

Program topics, speakers and schedules listed herein are confirmed as at printing time.
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www.futureenergyevents.com



20-22 October | Le Royal Meridien Hamburg • Germany

JATROPHA WORLD

Hamburg 2008

*Successful Implementation & Integration Strategies
Overcoming Concerns on Sustainability
Maximising Project ROI through Improved Agronomy*

promotion partners



knowledge partner



supporting organisation



Verband der Deutschen
Biokraftstoffindustrie
e.V.



"Towards Sustainable Non-Food Bioenergy and Zero Waste Agriculture"

JATROPHAWORLD is a series of conferences that are dedicated to providing accurate information from actual practitioners, scientists and policy makers. It is a dynamic Networking and Information Sharing Platform which addresses the various concerns and challenges pertaining to Jatropha Cultivation and Investments. The main themes include: **Sustainability, Agronomy, Implementation, Financing, Policy, Social, and Technology.**

JATROPHAWORLD aims to answer the critical questions:

- What are the best practices in Jatropha agronomy to generate maximum ROI?
- Small scale vs. Large scale operation
- Plantation or Outgrowers?
- Site selection criteria – country policy, land-use legislation and availability, climate, soil, labour, logistics
- How do we attract investors and financiers to scale-up our projects?
- What are the sustainability criteria?

JATROPHAWORLD at Jakarta & Miami had attracted over 800 participants from over 45 countries, making them part of the largest international gathering of Jatropha Investors, Financiers, Scientists and Agronomists.

Why You Must Attend **JATROPHAWORLD**

- ❖ Pinpoints issues that help you build your business based on sustainable practices
- ❖ Maximise your profit potentials by learning the right agronomy practices
- ❖ Benefit from the experiences of notable projects from around the world
- ❖ Discover the various applications of jatropha and by-products
- ❖ Acquire updates on latest R&D in jatropha
- ❖ Interact and network with the who's who in the industry
- ❖ Debate and make your voices heard regarding the controversies surrounding jatropha
- ❖ Meet the right people who can help you grow your business

JATROPHAWORLD is the only event you need to attend to secure valuable information and build meaningful relationship for your jatropha venture. Be sure to sign up early to guarantee your place at this exciting conference cum networking event. Register or enquire at

www.futureenergyevents.com/jatropha

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

Day 1 - Monday, 20th October

- 8.00 Registration and Coffee
- 9.00 Chairman's Introduction and Welcome
Werner Koerbitz, Chairman
Austrian Biofuels Institute
- 9.10 **EU'S PERSPECTIVE ON JATROPHA - BASED BIODIESEL PROJECT**
Piero Venturi, Directorate-General Research Biotechnology Unit
European Commission
- 9.40 **THE ROAD AHEAD FOR EUROPEAN BIODIESEL INDUSTRY**
Raffaello Garofalo, Secretary General
European Biodiesel Board
- 10.10 **TABLE OR TANK?**
 - Is it possible to have sustainable biofuelJohannes Lackmann, Managing Director
Verband der Deutschen Biokraftstoffindustrie e.V. VDB (Association of German Biofuel Industry)
- 10.40 Discussion followed by Refreshments
- 11.15 **INTEGRATING JATROPHA WITH FOOD PRODUCTION**
Christoph Weber, CEO
Jatro AG
- 11.45 **INVESTOR'S PANEL: STRUCTURING YOUR PROJECT TO ATTRACT LENDERS/ INVESTORS, PERSPECTIVES FROM:**
 - Banks and Financial Institutions
 - Institutional Investors, Fund Managers,
 - Venture CapitalistsPanelists include:
Marc J.M. Buiting
Netherlands Development Finance Co.
Jamey Hadden, Director of Strategic Development
GreenEnergy Ltd.
Kolbjorn Midttun
- 12.30 Discussion followed by Networking Lunch
- 14.00 Chairman's Remarks
Thilo Zelt, Biofuel Team
GEXSI - Global Exchange for Social Investment

