



African Biofuels

"It is a fantastic conference and a recipe for Africa to search for green fuel"
Abdulrehman Mohamed, Mechanical Engineer, Kengen

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African Biofuels is the only biofuels event in Africa validated by SAIMechE and ECSA.

30 March - 2 April 2009, Vodaworld, Midrand, South Africa

Moving Beyond Current Industry Constraints to Create a Common Platform

Still Africa's only annual gathering of key players in:

Biofuels Production • Engineering • Energy • Technology • Food Processing • Oil & Gas/Petroleum • Agriculture • Chemicals • Automotive • Banking/Investment • R & D • Government • NGOs • SMMEs

2-day main conference: 31 March & 1 April 2009

Featuring up-to-date and keynote presentations from:

Andrew Makenete, President, Southern African Biofuels Association
Mark McLoughlin, National Specialist Policy & Strategy: Petroleum, SARS
Brian Tait, Manager Alternative Energy, Sasol
Anton Louis Olivier, Managing Director, NuPlanet Clean Energy
Neville Murray, General Manager, Biodiesel Centre
Marco Lotz, Project Engineer, Promethium Carbon
Erhard Seiler, CEO, Southern African Biofuels Association
Meghan Sapp, Managing Director, HG Consulting & President, PANGEA
Tyson Bruno Chisambo, Director, Biofuels Association of Zambia
Rory G. Baker, Managing Director, Bauche Energy Africa

Serigne Amar, Director, Yelitare Bioenergy & Vice President, African Association for the Advancement of Biofuels, Senegal
Anna Lerner, Biofuels Program Officer, ProBEC Mozambique
Thierno Bocar Tall, Project Manager, African Biofuels & Renewable Energy Fund
Dr Adrian Wynne, Director: Industrial Affairs, SA Canegrowers Association
Chantel Ilbury, Scenario Planner, Strategist
Chis Way, Operations Director, Rainbow Nation Renewable Fuels

With first-hand case studies from:

Bioethanol Limited, UK • HE Blends, The Netherlands • DB Agroenergy, Turkey • Winrock International India • World Mobile Plants • Principle Energy • ProBEC Mozambique

Intensive Pre-Conference Focus Day:

Monday, 30 March 2009

Putting together a viable business case for biodiesel, ethanol and alternative biofuel production

Hear about the latest production strategies from:

* FIS BioDiesel * Biofuels ON * Lubrizol SA * Bronzeoak Ltd * Silversands Ethanol * Ethanol Company Limited * National Oil Company of Zimbabwe * Jatropha Africa Limited * Bioservices * AR Process Projects * ChemCity * Enhanced Biofuels & Technologies India *

Post-Conference Day:

Thursday, 2 April 2009

Moving towards second generation biofuels and technologies

Presentations from:

* University of Stellenbosch * Bioneer * Rockwell Automation * Biofuels Digest/ American Biofuels Council * Sasol Technology * EcoCity Trust * GC Biofuels (Pty) Ltd * PANGEA/ Fair Energy SA *

Exhibiting at Biofuels 2009:



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Intensive Pre-Conference Focus Day: Monday 30 March 2009

Putting Together a Viable Business Case for Biodiesel, Ethanol & Alternative Biofuel Production

07:15 Registration & early morning refreshments

08:15 Chairman's opening remarks
 **Andrew Makenete**, *President, Southern African Biofuels Association*

08:30 Exploring effective strategies for putting together a viable business case for biofuels production

- Which aspects do you need to consider when looking at a business case for biofuels production?
- How to create a good production model for your specific business
- Ways to ensure that you receive return on investment where needed
- Identifying & working with the right partners



Kevin Baart, *Senior Manager, Deloitte*

Implementing the latest production approaches to Biodiesel

09:00 Evaluating the current biodiesel production strategies and approaches

- Elaborating on the usage of biodiesel
- Tackling the notion that biodiesel could be a 'problem fuel' due to lubrication, oxidation
- Identifying the current biodiesel needs and opportunities in Africa
- What are the most common biodiesel misconceptions?
- How to set up and maintain a biodiesel facility

Louis Nyeri, *Managing Director, FIS BioDiesel*

09:45 How does increasing biofuel blending, demand new additive technology?

The presentation will provide you with an overview of biofuel performance areas where fuel additives are being used to improve quality by focusing on:

- Which biofuel performance concerns are being met with current technology additive treatment?
- Which biofuel performance issues require customised solutions or new additive technology?

