

JatrophaWorld 2008

23-24 January 2008 | Hotel Mulia Senayan, Jakarta, Indonesia



“Commercialization - from Agronomy to Plantation to Fuel”

National Team for Biofuel Development,
Indonesia
ScanFuel AS
Naturöl Bioenergy Limited
Fraunhofer Institute for Molecular Biology
and Applied Ecology
Temasek Life Sciences Laboratory
Asiatic Center for Genomic Technologies

Labland Biodiesel (India) Private Limited
Van Der Horst Biodiesel Pte Ltd
Indonesian Center for Estate Crops
Research and Development (ICERD)
Jain Irrigation Systems Ltd.
CAT Capital and Technology GmbH & Co.
Consult KG

Desmet Ballestra
PT Kreatif Energi Indonesia
Malaysian Agricultural Research &
Development Institute (MARDI)
KYOTOenergy Pte Ltd
Emerald Planet Asia Biofuels & Forestry
Limited

promotion partners



Jatropha - the next frontier for bioenergy industry ?

The JatrophaWorld 2008 is a showcase of all the latest trends and shifts occurring in jatropha value chain. This conference brings together the best expertise to discuss and analyze the present and future dynamics of jatropha from a technological and socio economic angle.

The jury is still out on the viability of jatropha. Is jatropha really a high margin source for biodiesel? How does it compare with palm oil in prices, process economics and quality? How sustainable are the revenue models for jatropha based projects? When will jatropha plant oil or methyl ester be available in a large quantity for trading? All these key issues are up for detailed discussions at this conference.

Project management of large scale jatropha plantations pose challenges which need latest cultivation technologies. Is the region geared for such large ventures?

JatrophaWorld 2008, the most happening platform for all stakeholders in biofuel business, where you will access the latest and the most meaningful insights that will shape your business.

Register for **JatrophaWorld 2008** now.

Visit www.futureenergyevents.com for more information on **JatrophaWorld 2008**.

You will network with

- Current & Potential Biofuels Producers • Power Producers
 - Regional Plantation Owners / Investors
- Oilseed processing industry players • Institutional Investors
- Financiers and venture capitalist, project and finance managers
 - Commodity Brokers and Analysts • Renewable Energy Consultants • Agrobiotech, Fertilizer & Crop Protection Company Executives • Biofuels Technology and Equipment Suppliers • Commodity Testing, Inspection and Surveyors
- Agricultural Machine Suppliers • Environmental Engineers
 - Energy & Environment Researchers
- Fuel Marketers & Distributors • Auto-makers, engine and power generating set manufacturers
 - Biotechnology Researcher, Agronomist, Geneticist

10 Reasons Why You MUST Attend JatrophaWorld 2008

1. Obtain valuable and timely information never revealed before
2. Gather actual economics and project analysis done up by investors crucial for your financial tie-ups
3. Analyze the scope for **large scale versus small scale plantation models**
4. Zoom into real investments from Indonesia to Malaysia, to Mekong (Cambodia/Laos/Myanmar/Vietnam), India, China and Africa
5. Discover latest **genomics and biotechnology** findings from three leading research institutes
6. See first-hand a fully operational jatropha farm which supplies quality seeds to Java, Indonesia.
7. Identify the **best jatropha variety** that gives the highest yield in the shortest time
8. Evaluate **mechanical and solvent oil extraction technologies**
9. Learn actual plantation management experiences in **propagation, breeding, agronomy, cultivation, irrigation, nutrient management, etc**
10. Network with global investors and industry players to seek out lucrative joint venture partners

Join in the jatropha action, sign up with your team to enjoy group discount.

Day 1 - Wednesday, 23rd January

- 8.00 Coffee and registration
- 9.00 Chairman's Welcome and Introduction
- 9.10 **STATUS OF RECENT JATROPHA & BIODIESEL INVESTMENTS IN INDONESIA**
Evita H. Legowo, First-Secretary
National Team for Biofuel Development, Indonesia
- 9.40 **CAPTURING THE RIGHT OPPORTUNITIES**
 - Revenue / Cost Analysis
 - Site Selection Criteria (Africa vs. Asia/ South America)
 - Pros & cons of large scale plantationThor Hesselberg, CEO
ScanFuel AS
- 10.15 **FEEDSTOCK STRATEGY & ROADMAP OF BIODIESEL PRODUCER**
 - Why jatropha?
 - Economics of biodiesel production using jatropha oil
 - Oil extraction and refining technologyBhaskar Chalasani, Managing Director & CEO
Naturol Bioenergy Limited
- 10.50 Discussion followed by Refreshments