14.05 **OIL CHANGE - BIOFUELS & SUSTAINABLE MOBILITY**
Dr. habil. Uwe Lahl, Director General
Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

14.35 **JATROPHA PROJECT'S POTENTIAL FOR CARBON CREDIT**
Francois Falloux, Vice President
Eco-Carbone

15.05 **SUSTAINABILITY OF JATROPHA: WWF'S PERSPECTIVE**
Laszlo Mathe, Forest and Bioenergy Officer
WWF Scotland

15.35 **THE JATROPHA SUSTAINABILITY ALLIANCE: GIVING JATROPHA A VOICE IN MEDIA; POLITICS AND EXPERT CIRCLES**
Andreas Renner, Director Development Investments
GEXSI - The Global Exchange for Social Investment

16.05 Discussion followed by Refreshments

16.40 **GREEN HOUSE GAS EMISSIONS AND ENVIRONMENTAL IMPACT OF JATROPHA BASED BIODIESEL**
Simon Gmuender, Research Fellow
EMPA - Materials Science & Technology

17.10 **CERTIFICATION OF BIOFUELS AND BIOLIQUIDS - SUSTAINABILITY CRITERIA AND GHG BALANCE**
Igor Dormuth, Project leader certification of Biofuels
TÜV SÜD Industrie Service GmbH

17.40 **EXPELLER PRESSES FOR JATROPHA**
Josef Schneider, Sales Manager
Harburg-Freudenberger Maschinenbau GmbH

18.10 Discussion followed by End of Day 1

1815- 1915 hrs. *Networking Reception*
for Speakers & Delegates

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Day 2 - Tuesday, 21st October

9.00 Chairman's Remarks
Ruud van Eck, CEO
Diligent Energy Systems BV

9.05 **INNOVATIVE BIODIESEL**
Werner Koerbitz, Chairman
Austrian Biofuels Institute

9.35 **KEY FACTORS IN PROCESSING JATROPHA TO GOOD QUALITY BIODIESEL**
Laszlo Kondor, Director, Business Development
BioDiesel Technologies GmbH

10.05 **COMPARATIVE EVALUATION OF TOXIC AND NON-TOXIC JATROPHA GENOTYPES**

- Potential For Production Of Biofuel, Livestock Feed and Pharmaceuticals

 Harinder P.S. Makkar, International Project Coordinator: BMBF-MOST Jatropha Project
University of Hohenheim

10.35 Discussion followed by Refreshments

11.05 **JATROPHA AND PONGAMIA PLANTATIONS FOR IMPROVED LIVELIHOODS AND REHABILITATION OF DEGRADED LANDS**

- Suitable agronomic practices
- Development of improved cultivars
- Water requirement
- Institutional arrangements for increased productivity

 Suhas P Wani, Principal Scientist (Watersheds) and Regional Theme Coordinator
International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)

11.35 **JATROPHA FOR RURAL DEVELOPMENT – APPLICATIONS & REVENUE SOURCES**

- Pilot projects Mali, Honduras & Mozambique
- Uses of Jatropha for oil, biodiesel electricity generation, soap making and financials;
- Utilisation of seedcake for biogas & fertilizer

 Winfried Rijssenbeek, Senior Advisor
Fact Foundation

GLOBAL CASE STUDIES

12.05 **CHALLENGES AND OPPORTUNITIES IN AFRICA**

- Selection of suitable growing site (climate and soil conditions)

- Important site preparation procedures
- Susceptibility to weed competition; pest and disease damages
- Future research needs for proper domestication of Jatropha

 Jiregna Gindaba Doti, Crop Scientist
Sun Biofuels Ltd.

