

18th Event in Global Biofuels Series

Biofuels & Jatropha

MARKETS ASIA



For more information, please see registration page

Evolving to the next generation

June 29–July 1, 2009, Millennium Hotel • Jakarta, Indonesia

Learn from 40+ international biofuels & jatropha leaders including:

Keynote address from:

- ▶ **Masnellyarti Hilman**, Deputy Minister, **Ministry of Environment**, Indonesia
- ▶ **Thilo Zelt**, Director, **Jatropha Sustainable Biofuels Alliance**, Germany
- ▶ **Kolluru Krishan**, Chairman, **Malavalli Power Plant**, India
- ▶ **Dr. Ing. Evita H. Legowo**, Director General of Oil & Gas, **Ministry of Energy and Mineral Resources**, Indonesia
- ▶ **Khoo Hock Aun**, Chief Executive Officer, **Ark Bio / Cosmo Biofuels Group**, Malaysia
- ▶ **Yash Mankame**, Vice President, **Praj Industries**, Thailand
- ▶ **Nicholas C Ashby**, Chief Executive Officer, **Celadon Capital**, Malaysia
- ▶ **Bambang Tribudiman**, Chairman, National Biofuel Standard Agency, **LSPRO Biofuel**, Indonesia
- ▶ **Amit Y. Ghaisas**, Executive Director, **Mint Biofuels**, India
- ▶ **Naren Raju**, Chief Executive Officer, **BioEnergy Plantations**, Singapore
- ▶ **Hilmi Panigoro**, Chairman, **Indonesian Renewable Energy Society (METI)** & President Commissioner, **MedcoEnergi International**, Indonesia
- ▶ **Dr. Shoichi Kobayashi**, President & Executive Director, **Japan Bio-Energy Development Corporation (JBEDC)**, Japan
- ▶ **Jakob Rietzler**, Managing Director, **Lao Institute for Renewable Energy (LIRE)**, Laos
- ▶ **Jamey Hadden**, Managing Director, **Jatoil/Green Energy**, Australia
- ▶ **Ulrich Steiner**, Director, Biomass Conversion, **Bayer Technology Services**, Germany



Register today and:

- ✔ Benefit from first class **networking opportunities: 7000** past attendees at the global biofuels markets series
- ✔ Hear, meet and cross examine **experts from 12 countries**
- ✔ Access insights on **regulatory developments** in the Asian biofuels sector
- ✔ Identify the challenges & opportunities in **biofuels investment, production & refining**
- ✔ Learn from successful case studies and **best practices in ethanol, biodiesel and jatropha**
- ✔ Hear about the cutting edge developments in **next generation feedstocks**
- ✔ Discover the potential of **Jatropha** as a new feedstock and its supply & pricing
- ✔ Understand demand & **pricing trends** in international biofuels markets
- ✔ Come together with **leading government** and **industry players** to help shape the future of the industry

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The Asian biofuels industry has had a difficult year with falling crude oil prices and volatile palm oil prices making production costs uncompetitive. During these uncertain times, it is critical for biofuels producers, governments, oil majors, traders, investors and solution providers to convene and devise strategies to ensure the future of industry development.

Following highly successful editions in Bangkok, Singapore and New Delhi, the **4th annual Biofuels Markets & Jatropa Asia** will take place in Jakarta. Over **40 leading biofuels and jatropa thought leaders** will provide expert insight into the latest developments in ethanol, biodiesel, jatropa and next generation feedstocks.

Biofuels Markets & Jatropa Asia is the key regional event to attend in 2009. You will have the opportunity to:

- ✔ Question market experts from **Indonesia, Laos, Malaysia, Singapore, Japan, China, India, Thailand, Australia, Germany & Italy**
- ✔ Benefit from **excellent networking opportunities**, meet new clients, partners and generate business leads – **500+ attendees** have attended past editions of Biofuels Markets Asia
- ✔ Find out what **policies** regional governments are implementing **to support market growth** and future industry development
- ✔ Hear **best practice ethanol and biodiesel production case studies** from Indonesia, Thailand, Malaysia, China
- ✔ Be updated on **advances in production, optimization and blending** technologies
- ✔ Understand the latest developments in creating cost competitive, commercially viable **cellulosic ethanol**
- ✔ Examine the latest developments in **next generation feedstocks**, including **algae & waste**
- ✔ Plus, learn about the tremendous opportunities for **jatropa as a next generation feedstock** in a special one day briefing. Leading jatropa experts will share real life experiences in production, R&D, cultivation, investment, refining and downstream logistics

Past editions have sold out, so early booking is recommended.