AGRONOMY & GENOMICS

- 11.20 **STRATEGIES AND DEVELOPMENT IN GENETIC ENGINEERING OF JATROPHA PLANTS**
Dr. Stefan Schillberg, Head, Plant Biotechnology
Fraunhofer Institute for Molecular Biology and Applied Ecology
- 11.55 **GENETIC MARKERS FOR BREEDING NEW VARIETIES**
 - Microsatellite and AFLP genetic markers
 - Evaluation of genetic diversity of jatropha
 - Controlled breedingDr. Yan Hong, Director (Plant Biotechnology), SRP
Temasek Life Sciences Laboratory
- 12.30 Discussion followed by Lunch
- 2.00 Chairman's Remarks
- 2.05 **JATROPHA CULTIVATION – FROM FIELD TO HARVESTING**
 - Increasing Productivity & Yield – Agronomy & Genetics
 - Propagation techniques
 - Soil and climatic condition

- Nutrients management
 - Intercropping
 - Pest and disease prevention
 - Irrigation systems
 - Mechanised harvesting
- Dr. Bobby Tee, Research Consultant
Asiatic Center for Genomic Technologies

2.40 BIOTECHNOLOGY FOR IMPROVED PLANTING MATERIAL AND PLANTATIONS

- Selection of quality planting materials
- Clonal propagation using tissue culture
- Professional plantation management: Disease control, Irrigation, Pre/post harvest management of seeds
- R&D in progress: Increase in the seed yield & oil content; Disease resistance; Value addition to the by-products

Dr. Sudheer Shetty, Chairman and Managing Director
Labland Biodiesel (India) Private Limited

3.15 Discussion followed by Refreshments

BUSINESS MODELS / PLANTATION MANAGEMENT

3.45 INTEGRATING PLANTATION & REFINERY

- Strategies in expanding the scale of jatropha plantation
- Plantation site location (from Malaysia, Cambodia, Laos, to China, India)
- Plantation ownership models
- Ensuring supply of plantation materials
- Storage and logistics of seeds/crude jatropha oil
- Refinery location selection criteria
- Costs and economics

Peter Cheng, Chief Executive Office
Van Der Horst Biodiesel Pte Ltd

4.20 THE JATROPHA CHALLENGE – CARBON, COMMUNITIES & COMMERCIAL PLANTATIONS

Tobias C Garritt, CEO
Emerald Planet Asia Biofuels & Forestry Limited

5.15 CULTIVATION & IMPROVEMENTS

Senior representative
Jain Irrigation Systems Ltd.

5.50 Discussion followed by end of Day 1

18.00 - 19.00 hrs. *Networking Reception*
for Speakers & Delegates

Program topics, speakers and schedules published herein are confirmed as at printing time. Please refer to the event's timetable page at www.cmttevents.com for the most up-to-date information.

Day 2 - Thursday, 24th January

9.00 Chairman's remarks

9.05 PROJECT IMPLEMENTATION IN INDONESIA

- Jatropha species selection
- Propagation and farming practices
- Pest and disease prevention
- Seed and oil yields; heating value
- Intercropping
- Utilization technologies for jatropha oil and seedcake
- Ensuring supply of plantation material and availability of oil

Dr. Bambang Prastowo, Director
Indonesian Center for Estate Crops Research and Development (ICERD)

9.40 ECONOMIC AND TECHNICAL PERSPECTIVES AS A SMALLHOLDER CROP

- Socio-economic environment of the smallholders (Malaysian case study)
- Opportunity costs of cultivating jatropha instead of other established crops especially oil palm and rubber
- Technical and marketing constraints at the smallholders level (planting materials, agronomic practices, pest and disease management and post-harvest handling)

Mansor Bin Puteh, Deputy Director
Rice and Industrial Crops Research Centre
Malaysian Agricultural Research & Development Institute (MARDI)

10.15 Discussion followed by Refreshments

10.45 CDM & Carbon Market Outlook

- Voluntary and Regulated Markets
- CDM Flexible Mechanism (CER)
- Price Development of EUA/CER
- Additionality, SD Criteria
- Registration Process
- Small – scale / Large Scale Projects, Criteria for eligibility, Sectors, Methodology
- Reward Vs Risks – is it worth the game?