12.35 Discussion followed by Networking Lunch

13.55 Chairman's Remarks
Dr. Laszlo Kondor, Head of Business Development
BioDiesel Technologies GmbH

14.00 **PROJECT IMPLEMENTATION IN TANZANIA**
Ruud van Eck, CEO
Diligent Energy Systems BV

14.30 **GROWING JATROPHA IN HUMID COUNTRIES (CAMEROON, GHANA) VS. ARID COUNTRIES (MOROCCO, GHANA)**
Giovanni Venturini Del Greco, General Manager
Agroils SRL

15.00 **JATROPHA AGRONOMY & PLANT BREEDING – EXPERIENCE FROM LAOS**
Jakob Rietzler, Managing Director
Lao Institute for Renewable Energy (LIRE)

15.30 Discussion followed by Refreshments

16.00 **USING JATROPHA PLANT OIL - COOKING STOVE**
Samuel N. Shiroff, Director
BSH Bosch and Siemens Hausgeräte GmbH

16.20 **USING JATROPHA PLANT OIL - CHP PLANT**
Niklas Haga, Chief Development Engineer
Wartsila Finland OY

16.40 **USING JATROPHA OIL - VEHICLE (TRUCK & BUS) & GENERATOR SET**
Ben Mayo, Business Development Manager
Regenastar

17.00 **BIOREFINERY CONCEPT FOR JATROPHA**
Erik Heeres, Professor of Chemical Toxicology
University of Groningen

17.30 Final Discussion followed by Chairman's Closing Remarks

17.45 End of Conference

Jatropha Practitioner Workshop

Day 3 - Wednesday, 22nd October

0845 – 1430 hr
OPTIONAL Post-Conference Workshop
(Fee: EUR595/person)

**Limited seats available for effective discussion;
open to conference delegates only**

Session I: Plantation Set-up

- ❖ **Land selection:** favorable soil and climatic conditions, nutrient requirements, risk mitigation (cyclones, bush fires etc.)
- ❖ **Land preparation:** clearing techniques, tillage vs. no-tillage; carbon emissions of land-use change, cost aspects
- ❖ **Seedling production:** nursery design (polybags vs. nursery bed), seed selection, timing, shading, experiences with alternative methods – cuttings and direct seeding
- ❖ **Planting out:** plant preparation, preparation of tree holes, fertilization and watering
- ❖ **Spacing:** comparison of alternative plantation designs

Speakers include:

Clive Richardson, CEO
Kilimanjaro Biofuels Corporation

Tim Mahoney, CEO
Bio-Energy Resources Ltd.

Erik Wiersma, Global Manager for Sustainable Oil Supply Program
D1 Oils Plant Science

Session II: Plantation Management

- ❖ **Pruning:** timing, intervals, techniques, intensity, shaping of tree forms
- ❖ **Pest control:** types of pests and diseases, solutions and strategies, biological options, integrated disease management, cost aspects
- ❖ **Pollination:** supportive measures, use of bees, timing
- ❖ **Fertilisation:** effects, fertiliser types, organic fertiliser, application techniques, timing, cost aspects
- ❖ **Irrigation:** pros and cons, types, technology, frequency, cost aspects
- ❖ **Weeding:** options, erosion control aspects, leguminous cover plants
- ❖ **Intercropping:** suitable options, farming models, timing, economics

Speakers include:

Renier van Rooyen, General Manager
ESV Bio-Africa

Roger Sheriff, Owner
Jatrafuel

Gjalt Hooghiemstra, Head Agronomy and Logistic
Green Power Holdings AG

Workshop Time Schedule

08:45	Workshop Chair's Opening Remarks
09:00	Session I
10:00	Discussion
11:00	Coffee break
11:30	Session II
12:30	Discussion followed by end of Workshop
13:30	Lunch
14:30	End

Message from the Workshop Chair:

Jatropha has the potential to become one of the leading feedstocks for sustainable biofuel production. The challenge remains to enhance the knowledge of actual plant-handling in order to achieve good results. Having conducted more than 160 interviews with Jatropha project developers worldwide (www.jatropha-platform.org), we realized the need for exchange of know-how among projects to bridge the knowledge gap and to establish consolidated cultivation methods and best practices.

