### Conference Registration Form

**2nd African Biofuels**

**Where?** 27-30 March 2007

**Where?** Vodaworld, Midrand, South Africa

**How do I register?**

Please note that all methods of registration are subject to our standard terms and conditions.

There are five ways to register:

1. **By Telephone**
   - CALL US ON (+27 11) 771-7000 to reserve your place, and
   - FAX US ON (+27 11) 880-6789 in order to guarantee your place at the event

2. **By Post**
   - MAIL the completed registration form with your cheque made payable to: Institute for International Research (P.O. Box 2523, Parklands 2121).
   - For attention: The Conference Administrator
   - VISIT OUR WEBSITE: www.africanbiofuels.co.za

**PLEASE NOTE:** The organisers reserve the right to refuse admission where evidence of payment cannot be shown.

**Payment must be made prior to the event running.**

**Substitutions:**

- Registered delegates may be substituted at any time prior to the conference without incurring an additional charge.
- Between 28 February and 14 March 2007 a cancellation fee of 50% will be charged. Thereafter the full fee is payable.
- Please notify the office in writing.

**Special Team Discount**

Register 5 delegates or more and receive a R10,000.00 corporate discount on each booking. This applies to each tier price if you register for all 4 days.

**Special Corporate Discount**

Register 3 delegates or more and receive a R5000.00 corporate discount on each booking. This applies to each tier price if you register for all 4 days.

**Press permission must be obtained 2 weeks prior to the event and is dependant upon speakers’ approval.**

**Confirmation:**

All registrations will be deemed confirmed and subject to these terms and conditions.

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**CONFERENCE REGISTRATION FORM**

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<tr>
<th>First Name</th>
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**3 EASY PAYMENT METHODS:**

1. **By Bank Transfer:**
   - Pay into the following account:
   - **Bank:** First National Bank
   - **Branch:** Rosebank 25135
   - **Account No.:** 1037096727 • **Branch:** Rosebank 25135

2. **By Cheque:**
   - Mail the completed registration form to our Customer Services Department.

3. **By Credit Card:**
   - Please debit my credit card for R........................................................

**Name of Colleague in same department:**

**Designation:**

**E-Mail:**

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**Register 6 delegates or more and receive a R1,000.00 corporate discount on each booking. This applies to each tier price if you register for all 4 days.**

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**PRESENTATIONS BY THESE LEADING ORGANISATIONS:**

- **Platinum Sponsor:**
  - ABSA
  - Gold Sponsors:
  - Eversheds
  - Special Team Discount
  - Special Corporate Discount
  - Silver Sponsor:
  - Uhde
  - Keynote Address
  - The South African Department of Minerals and Energy

**6 major themes**

- Regulation, strategy and financial incentives for South African biofuels
- The production of ethanol and biodiesel
- A financial & economic look at the industry
- The impact of biofuels on vehicle manufacturers
- The impact of biofuels on fuel producers
- Alternative uses for biofuels – electification and telecommunications

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**Plus**

Workshop - 30 March

Analysing the impact of blended fuels on engine technology and development - deriving solutions from an emerging market: Biofuels for vehicle applications

Dr John Bennett, Ford Motor Company UK
The most comprehensive biofuels event in Africa delivering critical information on the rapidly growing biofuels industry

2nd African Biofuels
27-30 March 2007 • Vodaworld, Midrand, South Africa

Contributions from:

Noel Kamrajh, Project Leader, IDC
Deputy Director Renewable Energy, Department of Minerals and Energy
Mark McLoughlin, Fuel Specialist, SARS
Abner Manaka, Manager: Chemical and Mining Standards, SABS
Senior Representative, Department of Agriculture
Paul Rodzianko, Vice President, Greenfuel Technologies Corp, USA
Justin Vermaak, Chief Executive Officer, Verus
Dr Ferdinand Meyer, Head: Bureau for Food and Agricultural Policy, University of Pretoria
Gregor Paterson-Jones, Chief Executive Officer, Sterling Waterford
Andrew Makanete, President, Southern African Biofuels Association
Anton Moldan, SAPIA
Barrie Barnard, Honda South Africa
Senior Representative, Tongaat Hulett
Noel Guy, Marketing Manager, UDHE
Barbara Harten, Product Manager: Biodiesel, GEA
Westfalia Separator SA
Dr John Purchase, General Manager, GrainSA