Brought to you by the producers of **World Biofuels Markets** and leading regional biofuels industry networking events.



Day 1: June 29 Plenary Market Overview Ethanol Fuels

- Market Overview
- Policy Frameworks
- Ethanol Production
- Cellulosic Ethanol

Day 2: June 30 Biodiesel

- Biodiesel Policy
- Biodiesel Production
- Algae
- Next Generation Feedstock

Day 3: July 1 Jatropa Executive Briefing

- Market Potential
- Cultivation
- Investment
- Production & Refining

Companies that have participated in our Global Biofuels Series include:

Shell • BP • Toyota • ExxonMobil • Cargill • ADM • Bunge • Monsanto • Novozymes • McKinsey • GE Energy • Petrobras • Desmet Ballestra • Evonik • Poet • Honda • Renault • Ford • Volvo • DaimlerChrysler • Chevron • Total • ConocoPhillips • Agip • OK Q8 • D1 Oils • E.On • Enel • RWE • nPower • Veolia • Iberdrola • Electrabel • EHN • Neste Oil • Statoil • Hydro • Ed&F Man • Bioverda • Virgin Fuels • Rabobank • Goldman Sachs • Morgan Stanley • BNP Paribas • Barclays Bank • Credit Suisse • ABN AMRO • Investec • Fortis • Bank of Scotland • ING • LloydsTSB • Macquarie • Standard Bank • Dexia • Fortum • Noble Group • Abengoa • Iogen • Royal Nedalco • Samsung • Mitsubishi • Caterpillar • Bosch • MAN • Ferrostaal • Wartsila • Alfa Laval • Dow • Syngenta • Akzonobel • DuPont • Tata Chemicals • Solvay • Acciona • BDI • 3i • PWC • Accenture • British Sugar • Tate & Lyle • Kraft Foods • Unilever • Genencor ADM World • AES • Ashok Leyland • Australian Biodiesel Group • Australian Farmers Fuel • Axens • Baring • BASF • BioDiesel Society of India • Brazil Japan Ethanol • Cargill, Carotino • Caterpillar • CIIF Oil Mills Group • Cleancities Biodiesel • CMS Resources • Cobra Biodiesel • Credit Suisse • Czarnikow • D1 Oils • Danisco • Deutsche Biodiesel • Degussa • Desmet Ballestra • EcoOils • Esso • Golden Hope • GreenBiofuels • Greenery • Hatakeyama Oil Coporation • Hydrochem • Indian Bank • Indian Oil Corporation • JBC • Joint Asian Derivatives Exchange • Koratec Ethanol Co • Kuwait Petroleum • Man Financial • Mawana Sugars • Mazoil • McKinsey • Natural Energy • Natural Fuel • Natural Bioenergy • Noble Grain • Pacific Biodiesel • Petroalgae • Philippine National Oil Company • Philippine Sugar Millers Association • Poet • Pt. Bakrie Sumatera Plantations • PureVision, Rabobank • Reliance Industries • Sime Plantations • Singapore Petroleum Co • Summit Petro Chemical • Thai Oleochemicals • Thai Vegetable Oils • Tuas Power, United Biofuels • Van Der Horst Biodiesel • Vance Bioenergy

Who Will You Meet?

- The conference will bring together over 120 decision-makers from the Biofuels industry and the financial community with an unrivalled combination of feedstock producers, project developers, refining & manufacturers, and financiers. You will have chance to network with:
- ▶ Government Representatives
 - ▶ Biofuels Producers
 - ▶ Project Developers & Consultants
 - ▶ Environmental Engineers
 - ▶ Equipment & Technology Solution Providers
 - ▶ Chemical & Agricultural Suppliers
 - ▶ Banks, Investors & Insurance Companies
 - ▶ Universities, Research Houses & Non Profit Organizations
 - ▶ Oil, Petroleum & Refining Companies
 - ▶ Feedstock Producers
 - ▶ Automotive & Transport Companies
 - ▶ Commodity Traders & Brokers
 - ▶ Associations & Press Representatives

Enhanced Delegate Networking

One of the fantastic new features of **Biofuels & Jatropa Markets Asia** is the online networking system – all pre-registered delegates, speakers and guests can contact each other, organise meetings and network before, during and after the event using this easy to use, private networking system. For more information, please visit the website.