Martin Webster, *Sales Manager – Africa & Managing Director, Lubrizol South Africa (Pty) Ltd*



10:15 Mid-morning refreshments & networking

10:45 ChemCity- technical challenges facing SMME's in biodiesel production

- A brief overview of the SMME biodiesel projects in South Africa
- Which technologies are currently used and why?
- Exploring the common technical challenges and possible solutions

Reshan Sewnarain, *Business Support Manager: Renewable Energy, ChemCity*



Ethanol: Understanding ethanol production and commercialisation processes

11:30 Innovative process automation solutions: You can't optimise what you haven't measured!

The market situation requires from the Biofuels industry high quality fuels to relatively low prices. To fulfil this task, producers are optimising their processes and control systems, for example the quality requirement of petrol industry to blend biofuel to fossil fuel

is much more controlled as in the past when biofuel was sold directly to the end customer on the filling station. For that reason the providers of measuring and control systems are asked to support their customers.

- Increase quality and production safety with online measurements
 - Trends in online analytical measurement
 - High accurate mass flow measurement
 - Low level color absorbance measurement to control the ASTM color of biofuel according petroleum products
- Reduce operational expenditure and down time with asset management
 - The life cycle of measuring and automation devices
 - Where do we have cost driving influences "cost of ownership"
 - Web based asset management system, a solution to handle device information and managing the life cycle of the installed base measuring and automation devices.

Lukas Hablützel, *Global Industry Manager: Renewable Energy, Endress+Hauser Metso AG*

12:15 Lunch & networking

13:15 Silversands Ethanol - production of ethanol gel fuel as a reliable alternative to fossil fuel

- Producing ethanol from locally grown grain sorghum
- Ways of blending the ethanol gel
- Methodologies for meeting the SABS standards
- Moving towards commercialisation- the return on investment
- An overview of current/ future project initiatives



Derek Mathews, *Managing Director, Silversands Ethanol*

13:45 Malawian Ethanol Industry: ethanol production and marketing in Malawi, 27 years on

- Looking at the history of ethanol production and companies involved in Malawi
- Insight into Malawi government initiatives, funding and the movement towards alternative fuels and ethanol
- Ethanol from sugar molasses in Malawi
- Commercialisation of ethanol and international links



Daniel Liwimbi, *General Manager, Ethanol Company Limited, Malawi*

Alternative fuel inter-changeable crops & oils for biofuel production

14:15 The Zimbabwe Biofuels Programme – the quest for biodiesel production from jatropha

- Experiences in the current creation of the Zimbabwe biofuels sector
- Production of biodiesel feedstock from jatropha: looking at the national programme and its objectives
- Empowering small-scale farmers through jatropha growing
- Strategies in running a low-cost industrial scale jatropha feedstock generation programme



Abisai Mushaka, *Biofuels Programme Manager, National Oil Company of Zimbabwe*

14:45 Ghana experience- blueprint for developing a successful jatropha project in Africa

- Controlling the supply and price of the refinery's feedstock
- Jatropha as an alternative feedstock for biodiesel production: the perfect answer?
- What is Africa's main reason for inability to exploit its competitive advantages of climate, land and relatively low labour cost?
- Critically evaluating the flawed vs. good business models
- Attracting appropriate investment into projects



- Case study examples
Joseph Oforu-Aikins, *Director of Strategic Planning, Ghana Biofuel Crops Limited, Ghana*

15:15 Mid-afternoon refreshments & networking

15:45 Algae to ethanol: using algae fermentation to produce ethanol

- Why ethanol and not oil for biodiesel?
- Unpacking the general processing steps
- Looking at the pilot plant and the related challenges and developments
- How to move towards commercialisation
- Critically analysing the business model for algae to ethanol



Rex Zietsman, *Sales Director, AR Process Projects*

16:15 Enhanced Biofuels & Technologies India: Part 1: Production of non edible feed stock from Jatropha and Micro algae

- Jatropha in India and the part of EBTI in development of Jatropha
- Algae source of biofuels: pond scum as a promising source
- EBTI's focus and achievements in microalgae derived biofuels



