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2nd JATROPHAWORLD AFRICA

14-15 Oct 2009
Belgium
Thon Hotel Brussels City Centre

“Optimising the Efficiency & Economics of Jatropha in a Sustainable Manner”

Diligent Tanzania Ltd	Jatol Ltd.
Flemish Government	WWF Scotland
Distribution & Finance SA	Green Shield of Nations
Energem Biofuels Limited	University of Hohenheim
Mother Earth Plantations Pte. Ltd.	Katholieke Universiteit (K.U.) Leuven
Matrix Biofuels LLP	University of York
South Pole Carbon Asset Management Ltd.	Partners for Euro-African Green Energy (PANGEA)
European Commission	Wageningen University and Research Centre
Energem Biofuels Ltd.	Elsbett AG
Viridesco	Waterland International
Biofuel Africa Ltd	LANXESS Deutschland GmbH
Green Environment Consultants	
BEI International	

promotion partners



Day 1 - Wednesday, 14 October

- 8.00 Registration and Coffee
- 9.00 Chairman's Welcome & Introduction
Christopher Hunter, Director, Viridesco Ltd.
- 9.15 **Opening Speech**
Jean-Pierre Heirman, Secretary-general Environment, Nature and Energy Department Flemish Government

Pathway to Commercialisation & Financing

- 9.45 **Project Developer's Outlook on Jatropha Value Chain**
- Experience of project development in Africa
 - Viable jatropha business model
 - Financial planning and forecasting
 - Key success factors
- Ruud van Eck, CEO, Diligent Tanzania Ltd*
- 10.15 **Financing Roundtable: How to Raise Funds for A Jatropha Project During Credit Crunch?**
- How to draw interest from investors?
 - Role of Microfinance, Development Banks, Private Equity, Government Grant
- Panelists include: Christophe de Landsheer, Managing Director Distribution & Finance SA*
Hans van den Berg, Partner, Mother Earth Plantations Pte. Ltd.
James Scruby, CEO, Matrix Biofuels LLP
- 10.45 Discussion followed by Refreshments
- 11.30 **Opportunities for Carbon Credits in Jatropha Biofuel Projects**
- Carbon Credit Potential for Jatropha Projects
 - Opportunities & Methodologies in CDM / VCS
 - Carbon Market Outlook & Expected Price Development
 - Process for Generating Carbon Credit (Timeline)
 - Case Study
 - Post Kyoto scenario
- Patrick Horka, CDM Project Manager South Pole Carbon Asset Management Ltd.*
- 12.00 **EU Biofuels Policy in the Context of the Renewable Energy Directive (Focus on Jatropha)**
Oyvind Vessia, DG - Tren, European Commission

- 12.30 Discussion followed by Lunch
- 14.00 Chairman's Remarks
Ruud van Eck, CEO Diligent Tanzania Ltd.

Practitioners' Roundtable – Experience of Jatropha Projects in Africa

- 14.05 **Mozambique - Good Practices in the Establishment and Management of Large Scale Jatropha Plantations**
Jon Mc Lea, R&D Manager Energem Biofuels Ltd.
- 14.35 **Performance & Yields of 4 Year-Old Plantation in Mozambique**
- Plantation setup and maintenance- The seedling nursery, planting out and the use of fertilizer, insecticide and irrigation
 - Agronomic practices- husbandry techniques
 - Yields and economics-
 - correlation of soil quality/ use of fertiliser and insecticide/ water quantities to yields.
 - the growth curve
 - the outgrower model
- Christopher Hunter, Director Viridesco*
- 15.05 **Ghana**
Steinar Kolnes, Chairman Biofuel Africa Ltd
- 15.35 Discussion followed by Refreshments
- 16.05 **Growing Jatropha in Dry, Desert Climate (Experience in Egypt, Libya, Sudan, Syria)**
Dr. Tarek Abdelhamid, CEO Green Environment Consultants
- 16.35 **Nigeria**
Dr. Kabir Abdulkadir Yammama, President Green Shield of Nations
- 17.05 **Breakthrough in Mechanical Harvester**
Max Lint, President/CEO BEI International
- 17.35 Discussion followed by End of Day One

1745 -1845 hrs. *Networking Reception*
for Speakers & Delegates

Day 2 - Thursday, 15 October

- 9.00 Chairman's Remarks
Tony Crimmins, Business Dev. Manager Jatoil Ltd.

Sustainability

- 9.05 **Sustainability & Ecological Effects of Jatropha Curcas**
Laszlo Mathe, Forest and Bioenergy Officer WWF Scotland
- 9.35 **Life Cycle Assessment (LCA) of Biodiesel Production from Jatropha Curcas L.**
- Compare the life cycle of low input jatropha production system for local fuel production with a fossil fuel reference
 - Calculated all major impact categories (greenhouse gas balance, energy balance, ozone depletion, acidification, eutrophication, land use)
 - Compared with alternative jatropha scenarios (transport to regional cities or to industrial countries)
 - Compared different uses of byproducts (seed cake)
 - Identify the critical phases in the jatropha life cycle and make recommendations for a more sustainable production
- Ir. Wouter Achten, Research Group Forest, Ecology and Management Katholieke Universiteit (K.U.) Leuven*

- 10.05 **Food vs Fuel, Jatropha's Role**
Meghan Sapp, Secretary General Partners for Euro-African Green Energy (PANGEA)