Johan Hoffman, Chief Executive Officer, Ethanol Africa
Ghanashyam Deshpande, Vice President: Alcohol Technology, Praj Industries Ltd
Jose Francisco Davos, Senior Vice-President: Sugar & Ethanol Division, Dedini
Ivan Basson, Mining and Process Consultant, AngloGold Ashanti
Dr Irene Finnegan, Chemist, Bioservices cc
Penny Healy, Group Executive, D1 Oils Africa
Dr Isaak Berkin, Chief Technology Officer, Greenfuel Technologies Corp, USA
Fazel Moosa, Manager: Agribusiness Projects, ABSA
Rick Dillon, Head of Emerging Agriculture, First National Bank
Douglas Austin, Consultant, AC Mining
Remi Burdairon, Chief Executive Officer, Louis Dreyfus Commodities
Rory Baker, Chief Executive Officer, Anior Marketing
Dr Adrian Wynne, Deputy Director: Industrial Affairs, SA Canegrowers Association
Toku Fundira, Researcher, Tralac
Al von Wielligh, Researcher, Diesel, University of Pretoria
Dr John Bennett, Manager: Fuels and Lubricants, Ford Motor Company UK
Paul Maher, Chief Executive Officer, NanoElf Biodiesel

Dave Gamble, Senior Tribologist, Anglo Field Services
Harold Annaeeg, Department of Geography, Environmental Management and Energy Studies, University of Johannesburg
Arthur Dykes, Consultant
Douw van der Merwe, Sasol
Ian Baxter, Refinery Strategic Planner, Engen
Norbert Palauscheck, Lurgi
Sean Sims, Systems Director, Alpret Control Specialists, Local Business Partner, Emerson Process Management Southern Africa
Dr Hark-Ofu Asbhar, Degussa
Phil Armstrong, LAS
Olaf Der, Senior Industry Manager, Biofuel Competence Center, Karlsruhe, Germany
Victor Oduguwa, Head Design and Value Engineering: Network Group, MN Nigeria Communication Limited
Joseph Kau, Chief Economist, Agricultural Research Council
Duncan Mbonyana, Non Executive Chairman, Helius Energy
Dr Adrian Bowles, Technical Director, Helius Energy
Francesco Soranga, Biodiesel Group Project Manager, Desmet Ballestra
Henk Sa, Country Director, Ecosecurities

TO REGISTER CALL NOW!  t: (011) 771-7000  f: (011) 880-6789  w: www.africanbiofuels.co.za
Dear Executive,

South Africa, and indeed Africa, is on the verge of entering the biofuels market in a big way. The South African Department of Minerals and Energy has completed their strategy for the biofuels industry which is essentially a catalyst for the growth of this sector. Every sector of the industry is poised to take advantage of this cleaner, renewable energy.

The 2nd African Biofuels Conference is the leading forum for discussion amongst every sector involved in biofuels. The key feature of this important event will be the presentation by the DME on the South African Industrial Biofuels Strategy. This is surely a sign that African Biofuels is held in the highest regard by the industry and so the event promises to deliver maximum quality to you as a delegate.

The mission of African Biofuels is to bring to the market an annual meeting place where major decisions for the industry can be made. The Institute for International Research (IIR) is dedicated to making this event the industry’s event and this goal can be achieved with your support. IIR urges you to participate actively in all the sessions that you attend to ensure that the outcomes are relative to your needs.

With 6 themes, 43 sessions and 50 speakers over 4 intensive knowledge sharing days, African Biofuels is a must attend event for any organisation looking to tap into this lucrative revenue stream. The ability to choose from these varied sessions and tailor make your conference experience allows you to reap the best information from the industry’s top experts.

IIR would like to thank the people and organisations that have helped in ensuring that this event is of the highest quality. Brian Tail of Sasol, Ian Baxter of Engen and Fazel Moosa of ABSA have helped tremendously with advice on the content of the programme as have all the other speakers. The advice of these industry experts guarantees that the event has the most up-to-date and relevant information. Added to this, the support of our sponsors lends invaluable information and knowledge sharing to the event.