16:45 Part 2: Aviation biofuels
• Deriving bio-aviation fuel from renewable resources - Jatropha curcas and Micro-algae
Ganapathy Arumugam, *Managing Director, Group Science Director & Founder, Enhanced Biofuels & Technologies India (Pty) Ltd*

(EBTI is the first company in the world that made an investment of \$ 12 million so far only in research and secured contacts and contracts to a total tune of 1.8 Million Ha Jatropha and Algae each 75% and 25% respectively)

17:15 Introduction: **Janske van Eijck**, *General Manager, Diligent Tanzania Ltd Jatropha video viewing session*

17:45 Chairman's closing remarks & End of day 1

Premium 2-day Conference

Moving Beyond Current Industry Constraints to Create a Common Platform

Main Conference Day 1: Tuesday 31 March 2009

07:00 Registration & early morning refreshments

07:45 Chairman's opening remarks
Tyson Bruno Chisambo, *Director, Biofuels Association of Zambia*

08:00 Exploring the different possible scenarios for the future of the biofuels industry in South Africa
Chantell Ilbury, *Scenario Planner, Strategist and Author*

09:00 Critically evaluating the current status of the biofuels industry and opportunities in Africa

- Opportunities missed in South Africa and the reasons behind this
- Insight into the latest small producer experiences and successes
- Exploring the developments in small producer technologies
- New opportunities in oils seed supplies
- Comment on the food security argument and various world industry responses
- Letters from world biofuels industries to world governments
- Success stories in 2007/2008

Neville Murray, *General Manager, Biodiesel Centre*



Erhard Seiler, *CEO, Southern African Biofuels Association*

09:45 **When and to what extent will Africa become a viable player in the international biofuels market? Or: Will the African continent become a black hole in biofuels production?**

Panel Discussion:

- An overview of African biofuels in the global context
- Analysing changes in the global Biofuels market in the past year and the implications for development of the African market
- Evaluating and exploring African countries' situations: who has similar drivers, problems and opportunities?

Panelists:


 **Dr Adrian Wynne**, Director: Industrial Affairs, SA Canegrowers Association
 **Tyson Bruno Chisambo**, Director, Biofuels Association of Zambia
 **Serigne Amar**, Director, Yelitare Bioenergy & Vice President, African Association for the Advancement of Biofuels, Senegal

Open Floor Delegate Feedback

10:30 Mid-morning refreshments & networking

11:00 **Biofuels in Africa: Accessing markets and extracting real value**

- Keeping an eye on international markets and trends
- Effectively managing biofuels logistics and supply chain

 **Rory G. Baker**, Managing Director, Bauche Energy Africa (Pty) Ltd

11:30 **Aligning all of the potential biofuels players in Southern Africa with the bigger biofuels strategy and reaping the benefits**

- What would be the advantage of getting the relevant industries involved and how can a win-win situation be created?
- Will government fully drive the Southern African biofuels industry and to what extent should the private sector create own initiatives?
- How to take the niche biofuel project opportunities in Southern Africa and make them commercially viable?

Open Discussion Facilitated by Chairman:
 **Tyson Bruno Chisambo**, Director, Biofuels Association of Zambia

12:00 Lunch & networking


13:00 **Critically exploring the current and future availability of land for biofuel production in Africa**

- Food versus fuel – why is it assumed that Africa can't produce both and to what extent is it only the land issue?
- Which African countries import crops and yet produce biofuels: exploring the business case and the plans for biofuel future production provisions
- Resolving the issues around communal land and commercial initiatives
- What is the definition of 'marginal land' and can it be found in Africa?

 **Andrew Makenete**, President, Southern African Biofuels Association

13:45 Talk by Evonik Dugussa

14:30 **Roundtable on Sustainable Biofuels: ensuring the sustainability of future biofuels through standard setting**

 **Annie Sugrue**, Director, EcoCity Trust

15:00 **An overview of the biofuels sustainability criteria being developed in the world and how they will affect access to the EU/US markets**

- Exploring the rationale for developing sustainability criteria, outline of the most relevant schemes in development
- Evaluating the current link and opportunities for sustainable biofuel production between Africa, Europe and United States
- How the international criteria will impact the African market, what measures must

be taken to ensure access to international markets for African actors?

