

# Biofuelsmarkets™ Asia

9-11 June 2008, New Delhi, India

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## Learn from Leading Biofuels Experts, Including:



**Peter Cheng**,  
Chief Executive Officer,  
Van Der Horst Biodiesel



**Srinivas Prasad Moturi**,  
Chairman & CEO,  
Cleancities Biodiesel



**Dr Arun Jaura**,  
CTO, Innovation & Global  
Advanced Technologies,  
Mahindra and Mahindra



**Hari M Behl**, Department  
of Biotechnology,  
Government of India



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



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

## Plus practical case studies, insight and analysis from:

- ▶ **Ramesh Santhanam**, Vice President, **Ashok Leyland**
- ▶ **Dr. M A Siddiqui**, General Manager (R&D), **Bharat Petroleum**
- ▶ **N Satish Kumar**, Managing Director, **Southern Online Biotechnologies**
- ▶ **Robert Visco**, Operations Manager, **Philippine National Oil Company Alternative Fuels Corporation**
- ▶ **B B Choudhary**, General Manager, Biofuels, **Indian Oil Corporation**
- ▶ **S Venkatraman**, Director - Strategic Advisory and Research, Food & Agribusiness, **Rabo India Finance**
- ▶ **Sarju Singh**, Managing Director, **D1 Oils**
- ▶ **Dr. Gurusurthi Natarajan**, Chief Operating Officer, **Terasol Energy**
- ▶ **Chris de Lavigne**, Vice President - Consulting, Asia Pacific, **Frost & Sullivan**

- ✓ **First class networking opportunities with industry peers**
- ✓ **Interactive agenda with lively debates**
- ✓ **Market updates from across Asia**
- ✓ **Meet leading international biofuels producers, regulators, traders and solution providers**
- ✓ **One day masterclass on **Second Generation Feedstocks**, 9 June**

**"A 10/10 conference and already doing a number of follow ups"** Australian Farmers Fuel

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## Biofuelsmarkets™ Asia

Over 450 biofuels professionals have participated in past editions of Biofuels Markets Asia, which bring together players from the entire value chain to discuss best practices in sustainable biofuels market expansion. Our events stand out for the unparalleled number of biofuels producer companies we attract and the level of detail and knowledge reflected in our event programs.

Following on from successful editions in Thailand and Singapore, the 3rd Annual Biofuels Markets Asia will be located in the burgeoning market of India where the government has recently implemented an ethanol blending program and is considering initiatives in the form of mandates for Biodiesel. With these strategies, the rising population and growing energy demand from the transport sector Biofuels look set for a significant market in India.

Endorsed by:



### Do business with leaders of the Asian biofuels industry

Here are just some of the companies who have attended: ADM World, AES, Ashok Leyland, Australian Biodiesel Group, Australian Farmers Fuel, Axens, Baring, BASF, BioDiesel Society of India, BP Biofuels, Brazil Japan Ethanol, Cargill, Carotino, Caterpillar, CIIF Oil Mills Group, Cleancities Biodiesel, CMS Resources, Cobra Biodiesel, Credit Suisse, Czarnikow, D1 Oils, DaimlerChrysler, Danisco, Deutsche Biodiesel, Degussa, Desmet Ballestra, DuPont, EcoOils, Esso, Golden Hope, GreenBiofuels, Greenenergy, Hatakeyama Oil Coproration, Hydrochem, Indian Bank, Indian Oil Corporation, JBIC, Joint Asian Derivatives Exchange, Koratec Ethanol Co, Kuwait Petroleum, Man Financial, Mawana Sugars, Mazoil, McKinsey, Natural Energy, Natural Fuel, Naturol Bioenergy, Noble Grain, Novozymes, 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