Secure your place at the continent’s largest biofuels conference. The knowledge and information that you will receive will be of tremendous benefit to the growth of your organisation in this booming industry.

Book now by calling +27 11 771 7114, emailing csteward@iir.co.za or by visiting the website: www.africanbiofuels.co.za. I look forward to seeing you at Vodaworld, Midrand, South Africa in March 2007.

Regards,

Craig Steward
Sector Divisional Manager
Institute for International Research

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Exhibitors:

- ImproChem
- Flottweg
- Biodiesel One
- Bosch Projects
- GEA Nilenca
- Anchor Bio-Technologies

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SKIP A STEP AND SAVE MONEY WITH BIODIESEL PRODUCTION.

With sodium and potassium methoxide solutions from Degussa Building Blocks you don’t need to dissolve your catalysts. That’s because they are ready to use for biodiesel production. The water-free process yields fewer impurities and creates high-purity glycerol. Direct metering from the storage tank provides safe and easy handling. Contact us for more details on how Degussa sodium and potassium methoxide catalysts can help you produce biodiesel cost effectively.

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VISIT US AT OUR BOOTH!
Day 1: 27 March 2007

Day 2: 28 March 2007

Day 3: 29 March 2007

Day 4: 30 March 2007

Programme at a glance

Day 1: 27 March 2007

07:00 Registration begins and opening

07:30 Chairman’s welcoming and opening remarks

08:30 The production of ethanol on the block at the blending site

08:45 The role of technology in the production of fuels

09:00 Mid-morning refreshments, networking sessions and exhibition.

10:05 SABS: Setting the standards for South African biofuels

11:10 SABS: Setting the standards for South African biofuels that will dictate the price of blended fuels

11:50 Lunch sponsored by Niedband, networking sessions and exhibition.

13:15 Panel discussion: Food vs. fuel - feed the right crops being used for surplus on a continent that has a major food shortfall?

14:20 The impact of biofuels on the vehicle manufacturers

15:50 Mid-afternoon refreshments, networking sessions and exhibition.

16:30 Case Study on the use of biofuels in the Southern Africa’s biofuels industry

17:15 Chairman’s closing remarks

Who should attend

- Fuels Product Manager
- Chief Executive Officer
- Managing Director
- General Manager
- Marketing Director
- Chief Strategist
- Process Engineer
- Director
- Sales and Marketing Division
- Technical Director
- Technical Manager
- Business Analyst
- Product Developer
- Operations Manager
- Financial Director
- Project Manager
- Head of Agronomy
- Procurement Specialist
- Plant Production Specialist
- Sustainable Business Manager
- Logisticians
- Supply Chain Specialist
- HSE Manager
- Energy Economist
- Chemical Engineer
- Refinery Manager
- Business Development Manager
- Fleet Manager

Day 2: 28 March 2007

07:00 Registration begins and opening

07:30 Chairman’s welcoming and opening remarks

08:30 The role of technology in the production of fuels

08:45 The impact of biofuels on the vehicle manufacturers

09:00 Mid-morning refreshments, networking and handling of exhibitors.

10:05 The value of automation in biofuels production facilities

10:45 Lunch, networking sessions and exhibition.

13:05 Supply chain logistics and transportation

13:50 Chairman’s closing remarks and conference close

Close of streams

15:00 Helius Energy Technology for converting biomass into power and energy

15:30 A case study on the use of biofuels in the Southern Africa’s biofuels industry

16:00 Mid-afternoon refreshments, networking sessions and exhibition.

16:30 Project Manager

17:15 Chairman’s closing remarks and conference close
The cost to consumer: what factors will determine the price of biofuels?

13:15 A look at the key components that will dictate the price of biofuel production and the issues of capital finance for clean energy projects
- Investing in the renewable energy sector with a specific focus on the biofuels sector
- Discussing the issues of feedstock supply dynamics and how they influence the price
- Ethanol pricing and the ethanol market - which factors are most critical to this energy source?
- By-product marketing - how do you make full use of your byproducts to contribute to maximum return?
- How location and market issues affect the success of a biofuels project
- The regulatory environment - what is the real influence of regulation?
- Performance measurement

13:50 The South African biofuels industry requires processes to be put in place to encourage growth - a look at the key drivers needed for the growth of the industry
- Regulation and legislation: a clear plan set out by the South African government that can give direction and focus to the industry
- Incentives: how can the role of incentives and subsidization encourage the market - a specific look at small scale producers
- Guarantees: how can the market as a whole guarantee the supply and demand for biofuels?