- What will be the cost implications for producers?
- Q & A



 **Anna Lerner**, Biofuel Programme Officer, ProBEC Mozambique

15:30 Mid-afternoon refreshments & networking

Legislative Update

15:45 **Critically evaluating the changes South African biofuels industry needs in order to drive future industry growth**

Panelists:

 **Andrew Makenete**, President, Southern African Biofuels Association
 **Brian Tait**, Manager Alternative Energy, Sasol

16:30 **An overview of Zambian Draft National Energy Strategy comprising biofuels: exploring the benefits and the impacts on the current status of biofuels in Zambia**

- Zambia's initiatives seem very market driven without firm regulatory framework in place: will the national strategy change anything?

 **Tyson Chisambo**, Director, Biofuels Association of Zambia

17:00 **ProBEC in cooperation with the SADC Secretariat and national governments: working together to support private sector groups and policy makers in preparing the region for a sustainable biofuels industry**

- What roles do ProBEC and the SADC Secretariat play in strengthening a sustainable biofuel industry in the SADC countries? How do they interact with key stakeholders (governments, private investors, civil society)?
- Which measures are necessary in Mozambique and Tanzania to ensure the sustainability of the industry?
- Drafting national/regional sustainability standards for biofuels to support international market access: a sneak preview of what the standards will contain
- Q & A


 **Anna Lerner**, Biofuels Program Officer, ProBEC Mozambique

17:45 Chairman's closing remarks and end of main conference day 1

Main Conference Day 2: Wednesday 1 April 2009

07:15 Early morning refreshments

07:45 **Chairman's opening remarks**

 **Meghan Sapp**, Managing Director, HG Consulting & Secretary General, PANGEA

Biofuels Funding and Economics

08:00 **How to access new sources of financing and innovative structures for biofuels deals in Africa**


- Exploring the current involvement of:
 - International partners
 - Government subsidies
 - Banks vs. other types of investors
- Where is the current funding mostly coming from and why?
- How are project owners and entrepreneurs currently dealing with the struggle of finding the funding?
- How to ensure the return on investment to investors
- Avoiding the over-powering of large investors

 **Thierno Bocar Tall**, Project Manager, African Biofuels & Renewable Energy Fund

08:30 **Pricing and taxation of fossil fuels and biofuels in Africa**

- Retail fuel prices in Africa
- Fuel subsidies

- Fuel taxation
- Bio fuels in Africa and subsidies or tax relief


 **Mark McLoughlin**, National Specialist Policy & Strategy: Petroleum, South African Revenue Service

09:00 **Creative ways of financing projects - Imtech's funding, technology and capacity support for green projects**

- Evaluating the kind of support Imtech can provide to projects in South Africa, Egypt, Ethiopia, Brasil and India
 - What are the benefits of getting involved in projects and what is the return on investment?
 - Defining the 'business case' behind your project
 - An outline of Imtech's support in the World Mobile Plants pilot biodiesel project
-  **Carlo Bakker**, CEO/Founder, World Mobile Plants

09:45 **Commercial and project finance aspects of CDM- Practical steps to Carbon financing and the benefits for your biofuels project**


- Why carbon finance?
- Exploring carbon finance on a recourse financed project
- Bethlehem Hydro case study
- Critically exploring carbon finance as project finance
- Corobrik Lawley case study
- How to ensure carbon credit cash flow
- Implementing effective carbon credit risk management strategies
- Trends to keep an eye on

 **Anton Louis Olivier**, Managing Director, NuPlanet Clean Energy

10:15 Mid-morning refreshments & networking


11:00 **Biofuels and emission reduction incentives (CDM/VER) criteria**

- Gaining insight into general and specific rules and regulations of biofuel emission reduction schemes
- Matching biofuel products with the most applicable emission reduction incentive
- The monetary values that can be generated

 **Marco Lotz**, Project Engineer, Promethium Carbon

National and International Case Studies & Perspectives: project round-up

11:15 **Rainbow Nation Renewable Fuels- soya/ biodiesel agri-processing plant in Coega IDZ**

 **Chris Way**, Operations Director, Rainbow Nation Renewable Fuels

11:45 **Mozambique Principle Energy Lda - a vertically integrated ethanol from sugar cane development project**

- Exploring the path followed by Principle Energy in Mozambique
- Insight into the legislative and governmental requirements for large projects
- Strategies for effectively using local knowledge and experiences
- An overview of lessons learnt from the project

 **Richard Hurly**, Chief Operating Officer, Principle Energy

12:30 Lunch & networking

13:30 **Bioethanol Limited UK Immingham bioethanol project - Developing and financing large biofuels projects**