### Here's who you'll meet

- ▶ Biofuels Producers
- ▶ Equipment & Technology Solutions
- ▶ Project Developers/Consultants/
- ▶ Consulting Engineers
- ▶ Government Representatives
- ▶ Chemical & Agricultural Suppliers
- ▶ Banks/Investors/Insurance
- ▶ Universities/Research/Non Profits
- ▶ Oil/Petroleum/Refining
- ▶ Feedstock Producers
- ▶ Associations
- ▶ Other Corporates
- ▶ Automotive & Transport
- ▶ Commodity Traders & Brokers
- ▶ Press

### Gain an in depth understanding of the Asian biofuels markets

- ▶ **What are the latest biofuels business opportunities in Asia?**
- ▶ **How are producers deploying commercially viable projects?**
- ▶ **How can investment be secured in the region?**
- ▶ **How is feedstock supply and pricing affecting the markets?**
- ▶ **How can sustainable biofuels production be assured?**
- ▶ **What are the latest developments in production plants & technology?**
- ▶ **What does the future hold for biofuels in Asia?**
- ▶ **One day masterclass on 2nd Generation Feedstocks, 9 June**

### Plus, benefit from

- ▶ **First class networking opportunities with industry peers**
- ▶ **An interactive agenda with lively debates**
- ▶ **Outlooks from across Asia**

**"A 10/10 conference and already doing a number of follow ups"** Australian Farmers Fuel

**"A good platform for creating awareness & networking"** Singapore Business Federation



Now in its 4<sup>th</sup> year, the Biofuels Markets World Series is an annual calendar of events which provide an excellent platform to do business with biofuels industry leaders in rapidly expanding markets, keeping you on the road to greater profitability. **Over 5000 high calibre delegates have attended the series to date.**

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08.30 Registration

09.00 Chair's Opening Remarks  
**Chris de Lavigne**, Vice President - Consulting, Asia Pacific,  
**Frost & Sullivan**, Singapore

09.10 - 11.05

## Growing Pan Asian Biofuels Opportunities

A series of key biofuels experts will give attendees an excellent overview into all the key regional biofuels issues.

### Welcome Address - Policy & Regulatory Developments in India

- ▶ Policies and regulations for the biofuels industry
- ▶ Incentives and tax relief to encourage the production of biofuels
- ▶ Mandatory biofuels blending as an industrial policy
- ▶ Government investments in existing infrastructure
- ▶ Increasing biofuel crop acreage
- ▶ Status of government policies

Senior Representative, **Government of India**

### Asian Biofuels Challenges & Opportunities

**Peter Cheng**, Chief Executive Officer, **Van Der Horst Biodiesel**, Singapore

### Global Biofuels Developments & Key Trends

- ▶ Global & Asian market trends
- ▶ Achieving cost competitiveness
- ▶ Current status of biofuels in different countries and new regulatory developments
- ▶ Developments and challenges faced by different countries
- ▶ Domestic use or export?

**Chris de Lavigne**, Vice President - Consulting, Asia Pacific, **Frost & Sullivan**, Singapore

### Update on the Australian & New Zealand Biofuels Markets

**Mike Cochran**, Director, **APAC Biofuels Consultants** (A Joint Venture of ECCO Consulting & Energy Quest), Australia

Interactive Discussion Session with Speakers

11.05 Networking Refreshment Break

11.45 - 13.00

## Financing and Improving the Economics of Biofuels Production

As high feedstock prices continue to hamper the biofuels industry - what can producers do and what recommendations are there from the financial industry?

### Issues and Opportunities for Biofuels in India

- ▶ Biodiesel and fuel ethanol - the current scenarios
  - ▶ Value chain analysis (cultivation, processing and marketing)
  - ▶ Recommendations for Governments and private players
- S Venkatraman**, Director and Head - Strategic Advisory and Research, Food & Agribusiness, **Rabo India Finance**

### Improving the Economics of Biodiesel

- ▶ The demand from the public and government is there in India but the current bottlenecks need to be overcome
- ▶ Non food feedstock productivity - assessing varieties, cultivars of Jatropha, Pongamia
- ▶ Utilising byproducts and waste

**Hari M Behl**, Consultant, Department of Biotechnology, **Government of India**

13.00 Networking Lunch Break

14.15 - 16.00

## Ensuring Sustainability & Feedstock Availability

How can biofuels be produced in a sustainable manner and potential impacts be reduced. How can feedstock supply be increased and from which non-food sources?