Andrew Makanete
President
Southern African Biofuels Association

15:30 Identifying the potential of a biomass surplus to power generation -
- Electric generation through biomass
- A background into Helius Energy
- Discussing the solutions that biomass will provide to the South African energy mix

Barrie Barnard
Managing Director: Corporate Division
Eskom

16:15 The role and responsibility of the fuel producer and vehicle manufacturer - identifying the strategies needed to ensure security of supply as demand increases
- How will the supply of biofuels be guaranteed for the refineries and the end user?
- What sustainability support will be provided for by the government?
- How can the government local production to ensure constant supply?
- What are the implications of using ethanol for other than a fuel additive

Anton Maldon
SAPTA

17:15 Chairman’s closing remarks
18:00 Cocktail party sponsored by Investec

Investec

Conference Day 2: 28 March 2007

07:00 Registration begins and opening of exhibition

Stream A: The production of ethanol and biodiesel

08:30 Chairman’s welcoming and opening remarks

Justin Vernooy
Chief Executive Officer
Venus

An in-depth look at the potential of the sugar cane industry as has an ethanol producer

13:15 Food vs. fuel - are the right crops being used for supply on a continent that has issues of food shortage?
- Discussing the options for the market
- Food security vs. sustaining supply for the biofuels industry
- Making use of dual crops to ensure food security and supply of sugar
- How will the price of food vs. fuel affect the demand and supply needed for the industry?

Paul Radzich
Vice President
Greenfuel Technologies Corp., USA

Justin Vernooy
Chief Executive Officer
Venus

Dr Ferdinand Mayer
Head: Food and Agricultural Policy
University of Pretoria

Senior Representative
Department of Agriculture

Peppy Heady
Group Executive
D1 Oil Africa

The sugar industry has great potential in the biofuels industry - highlighting the opportunities and challenges present in the sugar industry
- How the sugar industry can ensure security of supply of to the market
- What are the best varieties of sugar that can be used in the production of ethanol
- Will the Sugar Act need to change to incorporate the dual use of this crop?
- What is the energy yield of sugar cane in terms of its caloritic value vs. its fuel energy value?
- What are the cost implications of using sugar cane for fuel?

Speaker to be confirmed
Tongtong Hulett

09:20 Advantages of the Cannenmann Chemical (CC) process for biodiesel production
- The pre-treatment of crude oil for deacclaring and decalorization
- CCD process: transesterification of biogenic oils and esters
- A look at reference plants

Noel Gass
Marketing Manager
UIDE

Barbara Hare
Product Manager: Biodiesel
GEA Westfalia Separator SA

New biodiesel technology: moving to the future for the production of high quality biodiesel

14:20 D1 Oils: The production of biodiesel from a variety of feedstocks
- Discussing the use of Jatropha Curcas as a feedstock
- A look at the process in Sweiding and Zambia
- The D1 biodiesel refinery
- The use of sustainable oils in making CDM projects and rural development

Penny Heady
Group Executive
D1 Oil Africa

15:45 Afternoon refreshments, networking sessions and exhibition

"A well organised conference. Lectures where short and concise."

AA Khan, Willamton Oil & Cake Mills - African Biofuels 2006
Land tenure and redistribution: making use of arable land through community partnerships

Lindiwe Dlamini, Ministry of Natural Resources & Environment

10:35

Taking the growth of biofuel feedstock to the majority of South Africans through land tenure and redistribution - what mechanisms need to be put in place?

o Does the government have the right strategies in place to develop the rural market to become producers with a specific purpose?

o Looking at the infrastructure that needs to be put into place to ensure the growth of this sector do the water and irrigation systems need to be financed?

Achieving compliance between engines and biofuels

08:45

A change in fuel characteristics means a change to engine specifications - will engines used in South Africa be compatible?

o Examining the requirements of Euro 3 and Euro 4 specifications for engines and then to begin to blend?

o Will there be a change needed to materials used in engines?