I thought your conference was an enormous success. It has also helped my business enormously. You have made a genuine difference to my business. FUELSTOCK

08.30 Registration & welcome coffee

09.00 Chair's opening remarks

Keynote Session Overview of Asian Markets & Policy Framework

The Asian biofuels industry is facing big challenges due to falling oil prices, environmental concerns surrounding palm oil and the food versus fuel controversy. This opening session brings together market experts to assess the current status of the market and solutions for future industry growth, looking at policy, new feedstock options and the path towards a sustainable bio future.

09.10 **Keynote Address: Policy Framework & Incentives for Biofuels in Indonesia**
Masnellyarti Hilman, Deputy Minister, Ministry of Environment, Indonesia

09.35 The Growing Share of Biofuels in the Energy Supply Chain

Lucky Nurafiatin, Research Manager, Asia & Middle East, Hart Energy Consulting, Singapore

10.00 Feedstock Market Developments & Trends

Chris de Lavigne, Vice President, Frost & Sullivan, Singapore

10.25 Interactive discussion with speakers

10.40 Networking refreshment break

11.10 CDM & Biofuels Development

Werner Betzenbichler, Senior Vice President Climate Change, Sindicatum Carbon Capital, Germany

11.35 Opportunities and Challenges in Asian Markets

- ▶ Factors and challenges impacting the biofuels industry
 - ▶ Key developments in the biofuels sector and the potential for Southeast Asia
 - ▶ Creating a sustainable future industry
- Connie Lo**, Senior Consultant, Nexant Asia, Malaysia

12.00 Trends of the New Biofuel Sector

▶ The global platform for jatropha sustainability
Giovanni Venturini Del Greco, Chairman, Jatrophabook, Italy

12.25 Interactive discussion with speakers

12.40 Networking lunch break

Ethanol Fuels

This session will analyze the latest developments in ethanol across the region, addressing the challenges that the industry faces in ensuring that production is sustainable and examining the latest technologies to cut GHG emissions during production.

14.00 Sustainable Feedstock Options for Ethanol Production

Kolluru Krishan, Chairman, Malavalli Power Plant, India

14.25 Reducing Greenhouse Gas Emissions in Ethanol Production

- ▶ Issues for sustainable biofuels
- ▶ Improving the greenhouse gas balance
- ▶ Reduction of energy demand in conversion

Katharina Harlander, Marketing Manager, Vogelbusch, Austria

14.50 Case Study: Lessons Learned in the Development of Ethanol in Indonesia

Yani Witjaksono, Country Manager, Satria Bronzeoak, Indonesia*

15.15 Case Study: State of the Art Ethanol Production in Thailand

Yash Mankame, Vice President, Praj Industries, Thailand

15.40 Interactive discussion with speakers

16.00 Networking refreshment break

Cellulosic Ethanol

This interactive session will investigate the latest developments in creating cost competitive cellulosic ethanol. Speakers will address the latest market trends and discuss which technologies are attractive to investors and have the greatest commercial potential.

16.30 Lignocellulosic Ethanol in China is Closer than You Think

- ▶ Development of bioethanol in China
- ▶ Cellulosic ethanol and its progress in China
- ▶ Cellulosic ethanol projects case studies with COFCO & Sinopec

Carsten Lauridsen, R&D Director, Novozymes, China

16.55 Giant King Grass as an Energy Crop in Asia for Cellulosic Biofuels

Dr. Carl Kukkonen, Chief Executive Officer, VIASPACE, USA

17.20 Panel Discussion – The Potential of Cellulosic Ethanol

- ▶ Creating cost competitive cellulosic ethanol
- ▶ Investing in cellulosic ethanol in Asia
- ▶ Which technologies are likely to achieve commercialisation?