### The Food vs. Fuel Debate in the Indian Context

- ▶ Policies & strategies

**G M Pillai**, Director General, **World Institute of Sustainable Energy (WISE)**

### Palm Oil Plantation Developments

Senior Representative, **PT Bakrie Sumatera Plantations**, Indonesia

### Agriculture and Feedstock Research & Development

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

### Sustainable Feedstock Options for the Biofuel Value Chain

- ▶ Assessing feedstock options for 1<sup>st</sup>/2<sup>nd</sup> generation biofuels
- ▶ Placing the food vs. fuel debate in context
- ▶ Shifts in biofuel policy initiatives
- ▶ Feedstocks dynamics in developing economies

**Dr R Rajagopal**, Chief Commercial Officer, **KnowGenix**

### Feedstock Developments in India

- ▶ Current feedstocks
- ▶ Supply relationships
- ▶ Learning's from other markets
- ▶ Jatropha as a Biodiesel feedstock

**Sarju Singh**, Managing Director, India, **D1 Oils**

### Commercialising Algae as a Feedstock - A Viable Option for the Biodiesel Industry

- ▶ Emerging opportunities with Algae?
- ▶ A non food feedstock
- ▶ Commercialisation
- ▶ Technological development - ATG-2XG enclosed photo bioreactor technology to produce Growdiesel from algae

**Atul Saxena**, Founder and Chief Executive Officer, **Growdiesel Consortium**

Interactive Discussion Session with Speakers

16.00 Networking Refreshment Break

16.30 - 18.00

## Biofuels Production Technology

### Developing a Large Scale State of the Art Biodiesel Production

- ▶ Feedstocks
- ▶ Impacts for the rural economy
- ▶ Progress update, 12 months on

**Srinivas Prasad Moturi**, Chairman & Chief Executive Officer, **Cleancities Biodiesel**

### Catalyst Selection in Biodiesel Processes

- ▶ Reviewing catalyst choices in biodiesel production
- ▶ Selectivity and yield issues
- ▶ Operational cost issues
- ▶ Success factors of 'ready to use' catalysts

**Dr Johannes Ruwwe**, Product Manager Biodiesel, **Evonik Degussa**,

### Production Technology Developments to Evolve the Market

**Michel Bloch**, Product Line Manager, Biofuels, **Axens**

18.00 Close of Day One & Networking Drinks

08.30 Welcome Coffee

09.00 Chair's Opening Remarks  
**Mike Cochran**, Director, **APAC Biofuels Consultants**,

09.10 **Keynote: Focus on India - Market Analysis & Review**  
 ▶ Research gaps in biodiesel commercialisation  
 ▶ Successful technologies for growing sustainable biodiesel crops  
**Dr Alok Adholeya**, Director of Biotechnology, **TERI**, India

09.35 - 11.00

## Regional Biofuels Production Case Studies

A practical session looking at how producers are coping with feedstock prices and how they can produce them cost effectively.

### Biodiesel in India - A Producer's Experience

- ▶ Mint - an introduction
- ▶ Biodiesel production - our experience
- ▶ Various bottlenecks
- ▶ Areas that need improvements
- ▶ Biodiesel future for India

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

### Diversification from Commercial Vehicles to Biodiesel Production

- ▶ Opportunities envisaged in the biodiesel sector
- ▶ Feedstocks
- ▶ Product offtake

**Ramesh Santhanam**, Vice President, **Ashok Leyland**

### Developing Biodiesel in India

- ▶ Integrated Biofuels plant
- ▶ Feedstock's - palm, soya & jatropha, domestic and imported
- ▶ Capacity
- ▶ Co products

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

Interactive Discussion Session with Speakers

11.00 Networking Refreshment Break

11.30 - 13.00

### Selling into the Indian Domestic Market

**N Satish Kumar**, Managing Director, **Southern Online Biotechnologies**

### A Unified Approach to Ethanol Production

- ▶ Stakeholders working together to manage growth
  - ▶ The need to balance supply and demand
- Speaker to be announced

## Downstream Logistics

How can biofuels enter the fuel distribution network and what are the issues for auto manufacturers?