• Focusing on filter mediums, plugs and seals

• Are newer more efficient engines compatible to biofuels or does the mapping need to be radically changed?

o What costs can be expected for the research and development of engines to track the developments in biofuels?

Dr John Bennett
Manager: Fuels and Lubricants
Ford Motor Company UK

What impact do biofuel blends have on an engine?

09:30

Identifying the longterm effects of biofuel use on a vehicle engine - what have the findings shown?

o At what biooil dose does the fuel start having an effect on the workings of the engine?

o Ethanol and biodiesel - what affects does each biofuel have on the engine?

o How can engines be designed to work with biofuel?

o What changes will be noticed in engine performance and economy when using biofuels?

At von Wietzsch
Researcher: Diesel
Department of Mechanical Engineering
University of Pretoria

Entering the biodiesel market using algae as a feedstock

15:10

D1 Oils: developing rural communities through the growth of Jatropha

16:00

Stepping away from outdated biodiesel technology and into modern, more sustainable methods of refining - discussing the advantages

o How the new technology can produce 30% more biodiesel in the refining process

o Why the new chemical technology process is safer and more sustainable than existing methods

o Reducing methane content - understanding how this is beneficial to the planet

o A moral obligation to change the technology used by South African producers as the country moves toward a major biodiesel industry

Ivan Brozen Mining and Peace Consultant
AngloGold Ashanti

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Ivan Brozen Mining and Peace Consultant
AngloGold Ashanti

The experiences of running a production diesel car on used vegetable oil

10:40

The experiences of using home made biodiesel in a Clowen C3 over an extended period - the benefits and the challenges

o Understanding the barriers to entry for a small producer - are they prohibitive or is there ease of access to inputs and expertise?

o What have been the noticeable changes to both power output and economy when using Biodiesel as fuel?

o Examining the costs involved and the final cost per litre for this home made project

o What technologies are needed to produce biodiesel on a large scale and how difficult is it to scale up?

o Challenges of quality control and testing when producing biodiesel from home

o Small scale producer design, what options are available to the small producer?

Paul Mahler
Researcher: Fuels and Lubricants
NanCELL Biodiesel

Lubricity: will biodiesel show enough of this important characteristic?

11:15

The reduction of sulphur in diesel reduces its lubricity but at what level can biodiesel replace this lubricity and further reduce particulate emissions?

o Has the lubricity of biodiesel been proven at a level of 10 ppm or 15 ppm?

o Discussing the differences in lubricity between mineral diesel and biodiesel in terms of short term durability

o Is it beneficial and will it be practical for South Africa and is it possible for current cane/ethanol from Brag to sustain the industry?

Dr Adrian Wyma
Deputy Director, Industrial Affairs
SA Canegrowers Association

15:20

Mid-afternoon refreshments, networking sessions and exhibition

Subsidising biofuels in accordance with the WTO agreements

15:50

The debate on a subsidy for South Africa’s biofuels in the context of WTO multilateral agreements

o WTO laws - how should biofuels be classified in the WTO as agricultural, industrial or environmental good?

o Exploring to what extent the mooted subsidisation of South African biofuels be considered from the WTO perspective looking at minimum import duties, regulations, and the likelihood of subsidies

o What is the likelihood of South African countries benefiting from the South African biofuels industry?

Toka Fundolu
Researcher
Tolaco

16:35

Chairman’s closing remarks

Conference Day 3: 29 March 2007

07:00

Registration begins and opening of exhibition

Stream C: The impact of biofuels on the vehicle manufactures

08:30

Chairman’s welcoming and opening remarks

At von Wietzsch
Researcher: Diesel
Department of Mechanical Engineering
University of Pretoria

08:45

The role of automation in improving the business case for the facility

Managing product integrity from gate to retail outlet

07:45

The automation of biofuels production facilities

The organisation of speakers from a variety of departments to tackle biofuels was excellent!”
Lindlewillemant, Ministry of Natural Resources & Energy, South Africa - African Biofuels 2006

Social responsibility: creating jobs and developing rural areas

Land tenure and redistribution: making use of arable land through community partnerships

10:35

Taking the growth of biofuel feedstock to the majority of South Africans through land tenure and redistribution - what mechanisms need to be put in place?