- Business drivers for building one of the first commercial large scale bioethanol plants in the UK
- Insight into all of the role players in the project
- Steps for obtaining the necessary funding for the project and all of its phases
- Evaluating the expected return on investment (ROI) of the project



Eur. Ing. Mike Eyre, *Managing Director, Bioethanol Limited, UK and Fellow of The Energy Institute*

- 14:00 HE Blends: Hydrous ethanol vs. anhydrous ethanol in gasoline for Africa**
- What is the new insight in ethanol blending?
 - Sharing our experience (water injection improves mileage)
 - Advantages for African countries (facilitate cheaper, easier, and locally produced bio-ethanol)
 - Massive opportunity for CDM benefits in Africa

Hans Keuken, *Managing Director, HE Blends, The Netherlands*

- 14:30 Cultivation of Safflower plant in dry climates and on poor lands as an alternative feedstock for Biodiesel industry in Turkey**
- Cultivation practices of Safflower in Turkey (in dry & poor conditions)
 - Certified seed production practices to increase the oil content and economical value of Safflower plant
 - The economical value of Safflower plant from Biodiesel industry perspective
 - The physical and chemical properties of methyl esters derived from Safflower oil.
 - The potential value of Safflower for dry climates

Selcuk Borovali, *Managing Director & Executive Board Member, DB Agroenergy, Turkey*

15:00 Mid-afternoon refreshments & networking

- 15:30 Conference video call Environmental footprint through LCA approach and sustainability matrix for biofuel based rural electrification - Winrock India's experience**
- Comparative assessment of various options for decentralised rural electrification
 - Sustainability issues of biofuel based decentralised distributed systems
 - Environmental footprint of biofuel based rural electrification by using the LCA approach

Somnath Bhattacharjee, *Vice President, Winrock International, India*

- 16:00 European point of view on African biofuels challenges and opportunities**
- Critically analysing Europe's turbulent love affair with biofuels
 - Where is there room for African biofuels in the EU market?
 - Exploring the barriers to access and ideas to overcome them

Meghan Sapp, *Managing Director, HG Consulting & Secretary General, PANGEA*

- 16:45 Open platform delegate discussion**
- Email us or post (on our website) your question/s or industry development topic/s that you would like the delegates to discuss in this open platform

17:30 Chairman's closing remarks & end of main conference day 2

Post-Conference Focus Day: Thursday 2 April 2009

Technologies and the Move Towards Second Generation Biofuels

07:15 Registration & early morning refreshments

08:00 Chairman's opening remarks
Prof Emile van Zyl, *SANERI Senior Chair of Energy Research, University of Stellenbosch Technology*

08:15 Bioneer - Research and Development of continuous biodiesel technology in South

Case Study:



- Africa**
- An overview of biodiesel technologies world wide
 - Biodiesel theory and trade-offs
 - Making SABS spec biodiesel from a variety of feedstock
 - Ensuring maximum process efficiency
 - Bioneer biodiesel technology for Africa: esterification, ultrasonic technology, glycerol refining
 - Case study: 1st continuous and fully automatic biodiesel plant in SA

Gerrit Smit, *Managing Director, Bioneer*

08:45 Rockwell Automation solutions and technology for the biofuels industry: exploring the latest industry experiences

- Insight into the current issues facing the biofuels industry
- How to choose a technology partner for success and what requirements should be considered
- Analysing the global supply & local capabilities
- Strategies for delivering real value
- Technology & expertise

Grant Watkins, *Industry Manager, Rockwell Automation*

09:15 Evaluating the latest in biodiesel technology and waste feedstock to biodiesel by looking at:

- Feedstock
- Technology:
 - Pressurised esterification
 - Ultrasound & Jet Reactor (Transesterification)
 - Patent pending
- Blending
- Glycerol applications

George Niewoudt, *Managing Director & Founder, Biofuels ON*

Moving towards second generation biofuels

10:00 International trends in second generation fuels, technology, policy and sustainability

- Exploring the international feedstock prices and trends, 2009-2014
- Cellulosic ethanol, gasification, pyrolysis and other new processes: an overview
- New engines and fuels, 2009-2014
- Sustainability criteria: overview of competing systems
- Carbon offset opportunities with new climate treaty

Jim Lane, *Editor, Biofuels Digest & Chairman, American Biofuels Council*

10:45 Mid-morning refreshments & networking

11:15 New Research - Production of next generation biofuels: using enzymes as catalysts and creating a green approach with a low carbon foot-print at the same time

- Insight into the South African pilot plant running entirely on bacterial enzymes that has just registered as non-commercial fuel producer
- Comparing enzyme catalysts in overseas operations versus what is being done locally

Dr Irene Finnegan, *Chief Chemist, Bioservices cc*

11:45 Moving towards 2nd generation biofuel production in Africa - how to get there?

