf workshop + Post conf site visit | €2949 |

If you wish to attend the Conference and only one of the workshops African Biofuels Opportunity or Commodities Risk Management please contact us

VAT will be charged at the appropriate rate where applicable.

Delegate Details

| Title | First Name | Last Name | Job Title | Email |
|-------|------------|-----------|-----------|-------|
| | | | | |
| | | | | |
| | | | | |

To register more than three delegates, please photocopy this booking form. Group discounts are available for more than three registrants, please email z.nathan@theenergyexchange.co.uk for further information
Company Name _____

Address _____

City _____ State/County _____

Country _____ Zip/Postcode _____

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Nature of Business _____

Authorised by _____ Signature _____

I agree to the terms and conditions listed below

Please provide the following details:

Company CEO _____

Head of Biofuels _____

Which stream do you plan to attend? Bioalcohols
 Bio and renewable diesel

ADMINISTRATION DETAILS

Accounts payable contact _____

Title _____ First Name _____ Last Name _____

Telephone _____ Email _____ EU customers VAT number _____

Payment Details – Please tick your chosen method of payment

I will pay by bank transfer/invoice

I will pay by credit card

Visa Mastercard

Amex Credit Card Number

Issue No Expiry Date

IBAN No

Name of cardholder _____ Address _____

Signature of cardholder: _____

TERMS AND CONDITIONS OF REGISTRATION:

WHAT IS INCLUDED IN THE FEE?

• Access to all presentations and networking opportunities • All food and refreshments during the conference sessions (excludes evening meals) • All post conference presentation slides and notes for training purposes • Access to international subject matter experts • Access to exhibition room • On-site assistance with networking • Pass to attend the hosted drinks reception (where applicable)

WHEN DO I PAY?

On receiving your completed registration form, we will send an official confirmation and invoice within 3 days. Payment of the full delegate fee is due 14 days from the invoice date, or immediately with registration if the booking is made within one month of the event. In the event that payment has not been received before the start of the event, delegates will be refused entry. We recommend you check with your finance department that payment has been made before travelling to the conference.

CANCELLATION POLICY:

Cancellations made within 48 hours of receipt of the completed registration form will be eligible for a full refund. Cancellations received in writing more than one month prior to the start of the event will be refunded less a 50% cancellation fee. Cancellations received in writing within one month of the start date of the event will receive no refund and registrants will be liable for payment of 100% of the invoiced amount. A substitute delegate can be named at any time before the event starts and no fees will be applied to this.

FORCE MAJEURE:

Please note that in case of force majeure the WRA is relieved of all obligations. Force majeure includes any circumstances beyond the will of the WRA, that impedes permanent or temporary compliance with the

obligations, such as 'acts of god' including war, danger of war, government regulations, revolts, strikes, transportation difficulties, fire or severe disturbances affecting the conference organisation or its suppliers.

ADMINISTRATION TERMS AND CONDITIONS

OFFICIAL VENUE AND HOTEL ACCOMMODATION: The Hotel Okura, Ferdinand Bolstraat 333, 1072 LH Amsterdam, The Netherlands, Tel: +31 (0) 20 6787 111, Fax: +31 (0) 20 6712 344, Email: info@okura.nl, Web: www.okura.nl. The cost of hotel accommodation is not included in the conference fee. The WRA has negotiated preferential rates at the hotel for delegates attending the event. Please contact Natasha Harwood via email n.harwood@theenergyexchange.co.uk for a hotel booking form.

LANGUAGE: The official conference language will be English.

CUSTOMER SERVICES: For questions concerning your registration attendance, visa support and invoice payments, please contact our Customer Services Department, Tel: +44 (0) 1242 529 090, Fax: +44 (0) 1242 582 157

IMPORTANT NOTES:

This booking form constitutes a legally binding contract. It may be necessary for reasons beyond the control of WRA to change the content and timing of the programme, the speakers, the date or the venue. In the unlikely event of the programme being cancelled, WRA will issue a credit note or make a full refund but disclaim any further liability. By submitting your details, you agree to the use of your personal information as set out in our privacy policy which can be found at www.wraconferences.com

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"Biofuels is an excellent conference! The contacts made here will be very valuable in business to come!"