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Manager: Fuels and Lubricants
Ford Motor Company UK

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Toka Fundolu
Researcher
Tolaco

16:35

Chairman’s closing remarks

Conference Day 3: 29 March 2007

07:00

Registration begins and opening of exhibition

Stream C: The impact of biofuels on the vehicle manufactures

08:30

Chairman’s welcoming and opening remarks

At von Wietzsch
Researcher: Diesel
Department of Mechanical Engineering
University of Pretoria

08:45

The role of automation in improving the business case for the facility

Managing product integrity from gate to retail outlet

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o Looking at the infrastructure that needs to be put into place to ensure the growth of this sector do the water and irrigation systems need to be financed?
The best methods for overcoming the challenges of blending biofuels
09:20 Blending of biofuels will present a host of challenges to a refiner - what methods can be employed to ensure safe and efficient blending?
09:30 What is the best method for blending biofuels into the South African fuel pool?
09:45 What challenges are experienced with splash blending?
10:00 What changes need to be made to blending processes to accommodate biofuels?
10:15 What are the pros and cons of diesel level blending from a cost perspective?

Ian Baxter
Refinery Strategic Planner
Engen
09:35 Mid-morning refreshments, networking sessions and exhibition
10:25 Organic fuels exhibit a shorter shelf life than crude based fuel - identifying the challenges and creating solutions for preventing organic breakdown of biofuel across the supply chain to control quality
09:30 What are the major challenges to the storage of blended fuels?
10:45 How can these challenges be overcome or controlled?
11:00 How can product integrity be ensured for the shelf life of biofuels?

problems and solutions for the storage of blended fuels
13:30 Supply chain logistics and water management for an ethanol blend: assessing quality control through the supply chain
09:45 How can degradation of a blended fuel be prevented along the supply chain?
10:00 Where does the blend need to be certified? What challenges does blending a debut level present for certification of the fuel?
10:15 What materials used in the supply chain need to be changed or modified to handle blended fuel?
10:30 How can the hygroscopic nature of ethanol be managed from refinery to pump?
10:45 How can leaking be prevented?
11:00 Dow van der Marwe
Sasol
Tip to be announced
Phil Armstrong
LAS
14:15 Extracting carbon value from a biofuels project
09:50 The concept of CDM in Africa
10:05 What are the implications for a Biofuel producer?
10:20 How to Capture the Carbon Value of a Biofuel project

Henk Sa
Country Director
Ecosecurities
14:30 Mid-afternoon refreshments, networking and exhibition
15:00 The fundamentals of biofuels
09:55 Vertical integration and the economics of biofuels
10:10 What are the major challenges of biofuels?
10:25 How can these challenges be overcome or controlled?
10:40 How can product integrity be ensured for the shelf life of biofuels?

About your workshop leader:
Dr John Bennett, Manager, Fuels and Lubricants, Ford Motor Company UK
As South Africa moves into an era of biofuel blended fuels, there will be a multitude of changes to both the fuel production and vehicle manufacturing industries.

This workshop is designed to be a discussion forum where these changes can be explored and solutions can be created. Dr Bennett will work through the developments needed in engine technology to support the introduction of biofuels into the fuel market. The UK has one of the largest fleets of flex-fuel vehicles in the world and so his, and Ford Motor Company’s, knowledge and experience on the impact of biofuel blends on engines will be of great value to you the delegate.

In this session, where open discussion will be encouraged, Dr Bennett will cover critical issues that pertain to the South African market. These will include:
- The fundamentals of biofuels
- Regulatory and market drivers and enables for the industry
- The various types of biofuels and production methods
- The use of biofuels within the fuels market (extenders vs. high blend)
- An overview of the global biofuels market
- Biofuels for spark ignition engines
- Biofuels for compression ignition engines
- Vehicle engineering considerations
- The materials to be used
- Application optimization
- Vehicle regulatory considerations
- Emissions impacts
- Future developments in biofuel production
- Future developments in vehicle applications of biofuels

If these points directly affect your business then this workshop is a must-attend. Having the opportunity to increase your knowledge through work with an international expert will aid you in developing the most effective strategy for your business to take advantage of biofuels.