P. Krishnamurthy, Asia Pacific Director
KYOTOenergy Pte Ltd

COMMERCIAL APPLICATIONS OF JATROPHA SEEDS

11.20 USING PURE JATROPHA PLANT OIL IN COMBINED HEAT AND POWER PLANTS – FEASIBILITY, ECONOMICS & TECHNOLOGY

Björn Heidrich, Managing Director
CAT Capital and Technology GmbH & Co. Consult KG

11.55 SUITABILITY OF JATROPHA OIL IN MODERN DIESEL ENGINES

- Combustion & emissions of PPO & JME

12.30 Discussion followed by lunch

1.30 PERFORMANCE & QUALITY OF PURE JATROPHA PLANT OIL VS JATROPHA METHYL ESTER

- Utilisation of jatropha plant (from plant seed to oil seed cake)
- Product characteristic and quality
- Effect of additives
- Blending with petrodiesel
- Handling, production costs & processes

PROCESSING TECHNOLOGIES

2.05 JATROPHA OIL EXTRACTION TECHNOLOGY – MECHANICAL VS. SOLVENT

Senior representative
Desmet Ballestra

2.40 JATROPHA OIL EXTRACTION – PRESS TECHNOLOGY

- Purification to Pure Plant Oil (PPO) for power generation
- Recovery ratio
- Techniques that increase quality of oil and speed of extraction

Eka Bukit, Director
PT Kreatif Energi Indonesia

3.15 IDENTIFYING COST EFFECTIVE JME PRODUCTION

- Chemical vs. Enzyme-catalyzed transesterification
- Blending with petrodiesel

3.50 Final discussion followed by Refreshments

4.30 End of conference

Field Trip 25 January, 7am – 4.30pm (Fee: USD100)

7am Gather at lobby to depart for Pakuwon, Sukabumi
10am Arrive at Jatropha seed garden
10-12pm Tour of the farm and demonstration of jatropha oil extraction
12pm Lunch
1.30m Depart for Jakarta
4.30m Back in Hotel Mulia

Limited seats available, confirm your participation upon registration

REGISTRATION

JatrophaWorld²⁰⁰⁸

23 - 24 January 2008 • Jakarta, Indonesia

Fees: The full Registration Fee includes cost of all sessions, luncheon, coffee/tea & documentation.

	1 Person	Group fee for 3 or more* (from the same company)
Regular Fee	USD1,395	USD1,195 (MIN SAVINGS OF USD600)

* Terms and conditions apply.

TO REGISTER

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TELEGRAPHIC TRANSFER

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TT must include additional USD21 for Beneficiary's Bank charges. Delegates must bear all bank charges and local taxes (if applicable). Fees must be NET of ALL charges.

Cancellations, Refunds & Transfers: A full refund will be promptly made for all written cancellations 3 weeks before the meeting. Thereafter, cancellations are not refundable. A substitute may be made at any time.

Photocopy Registration Form to Preserve Brochure Copy. Jan 2008

CONFERENCE VENUE

CMT has arranged special discounted room rate at USD 115++ (Single) / USD 125++ (Double) per room per night inclusive of 1 daily breakfast per pax (subject to room & rate availability) for delegates at **Hotel Mulia Senayan Jakarta.**

Please reserve your room with the hotel directly, providing full credit card number and expiry date to:
 Valerina Anasthasia, Group Coordinator
 Hotel Mulia Senayan, Jl. Asia Afrika, Senayan,
 Jakarta 10270, Indonesia
 Phone: (62 21) 575 3285 Fax: (62 21) 251 1858
 Email: valerina.anasthasia@hotelmulia.com
Reservation Cut-off Date: 8 January 2007

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EXHIBITION & SPONSORSHIP PACKAGES

Exhibition spaces are allocated at the event to showcase your jatropha technologies and products to captive audience. Various marketing & publicity options are available for your new Patent, Machine, Equipment & Technology:

- Distribution of company collaterals to all participants
- Catalogue and Poster display
- Exhibit of prototype machine or actual model

Companies in the following sectors will benefit:

- Agricultural machines specially adapted for jatropha plantations [land preparation tractor, soil cultivation machine, harvesting machine etc]
- Agribusiness: seed trader, plant protection, fertiliser etc
- Oil expeller suppliers
- Solvent producers/suppliers
- Biodiesel technology
- Glycerin processing technology

Please contact cynthia@cmtsp.com.sg or Tel: **(65) 6346 9132** for more information on exhibition packages. Also available is sponsorship packages including **Corporate, Exclusive Luncheon, Cocktails** and other customised packages