The Workshop is dedicated to highlighting *practical aspects* of **Jatropha Plantation Set-Up** and **Maintenance**. Experienced Jatropha practitioners from **Africa, Asia** and **South America** will share their experiences and techniques with the participants. Ample time will also be dedicated to interactive discussions between the speakers and participants.

The Workshop will focus on the initial steps in the Jatropha value chain, i.e. *selection and preparation of the land, preparation of the actual plants and techniques to establish and maintain strong and healthy plantations*. These aspects greatly influence the economics of Jatropha business model and their successful implementation help build a technically-sound project.

This workshop is organised in partnership with



About GEXSI

The Global Exchange for Social Investment – GEXSI (www.gexsi.org) is an international development finance intermediary which operates worldwide with offices in London and Berlin. GEXSI's mission is to support social entrepreneurs in low-income regions worldwide to move from philanthropic support to commercial investment. GEXSI focuses on businesses that have social, environmental and economic impact, and clear potential for scaling up or replication. Since 2005, GEXSI has build up a Jatropha expert network and has done extensive work in promoting Jatropha and supporting Jatropha entrepreneurs – e.g. the first Global Market Study on Jatropha.



Workshop Chair: Thilo Zelt, GEXSI

Thilo Zelt is one of the authors of the Global Market Study on Jatropha which has been conducted by GEXSI on behalf of the European Roundtable for Sustainable Biofuels (RSB) this year. Thilo Zelt has extensive experience in Jatropha business development and consulting for Jatropha projects. He has developed and manages a Jatropha project in Madagascar.

Limited seats available, register early for a guaranteed place

REGISTRATION

JATROPHA WORLD
Hamburg 2008

20-22 October | Hamburg, Germany



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

Conference Fee for 1 Person	Conference Fee for 3 or more* (from the same company)
EUR1,295	EUR1,095 (MIN SAVINGS OF EUR600)
Workshop Fee (Open to conference delegates ONLY)	
EUR595/person	

* Terms and conditions apply.

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.

TO REGISTER

Online: www.cmtevents.com
Email: emily@cmtsp.com.sg
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CUSTOMISED SPONSORSHIP PACKAGES AVAILABLE

This event is an excellent platform to promote your organisation to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive Luncheon, Cocktail & Documentation sponsor. Exhibition / catalogue display can be arranged upon request. Contact cynthia@cmtsp.com.sg or (65) 6346 9132.

Photocopy Registration Form to Preserve Brochure Copy. Oct 2008

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CONFERENCE VENUE

CMT has arranged special discounted room rate at
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Le Royal Meridien Hamburg, An der Alster 52-56, 20099 Hamburg, Germany
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Reservations : info.LRMHamburg@lemeridien.com
Cut off Date for Room Booking: 22nd September 2008

~ CMT's Upcoming Events ~

JATROPHA

PRODUCTION TO APPLICATIONS

- from Nursery to Post Harvest

20-22 August 2008 • Kuala Lumpur

Presented by an expert with extensive & practical experiences.
Register Early for this Interactive Workshop.
3rd Day Site visit to 1-3 acre Jatropa Nursery
Post workshop with continuing discussions...

BiomassWorld

23-24 September • Beijing, China

"Sustainable usage of agricultural residue & waste for power generation and cellulosic biofuels"

BTLtec

BIOMASS TO LIQUIDS 2008

13-14 October • Gothenburg

"More players in BTL
- A step closer to Commercialization"

AlgaeWorld

17-18 November • Singapore

"Commercialisation - from strain selection to post harvest processing"

- Techno-commercial focus on the potential of algae as alternative energy resource (Biodiesel, Bioethanol, Bio-Jet fuel, Biogas, Biobutanol)
- Covering advances in cultivation, harvesting and processing
- A unique Buyer-Seller Meet platform in Asia Pacific