- Exploring the thermo conversion technologies: gasification of cellulosic and waste feedstock
- Analysing the infrastructure of biomass sources for large scale second generation technologies

Werner Euler, *Business Analyst: Technology Management & Licensing, Sasol Technology (Pty) Ltd*

12:30 Lunch & networking

13:30 Exploring second generation technologies for cellulosic biofuel production in Southern Africa

- The development of local technologies and integration of technologies across the biofuels value chain: providing opportunities to substantially impact the cost of lignocellulose processing, thus enabling the commercialisation of 2nd generation biofuels production
- Steps for developing commercially viable 2nd generation lignocellulose conversion technologies to biofuels in Southern Africa
- How the SANERI Energy Chair in Biofuels envisages establishing South Africa as a technology - and services-provider to biofuel producers in Southern Africa
- How will these technologies assist in job creation in the agricultural sector, wealth creation in general and helping southern Africa to become less dependent on crude oil and associated security risks

Prof Emile van Zyl, *SANERI Senior Chair of Energy Research, University of Stellenbosch*
Johann Gørgens, *Senior Lecturer, University of Stellenbosch*

14:15 Evaluating effective implementation of biomass gasification projects

- Strategies and challenges in the construction of biomass gasifiers
- Exploring biomass gasifier operational issues
- Insight into the production from manure and farm wastes

Mark Glock, *Technical Director, GC Biofuels Pty Ltd*

15:00 Mid-afternoon refreshments & networking

Mini Workshop

15:30 Partners for Euro-African Green Energy (PANGEA) Led by: PANGEA

Introduction: Meghan Sapp, *Managing Director, HG Consulting and Secretary General, PANGEA*

Pierre Alain Puippe, *Board Member, PANGEA & Sugar & Ethanol Manager, Fair Energy SA*

Marc de Witt, *University of Utrecht the Netherlands*
Masfimo Marletto, *PANGEA*

- African Biofuels in the European Marketplace
- View from the European Parliament: Member of European Parliament (MEP)
- View from the European market: Demand for African biofuels, existing trade flows and future potential as well as physical trade barriers (European ethanol trader)
- Sustainability certification: Certification schemes for EU sustainability criteria, how to qualify, costs and requirements (certification expert)

About PANGEA:
Partners for Euro-African Green Energy (PANGEA) is a Brussels-based trade association dedicated to developing and promoting sustainable African biofuel production and policies, utilising trade as an economic development tool to benefit both the physical and economic environment via local biofuel consumption and value-added exports to the EU.

17:30 Chairman's closing remarks & end of conference

Dear **Executive**,

The Institute for International Research will be holding its annual and premier **African Biofuels** event from **30 March to 2 April 2009**. This is the biggest biofuels event and exhibition on the African continent that attracts major national and international role players and people interested in entering this market. The main aim of the 2009 event will be to move beyond current industry constraints in order to create a common platform that can aid in unifying different players and advancing biofuels opportunities on the continent.

Even though there have been some industry challenges related to legislation, funding and general commercial issues, biofuel still remains one of the main alternative sources of fuel, and a big opportunity for the African continent. By attending this event you will be able to explore the current national and international opportunities that can move the industry forward.

The **4 day event** will showcase **over 40 speakers, numerous African and international case studies, panel discussions, open floor delegate discussion sessions, mini-workshops and focused expert sessions.** The event is structured in such a way as to attract companies who have been in the industry for a while as well as new entrants into the market who would like to know more about the various biofuel production methods and available technologies.

Day 1, a pre-conference focus day, will deal with latest biofuels production methods, focusing on ethanol, biodiesel and other alternatives. This day is aimed at companies wanting to get into the industry or industry players who would like to gain further insight into latest production methods.