- 10.35 Discussion followed by Refreshments

Scientific R&D

- 11.05 **Molecular and Biochemical Analysis of Toxic and Non-Toxic Lines**
Prof. Ian Graham, Centre for Novel Agricultural Products, Department of Biology, University of York
- 11.35 **Enhancing Economic Viability and Sustainability of Jatropha Biofuel Production Using A Bio-Refinery Concept**
Prof. Dr. Harinder P.S. Makkar, International Project Coordinator: BMBF-MOST Jatropha Project, University of Hohenheim

12.05 **Global Worldwide Yield Prediction Model for Jatropha Curcas**

Prof. Dr. Bart Muys, Forest Ecology and Management
Katholieke Universiteit (K.U.) Leuven

12.35 Discussion followed by Lunch

14.00 Chairman's Remarks

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

Processing and Applications

14.05 **Jatropha Protein Products for Technical Applications**

- Jatropha Curcas using the Bio-refinery Concept
- Jatropha protein extraction from seed cake at room temperature
- Improving protein extraction at room temperature by using multi-stage countercurrent extraction
- Film-forming properties of Jatropha protein products
- Future outlook

Dianika Lestari, Researcher
Wageningen University and Research Centre

14.35 **Pure Jatropha Oil Fuel – Improving Jatropha Business Efficiency**

- Advantages of using Jatropha oil as a fuel in its pure form
- Engine conversion technology
- Oil extraction plants producing fuel grade Jatropha fuel; plant driven on Jatropha oil

James Scruby, Director
Viridisco and Elsbett AG

15.05 **Benefits/Economics of Bio-Digester and Mini Power Plants from Jatropha Seedcake**

William Nolten, CEO
Waterland International

15:35 **Shelf Life of Biodiesel from Jatropha and Edible Oils, Use Of Biodiesel Stabiliser**

Axel Ingendoh, Marketing Manager, Technical Service
LANXESS Deutschland GmbH

16.05 Final Discussion followed by Closing Tea

16.35 End of Conference

CMT's ^{2nd} **JATROPHA WORLD AFRICA** offers insight on Best Agronomic Practices, Supply Chain Issues & Sustainability Criteria

CMT's **JatrophaWorld** is the leading platform for global jatropha community to interact and exchange ideas on accelerating the commercialization of jatropha for fuel and energy. JatrophaWorld is committed to rise above the hype and misinformation on jatropha and provide a **true depiction of its potentials** and the **latest developments in jatropha growing and processing**.

Part of the JatrophaWorld conference series which has **benefitted over 1700 Jatropha stakeholders from over 100 countries, 2nd JatrophaWorld Africa covers jatropha development in Africa and its usage in local communities and for export to EU.**

Currently, the economics of jatropha fuel is not yet competitive with petro fuels, some investors have even pulled out of their jatropha ventures. However, at **2nd JatrophaWorld Africa**, you will hear from **jatropha practitioners who are in serious pursuit of commercializing jatropha cultivation and oil production and has been making good progress.** Come to **2nd JatrophaWorld Africa** to hear about their progress and how they manage to stay afloat in spite of the challenging environment.

Still analyzing the complexities and paradoxes of jatropha as biofuel feedstock? Come to **2nd JatrophaWorld Africa** to hear from jatropha growers who have combined acreage of over 10,000 hectares and growing experience of 5 years and above.

When the British transplanted wild South American rubber trees in Indonesia in the early 1900s, the yield was dismal. After 20 years of intensive research, rubber yields had increased by 400 percent. With sufficient R&D, jatropha remains a hopeful candidate for near-term fuel and energy production. As affirmed by a recent research conducted by Pike Research, **Jatropha-based fuels will have a significant impact in 2014.**

Highlights of 2nd JatrophaWorld Africa:

- **Practical Experience of jatropha growers in Africa**
- **Supplying Jatropha oil to EU – Policies & Logistics**
- **Utilisation in African Communities**
- **Harvesting Techniques – Mechanical & Manual**
- **Agronomic Practices – Soil Consideration/ Rehabilitation, Irrigation, Fertilization, Pest & Disease Management, Pruning etc**
- **Fund Raising Options during credit crunch**
- **Application Technologies, including utilization of Pure Plant Oil, Biomass, Seedcake**
- **Supply Chain and Logistic Management**
- **Sustainability of jatropha and its Ecological effects**
- **R&D Advancements in Genetics, Planting Materials and Yields**

The long-term commitment of worldwide national governments to foster robust biofuels markets remains solid, and technological advances and economies of scale will dramatically improve the economics of biofuels versus petroleum.

Come to 2nd JatrophaWorld Africa to obtain realistic outlook and factual information.
See you in Brussels!

2nd JATROPHA WORLD AFRICA

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2ND ALGAE WORLD ASIA 2009

BANGKOK, THAILAND | 29 Sep-1 Oct

Expanding Algae Markets with Technology Advances

AgriBiotech & Crop Protection Markets

KUALA LUMPUR, MALAYSIA | 16-17 Nov 2009

Technology innovations & regulatory framework to support a sustainable agriculture industry

2nd JATROPHA WORLD AMERICAS

MIAMI, USA | 3-4 Dec 2009

"Strategies to Accelerate the Commercialization of Jatropha Business"

Featuring production case studies on
USA, Brazil, Argentina, Guatemala, Honduras & Peru

PLUS! Included as part of the program
- Mini Workshop on Jatropha Biodiesel Value Chain :
A model which helps you procure finance by showing financiers the shareholder values of your project

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@cmtp.com.sg or (65) 6346 9132.

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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)
EUR1,195	EUR995 (MIN SAVINGS OF EUR600)

* 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.

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