Tom Fox, Originator, **BP Biofuels**



5TH ANNUAL MEETING

BIOFUELS 2010

Capitalise on the global biofuels opportunity

Hear the latest industry developments from our expert speaker line up:

Mark Gainsborough, Vice-President, Supply Strategy & Portfolio, **SHELL**

Philippe Marchand, Head of Biofuels and Regulations, **TOTAL**

Simo Honkanen, Senior Vice President Sustainability and HSSE, **NESTE OIL**

Jeff Passmore, EVP, Public Affairs, **IOGEN**

Pedro Carrillo Donaire, Trading EU, EVP, **ABENGOA BIOENERGY**

Mark Lyra, Commercial Director – Ethanol, **COSAN**

Adina Georgescu, Policy Officer, National Expert, **EC – DG ENER**

Anders Lau Tuxen, Energy Strategist, **NOVOZYMES**

Dickon Posnett, Development Director, **ARGENT ENERGY**

Andrew Owens, CEO, **GREENERGY**

Alwyn Hughes, CEO, **ENSUS**

John Pinkney, Technical Director, **ENSUS**

Senior representative, **PETROBRAS**

Professor Mossad Elmissiry, Head of Bioenergy Policy,
AU / NEPAD PLANNING AND COORDINATING AGENCY (NPCA)

Jessica Cedervall, Programme Director, **E.ON BIOGAS SVERIGE**

Eelco Dekker, Marketing and Sales Manager, **BIOMCN**

Hans Keuken, CEO, **HE BLENDS**

Marc Delcourt, CEO, **GLOBAL BIOENERGIES**

Lisa Kallal, Manager, Commodities EMEA, **CME GROUP**

Mark Skrypec, Manager, Biofuels Desk, **TULLET PREBON**

Ausilio Bauen, Director, **E4TECH**

Paul O'Connor, Director, **BIOeCON**

Jim Renner, Vice President - Biofuels & Water System Technologies,
VICTAULIC COMPANY

Richard Morgan, CEO, **SUN BIOFUELS**

Walter Mirabella, Chairman Biofuels, **EFOA**

Rene van Sloten, Executive Director, Industrial Policy, **CEFIC**

Dr Lutz Guderjahn, COO, **CROPENERGIES**

Anselm Eisentraut, Biofuels Researcher, **IEA**

Richard Stark, Chairman, Renewable Fuels Transport Group, **REA**

Emmanuel Desplechin, Chief Representative in the EU, **UNICA**

Peter Nohlmans, CEO, **NORTH SEA GROUP**

Lee Edwards, President and CEO, **VIRENT**

Michel Bloch, Senior Business Development Manager, **AXENS**

Hermann Stockinger, Director Sales, **BDI - BIOENERGY**

Markku Honkanen, Technical Advisor, Renewable Fuels, **NESTE OIL**

Alan Rae, Director of Corporate Finance & Global Business
Development, **KL ENERGY**

Frans Plantenga, Technical Director Alternative Fuel Technologies,
ALBEMARLE

Mike Knauf, VP and General Manager, Bioindustrials, **CODEXIS**

Per Carstedt, CEO, **SEKAB**

Rob Vierhout, Secretary General, **eBIO**

Carlos St James, President, **ARGENTINE RENEWABLE
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Jamie Turner, Chief Engineer, **LOTUS**

Richard Pearson, Technical Specialist, **LOTUS**

Khoo Hock Aun, CEO, **COSMO BIOFUELS GROUP**

Sigrild Brynstad, Principal Project Manager, **DNV CLIMATE
CHANGE AND ENVIRONMENTAL SERVICES**

Karl Watkin, **MBE** and **BIOFUELS ENTREPRENEUR**

Meghan Sapp, Secretary General, **PANGEA**

Lena Dahlman, Biofuel Expert, **SVEBIO**

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