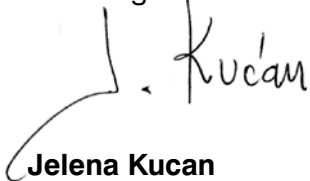
Days 2 & 3 are the main conference days that will focus on the latest challenges and opportunities found on the continent. These 2 days would attract past and new delegates wanting to know what the current state of play is. If you attend these days you will be able to discuss the latest issues and developments through interactive panel discussions, open floor delegate discussions, national & international case studies and different sector views.

Day 4 will focus on technology and the movement towards second generation biofuels. If you are interested in finding out what technologies are currently making waves or about how Africa can move towards second generation and reap the benefits, than this day is not to be missed.

You also **cannot afford to miss** our **African Biofuels exhibition** that will be running alongside the event for 2 days. The exhibition promises to bring together main local and international industry experts and solutions providers, more exhibition stands and even more networking opportunities than ever before.

I look forward to seeing you at *the* African biofuels event of 2009.

Kind Regards



Jelena Kucan

Divisional Manager

Institute for International Research SA

P.S. Do not miss the PANGEA mini-workshop on Day 4 to find out about the Europe- Africa biofuel link and opportunities



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Do you want to position your company as a **leading supplier** to the biofuels industry? Would you benefit from **aligning yourself** with the top service and technology providers in the world? If you've answered yes, you need to contact **Jason Chadwick** now to book your sponsorship and exhibition space at Africa's leading biofuels event.

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For more information visit: www.africanbiofuels.co.za, **email:** registrations@iir.co.za **or call:** + 27 11 771 7000

In the event of unforeseen circumstances IIR SA BV reserve the right to change the programme content, the venue or the dates.

4th African Biofuels

30 March- 2 April 2009
Vodaworld, Midrand, Johannesburg

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-  Call the Institute for International Research booking hotline on +27 11 771 7000 OR
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Substitutions: Registered delegates may be substituted at any time prior to the conference without incurring an additional fee. Please notify the office in writing of the change.

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3 Days	R10 499 (+ 14% VAT)	R11 499 (+ 14% VAT)
2 main conference days	R8 499 (+ 14% VAT)	R9 499 (+ 14% VAT)
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Company: VAT Registration No.:
 Switchboard No.: Fax:
 Postal Address: Postal Code:
 No. of employees on your site: 0-49 50-249 250-499 500-999 1000+ Nature of your company's business:
 Approving Manager's Name: Job Title:
 Contact Name in case of queries: Job Title:
 Direct Tel No.: Fax:
 E-mail: Cell:

DELEGATE DETAILS:

1: Title: First Name: Surname:
 Job Title: E-mail:
 Direct Tel No: Cell: Fax:
 *Would you like to receive e-mails on upcoming IIR Events? Y N Please select the days you will be attending: 30 Mar 09 31 Mar 09 01 Apr 09 02 Apr 09

2: Title: First Name: Surname:
 Job Title: E-mail:
 Direct Tel No: Cell: Fax:
 *Would you like to receive e-mails on upcoming IIR Events? Y N Please select the days you will be attending: 30 Mar 09 31 Mar 09 01 Apr 09 02 Apr 09

3: Title: First Name: Surname:
 Job Title: E-mail:
 Direct Tel No: Cell: Fax:
 *Would you like to receive e-mails on upcoming IIR Events? Y N Please select the days you will be attending: 30 Mar 09 31 Mar 09 01 Apr 09 02 Apr 09

4: Title: First Name: Surname:
 Job Title: E-mail:
 Direct Tel No: Cell: Fax:
 *Would you like to receive e-mails on upcoming IIR Events? Y N Please select the days you will be attending: 30 Mar 09 31 Mar 09 01 Apr 09 02 Apr 09

*IIR values your privacy and will ensure that your e-mail address remains private and confidential.

NB: I hereby acknowledge that I have read and understand all the terms and conditions of my registration

Signature: Name:

2 Easy ways to pay (Please fax through deposit slip for attention Customer Services)

1. **By Bank Transfer:** Bank Transfer should be made to: **Account Name:** IIR SA BV
Bank: First National Bank
Account No.: 5037 0067 157
Branch: Rosebank 253305
2. **By Credit Card:** Please debit my credit card for R.....
 Amex Diners Club Visa Mastercard
 Card No.:
 Expiry date:

ID Number:

Signature: