

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
- ▶ **Nelson Low**, Head of Commodity Products – Asia, **CME Group**, Singapore
- ▶ **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
- ▶ **Ru Zhaoxiang**, Director, **Guangdong Biofuels Technology**, China
- ▶ **Naren Raju**, Chief Executive Officer, **BioEnergy Plantations**, Singapore
- ▶ **Dr. H Mohan Behl**, Department of Biotechnology, **Government of India**, India
- ▶ **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 • Greenergy • 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**

**Dr. Gurusurti Natarajan**, Chief Operating Officer, Terasol Energy, USA

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

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 **Developments of Ethanol in Asia**

**Fungtamman Bundit**, Professor, Energy & Environment, King Mongkut's University, Thailand

14.25 **Sustainable Feedstock Options for Ethanol Production**  
**Kolluru Krishan**, Chairman, Malavalli Power Plant, India

14.50 **Reducing Greenhouse Gas Emissions in Ethanol Production**

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

**Josef Modl**, Executive Vice President, Vogelbusch, Austria

15.15 Interactive discussion with speakers

15.30 Networking refreshment break

### Ethanol Production

This session will provide an overview of market trends, pricing and international ethanol trading. Speakers will draw on case study experiences of producing fuel grade ethanol at high yield, addressing challenges from sourcing raw materials to production optimization.

16.00 **Case Study: Lessons Learned in the Development of Ethanol in Indonesia**

**Yani Witjaksono**, Country Manager, Satria Bronzeoak, Indonesia\*

16.25 **Market Trends, Pricing & International Trade of Biofuels**

**Nelson Low**, Head of Commodity Products – Asia, CME Group, Singapore

16.50 **Case Study: State of the Art Ethanol Production in Thailand**

**Yash Mankame**, Vice President, Praj Industries, Thailand

17.15 Interactive discussion with speakers

### 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.

17.30 **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

17.55 **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:

Panellists to be announced

18.15 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

09.50 Interactive discussion with speakers

10.10 Networking refreshment break

## Biodiesel Production

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.

10.40 **Lessons Learned in Biodiesel Developments in Malaysia**

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

11.05 **Successfully Integrated Biofuels Production in India**

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

11.30 **Case Study: Biodiesel Production in China**

**Ru Zhaoxiang**, *Director, Guangdong Biofuels Technology*, China

11.55 Interactive discussion with speakers

12.10 Networking lunch break

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

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

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

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

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

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

14.55 Interactive discussion with speakers

15.10 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?

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

**Per Dahlen**, *Managing Director, AUM Business Creations*, Singapore

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

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

16.30 **Commercialising Algae as a Next Generation Feedstock**

**Atul Saxena**, *Founder and Chief Executive Officer, Grow Diesel Consortium*, India

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

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

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

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

17.45 Interactive discussion with speakers

18.00 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 **Jatropha R&D: Lessons Learnt From Failures**  
**Dr. H Mohan Behl**, *Consultant, Biotech Park, Department of Biotechnology, Government of India*, India

10.20 Interactive discussion with speakers

10.30 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.

11.00 **Case Study Malaysia: New Systems of Pruning to Increase Production**  
**Dr. Bobby Tee**, *Research Manager, Asiatic Centre for Genome Technology*, Malaysia

11.20 **Case Study Vietnam – Social & Economic Impacts of Sustainable Jatropha Cultivation in an Out-grower Model**  
**Jamey Hadden**, *Managing Director, JatOil/Green Energy*, Australia

11.40 **Case Study: Jatropha Plantations in GMS Countries (Thailand/Lao/Cambodia/Myanmar)**  
▶ Value creation in the jatropha chain with the zero waste concept  
▶ Plantation methodologies and productivity yields  
▶ Off take market and utilization  
▶ Total generated products from jatropha plantation  
▶ Processing of all Jatropha products into both crude jatropha oil and jatropha biomass  
**Chumroen Benchavitvilai**, *Chief Executive Officer, Bioenergy Development*, Thailand

12.00 Interactive discussion with speakers

12.10 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.

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

14.00 **Successful Investing Experiences in Jatropha Projects**  
**Francisco Hoyos**, *Vice Chairman, FE Clean Energy*, USA\*

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

14.40 **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

15.00 **Key Successful Factors for Jatropha Investment – Case Study Indonesia**  
**Hans van den Berg**, *Co-founder & Senior Partner, Benchmark Partners / Mother Earth Plantations*, Switzerland

15.20 Interactive discussion with speakers

15.30 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?

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

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

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

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

17.20 **International Trade in Biofuels – Past, Present and Future Commercial Jatropha Perspectives**  
**Freddy Langesfeld**, *Director, GEA Biodiesel*, Argentina

17.40 Close of conference & Jatropha Sustainable Biofuels Alliance Information Session

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

\*awaiting final confirmation

# Biofuels & Jatropha

## MARKETS ASIA

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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

**JatrophaMARKETS**  
AMERICAS

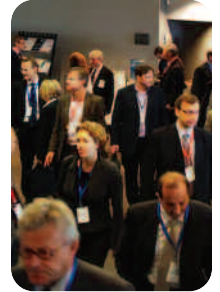
Driving the development of sustainable biodiesel from Jatropha Curcas in Latin America  
Mexico City, Mexico, 9 – 10 July 2009

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