Moderator:

Nicholas C Ashby, Chief Executive Officer, Celadon Capital, Malaysia

Panellists:

Carsten Lauridsen, R&D Director, Novozymes, China

Dr. Carl Kukkonen, Chief Executive Officer, VIASPACE, USA

Mukesh Arora, Chief Executive Officer, Green Energy Solutions, Indonesia

17.45 Close of day one & networking drinks

*awaiting final confirmation

08.30 Registration & welcome coffee

09.00 Chair's opening remarks

Biofuels Promotion & Incentives

Future market growth is dependent on the adoption of new policy frameworks that will encourage investment. This session will provide a comprehensive review of the latest developments in policy and support mechanisms, including mandatory blending and tax incentives.

09.10 **Biofuels Development Support Mechanisms in Asia**

Dr. Ing. Evita H. Legowo, *Director General of Oil & Gas, Ministry of Energy and Mineral Resources*, Indonesia

09.30 **The National Standard of Biodiesel in Indonesia and Preparation of the SNI Mandatory**

Bambang Tribudiman, *Chairman, National Biofuel Standard Agency, LSPRO Biofuel*, Indonesia

10.00 **Indonesia Renewable Energy Development Review and Focus on Biofuels**

Hilmi Panigoro, *Chairman, Indonesian Renewable Energy Society (METI) & President Commissioner, MedcoEnergi International*, Indonesia

10.25 Interactive discussion with speakers

10.40 Networking refreshment break

Biodiesel

This session will focus on best practice case studies for biofuels production, examining case study experiences from Malaysia, China, Germany and India. Latest advances in technologies for production, optimization and blending will be examined.

11.10 **Lessons Learned in Biodiesel Developments in Malaysia**

Khoo Hock Aun, *Chief Executive Officer, Ark Bio / Cosmo Biofuels Group*, Malaysia

11.35 **Successfully Integrated Biofuels Production in India**

Bhaskar Chalasani, *Managing Director and Chief Executive Officer, Naturol Bioenergy*, India

12.00 Interactive discussion with speakers

12.15 Networking lunch break

13.30 **Production, Refining and Down Stream Logistics of Biodiesel Industry in India**

Nanubala Satish Kumar, *Managing Director, Southern Online Technologies*, India

13.55 **Cutting Edge Biofuels Production Technology R&D Developments**

Dr. Ulrich Steiner, *Director, Engineering – Biomass Conversion, Bayer Technology Services*, Germany

14.20 **Challenges in Blending Biofuels into Conventional Fuel**

Amit Y. Ghaisas, *Executive Director, Mint Biofuels*, India

14.45 Interactive discussion with speakers

15.00 Networking refreshment break

Algae & Next Generation Feedstocks

This session will examine the latest developments in next generation feedstocks, looking at which sources are emerging as sustainable, viable, low cost options. What promise does algae hold as a commercial feedstock option? What is the latest progress in generating biofuels from waste?

15.30 **Challenges for Biofuels Sustainability & Next Generation Technology**

Dr. Selvasothi Selvaratnam, *Senior Officer, Industrial Programme Development, Institute of Chemical & Engineering Sciences*, Singapore

15.55 **Next Generation Feedstock Developments and Market Mechanisms**

Mukesh Arora, *Chief Executive Officer, Green Energy Solutions*, Indonesia

16.20 **Cellana's approach of Commercializing Algae Biofuels**

Leon Halliburton, *Biofuels Business Development Manager, Shell*, Australia

16.45 **Increasing Plant Throughput and Reducing Water for Biofuels Production**

Vijay Singh, *Associate Professor, University of Illinois*, USA

17.10 Interactive discussion with speakers

17.30 Close of day two

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08.30 Registration & welcome coffee

09.00 **Chair's Keynote Opening:
Jatropha Industry Overview & Global Trends**
Thilo Zelt, *Director, Jatropha Sustainable Biofuels Alliance*,
Germany

Jatropha Market Potential

Jatropha has the potential to become a major feedstock for biofuels production and as it can be grown on land unsuitable for food crops, it solves the food versus fuel debate. This interactive briefing will examine the opportunities for achieving commercial success of jatropha production. What are the production costs and environmental impacts? What are the oil characteristics? What is the latest status of research and development?