Showcasing and Sponsorship Opportunities:
Create market awareness of your company’s involvement as industry leaders by using unparalleled branding and relationship marketing in the business to business environment that this event offers.
Capitalise on a captive audience by building relationships with existing customers as well as accessing brand new clients through innovative branding at the event.
For further information call Jason Chadwick on +27 11 771 7135 or email jchadwick@iir.co.za

Alternative uses for biofuels
15:00 Helius Energy - technology for converting biomass into power and energy
09:00 Discussing the technical work done in biomass
15:15 Exploring the building of power station plants
15:30 The sites at which Helius Energy technology is at work
Dr Adrian Bowles
Technical Director
Helius Energy
15:45 Biofuels: how automation and drive technologies affect the life cycle plant costs
09:05 A background into Siemens technology used in the biofuels industry
15:50 Technology for seamless integration and control of process equipment
Norbert Palauschek
Technical Director
Boehrnhds and bioxel case studies
16:00 Olaf Oer
Senior Industry Manager
Biokul Competence Center, Karlsruhe, Germany
16:15 Southern Africa
16:30 MTN Nigeria - using biofuels to reduce operating costs, extend network footprint and stimulate the economy of a developing country by providing access to telecommunications
09:00 Establishing biofuels as an alternative source of power for wireless networks - the need and the partnerships
16:45 Using biodiesel in rural areas that are out of reach of the electricity grid
17:00 The benefits of biodiesel in reducing operating costs - exploring how this cleaner burning fuel can reduce site visits and extend the life of a base station
17:15 How biodiesel powered base stations can increase and stimulate economic development by providing communication in rural areas
Victor Odogwuba
Head Design and Value Engineering: Network Group
MTN Nigeria Communication Limited
17:20 Chairman’s closing remarks and close of conference

Full Day Workshop Day 4: 30 March 2007
Analysing the impact of blended fuels on engine technology and development - deriving solutions from an experienced market: Biofuels for vehicle applications

Dr John Bennett, Manager, Fuels and Lubricants, Ford Motor Company UK
Absa has a team of agricultural economists, banking specialists and supporting clients to determine their financial needs. By focusing on the agricultural sector, the bank has a greater understanding of the unique demands and opportunities in this sector. Absa has been active in the agricultural sector for over 300 years, having established its head office in Johannesburg. This centre has specialist expertise in agricultural risk evaluation and management, support services and training, and agricultural risk evaluation and management. The dedicated centre has a select value solution, with over 300 years' experience in the agricultural sector. This knowledge is used not only by Absa's clients but also by its global presence.

Siemens plays such a significant role in the industry is our ability to provide leading-edge technologies. With a comprehensive range of products and services, Siemens is a trusted partner for the biofuels industry in the field of automation, motors and power systems.

Gold Sponsor:

**Udhe**

- **Udhe** - A Division of ThysenKrupp Engineering and Construction
- **Project Construction**
- **Project Management**
- **Project Management**

Udhe has extensive experience in the agricultural sector, having completed a wide range of projects. They have the capability to deliver complex projects worldwide, with a focus on sustainable solutions.

Silver Sponsor:

**Helius Energy**

- **Helius Energy** is an energy company that focuses on renewable energy projects with a focus on bioenergy and renewable electricity.
- **Company Mission**

Helius Energy has a strong track record in the agricultural sector, with successful projects in countries such as South Africa and Africa. The company has a strong presence in the renewable energy sector, with a focus on bioenergy and renewable electricity.

Commodity Sponsor:

**Louis Dreyfus**

- **Louis Dreyfus** is a leading commodity company that operates worldwide in the fields of processing, sugar refining, and ethanol production facilities. The company is a market leader in Southern Africa, with a focus on the production of cane sugar, olives, and other specialties.

The Louis Dreyfus Group has a strong presence in the biofuels industry, with a focus on processing and refining. The company is committed to sustainability and has a strong track record in the agricultural sector.

Association Sponsor:

**Projet**

- **Projet** is a leading engineering company that specializes in renewable energy projects. The company has a strong focus on bioenergy and renewable electricity, with projects in Africa, South America, and Asia.