09.20 **Jatropha Biodiesel Developments in Indonesia**
Bambang Prastowo, *Director, Indonesian Center for Estate Crops Research and Development (ICERD), Ministry of Agriculture*, Indonesia

09.40 **Valorisation of Jatropha using the Biorefinery Concept**
Dr. Robert Manurung, *Associate Professor, Institut Teknologi Bandung*, Indonesia

10.00 Interactive discussion with speakers

10.10 Networking refreshment break

Plantation & Jatropha Cultivation

This session will draw upon real case study experiences across the region to analyze how developers can improve productivity yields, land management and the commercial viability of jatropha cultivation.

10.40 **Case Study Vietnam – Contractual Model of Jatropha Cultivation**
Jamey Hadden, *Managing Director, Jatoil/Green Energy*, Australia

11.00 **Case Study India: Managing Large Scale Jatropha Plantation**
▶ 17 year old jatropha plantation of 8,000 ha
▶ Successful experiences and challenges
▶ Proposed actions
▶ Next steps and future prospects
Dilip Gokhale, *Global Head, Biofuels Development, Syngenta*, India

11.20 **Case Study Indonesia: Understanding Community Based Jatropha Projects**
Tobias C Garritt, *Chief Executive Officer, Eco-Emerald*, Indonesia

11.40 Interactive discussion with speakers

12.00 Networking lunch break

Investment in Jatropha

Whilst jatropha has drawn a lot of attention in the past few years, some new projects have failed because investors underestimated the associated risks. This session will look at best practice strategies for jatropha investment, how to avoid pitfalls and how to ensure socially responsible investment to obtain support from local authorities.

13.30 **CDM Support for Jatropha**
Paul Butarbutar, *Project Manager, South Pole Carbon Asset Management*, Indonesia

13.50 **Investing in Jatropha – A Private Equity Perspective**
Francisco Hoyos, *Vice Chairman, FE Clean Energy*, USA

14.10 **Innovative & Integrated Stakeholders Approach – Ensuring Maximum Benefits for All Stakeholders in Jatropha Cultivation**
Jaya Kumar Bhavanasi, *Technical Director, Nandan Biomatrix*, India

14.30 **Jatropha Cultivation and Investment: Case Study in Asia and Middle East**
Dr. Shoichi Kobayashi, *President and Executive Director, Japan Bio-Energy Development Corporation (JBEDC)*, Japan

14.50 Interactive discussion with speakers

15.10 Networking refreshment break

Production, Refining & Downstream Logistics

This session will address the latest breakthroughs in production efficiency, refining and logistics. How can the production process be optimized to increase profit? What are the key factors to consider in logistics?

15.40 **Processing & Refining Jatropha Curcas**
Naren Raju, *Chief Executive Officer, BioEnergy Plantations*, Singapore

16.00 **Processing of Jatropha Oil – Different Oil Extraction Methods, Refining & Transesterification**
Jakob Rietzler, *Managing Director, Lao Institute for Renewable Energy (LIRE)*, Laos

16.20 **Improvements in Productivity, Yield and Efficiency**
Khoo Hock Aun, *Chief Executive Officer, Ark Bio / Cosmo Biofuels Group*, Malaysia

16.40 **Technology Advancements of Jatropha Oil Extraction Machineries**
Leslie Teo, *Senior Manager, Muar Ban Lee Technology*, Malaysia

17.00 Interactive discussion with speakers

17.10 Close of conference & Jatropha Sustainable Biofuels Alliance Information Session

Thilo Zelt, *Director, Jatropha Sustainable Biofuels Alliance*, Germany

*awaiting final confirmation

Biofuels & Jatropha

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Sponsorship options for **Biofuels Market Asia & Jatropha Executive Briefing** offering varying levels of branding and exposure are available to suit budgets and marketing aims.

Contact **Amit Shahani**
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Appreciated the high technical level of the conference. **ROUNDTABLE ON SUSTAINABLE BIOFUELS**

Forthcoming Events

BiofuelsMARKETS
MEXICO & CENTRAL AMERICA
EXECUTIVE BRIEFING

Attracting investment to scale up biofuel production in Mexico & Central America
Mexico City, Mexico, 8 July 2009

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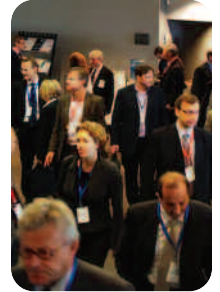
Driving the development of sustainable biodiesel from Jatropha Curcas in Latin America
Mexico City, Mexico, 9 – 10 July 2009

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