Projet provides comprehensive support in the biofuels industry, with a focus on sustainable solutions and renewable energy projects.
The Southern African Biofuels Association (SABA), a non-profit organization, has been advocating for the establishment of a viable biofuels industry in Southern Africa. SABA promotes the sustainable production and utilization of biofuels in Southern Africa. Biofuels are defined as renewable fuels (e.g., bioethanol, biodiesel, biogas) generally produced from agricultural and forestry products. SABA works closely with agriculture and forestry organizations in other southern African countries to develop bioenergy production systems in the region. SABA's magazine, FOCUS on Road Transport Logistics, is published by Charmont Media and enjoys a broad readership among road transport professionals and businesses in the industry. FOCUS on Road Transport Logistics provides advertisers with an unparalleled vehicle through which to communicate with decision makers in this key sector.

Media Partner:
FOCUS on Road Transport Logistics magazine is published by Charmont Media and enjoys a circulation of 6,000. It is distributed to a number of prominent associates within the transport and logistics industries. As a professional magazine, FOCUS on Road Transport Logistics is the only magazine of its kind in the road transport industry. It is committed to keeping all sectors of the transport and logistics industries up to date with the latest developments affecting the road transport industry and its suppliers in South Africa and the Southern African region. The magazine keeps all sectors of the transport and logistics industry informed.

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Endorser:
The Global Petroleum Club is an online community for energy professionals. The GPC is a place where members can meet, make meaningful contacts, uncover new opportunities and make deals. The GPC offers daily news of petroleum resources and reports. Members can also find out about training, conferences and publications. It is the fastest growing online community for energy professionals and a must for those active in the oil, gas and energy marketplace.

Media Partner:
Petroleum Africa magazine is the world's leading monthly magazine dedicated to providing in-depth upstream and downstream coverage of key issues in the fast-paced oil and gas industries of Africa, the last great exploration frontier. Its comprehensive coverage and analysis of current activities provides you with the latest news, an African country focus, exclusive interviews, technology updates, market analysis and essential political reviews from the world's top energy players. And for daily news from the continent, you can receive our newsletter on the latest information as it happens and much more.

Media Partner:
MBendi Information Services runs Africa's leading business and travel website at mbendin.com. The MBendi website is also one of the world's leading mining, energy and international trade websites, with Africa at its core. The site went live in October 1995 and is one of Africa's oldest and best-known websites. The MBendi website contains extensive reference information on African and industry sectors, particularly oil and gas, electrical power, chemicals, mining and agriculture, further supplemented by searchable directories of companies, organisations, personalities, projects, facilities, accommodation, attractions, restaurants, places, exchanges, events and publications. The information on the MBendi website is updated daily and is available online.

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The mission of 25th in Africa magazine is to disseminate information on any and all commercial, business and development issues, with an emphasis on developments in Africa and the impact on the environment. The focus of the publication is on educating, not just providing a forum for information, but carries related information to provide a broad, unbiased and independent view of all the pertinent issues. In this manner, 25th in Africa is much more than a journal of record and contains reports on important trends and developments in their environmental sector, including biomas, biofuels, wind and solar energy, hydropower, solar thermal, and energy crops. 25th in Africa offers a unique viewpoint, such as asolf, coal, gas and nuclear energy, together with articles on energy policy, technology, company development and much more. In addition, it presents information related to environmental impacts, global warming and climate change. Both in terms of research, development and manufacture of technologies and funding of companies, organisations, personalities, projects and investment opportunities in Africa for foreign and local investors. We will also carry a directory of CDM projects and investment opportunities in Africa for foreign and local investors.

Media Partner:
The MBendi website is widely used by the global community of industry professionals. World-class editors provide managers and business professionals to find opportunities, business and finance partners and reference information. MBendi also provides an unparalleled vehicle to communicate with its readers.

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Gulf Oil and Gas is a leading portal for high-quality information on Africa and the Middle East oil, gas and hydrocarbon industry. Gulf Oil and Gas attracts tens of thousands of professional regular visitors each day. Visitors are offered a prime source of high-quality information on the entire oil and gas industry. Gulf Oil and Gas also provides an unparalleled vehicle to communicate with its readers. Gulf Oil and Gas also provides an unparalleled vehicle to communicate with its readers.