### Challenges in Blending Biofuels into Conventional Fuel

- ▶ Effects of Biodiesel and bioethanol on conventional fuel
- ▶ Storage and handling
- ▶ Importing vs. domestic production

**Dr. M A Siddiqui**, General Manager (R&D), **Bharat Petroleum**

### Integrating Biofuels into a Traditional Petroleum Business

**Robert Visco**, Operations Manager, **Philippine National Oil Company Alternative Fuels Corporation**

Interactive Discussion Session with Speakers

13.00 Networking Lunch Break

14.00 - 15.15

## Transport Sector Developments

### Meeting Quality Assurance Standards for Automakers

- ▶ Blends, durability and emissions
- ▶ What are the current standards?

**Shogo Saegusa**, Deputy General Manager, Global Government Affairs Department, **Nissan** & Co-Chairman of Fuels and Lubricants Committee, **Japan Automobile Manufacturers Association**, Japan

### Automotive & Tractors Biodiesel Case Study

Mahindra & Mahindra are launching their first biofuel powered vehicles for commercial use by year end. The company is confident of fitting the new engines to all its existing models and is in the advanced test phase for B-100 (biodiesel) engines.

**Dr Arun Jaura**, Chief Technology Officer, Office of Innovation and Global Advanced Technologies, **Mahindra and Mahindra**, India

### Reducing Car Emissions - The Role of Biofuels

- ▶ Adaptations required
- ▶ Consumer opinions
- ▶ Engine impacts

**Shigeki Kobayashi**, Research Planning Office, **Toyota Central R&D Labs**, Japan \*

Interactive Discussion Session with Speakers

15.15 Networking Refreshment Break

15.40 - 17.00

## What Does the Future Hold for Biofuels in Asia?

How will the biofuels markets evolve in terms of next generation refining and production platforms, new feedstocks sources and economics.

### Looking to the Future - Cellulosic Ethanol

- ▶ The promise and potential of cellulosic conversion
- ▶ Technology developments around the globe
- ▶ Cellulosic ethanol as a viable alternative feedstock
- ▶ Assessing the potential in Asia

**Dr James Watson**, Energy Evangelist, **Pure Power Asia**

### Microalgal Production Systems

- ▶ Second generation technology aimed at producing feedstock for Biodiesel production
- ▶ Development timeline
- ▶ Carbon sequestration benefits
- ▶ Wastewater treatments

**Rob Thomas**, Chief Scientist, Sustainable Solutions, **South Australian Research and Development Institute**, Australia

### Closing Discussion

## What Does the Future Hold for Biofuels in Asia?

17.00 Close of Conference

(\* awaiting final confirmation)

## Upcoming Biofuels Markets Events

**Biofuels Markets Americas:** May 2008, Miami

**Biofuels Markets East Africa:** September 2008, Tanzania

**Biofuels Congress:** September 2008, Buenos Aires

**Next Generation Biofuels Markets:** October 2008, Europe

**Biofuels Markets Africa:** November 2008, Cape Town

**World Biofuels Markets:** March 2008, Brussels

## New Biofuels Feedstocks, Expert Masterclass, 9th June 2008

Feedstocks are the key cost component of the current first generation biofuels industry and with the current high prices producers must find new sources of feedstocks in order to ensure the future sustainability of their businesses.

This feedstock masterclass will investigate the relative advantages and disadvantages, plantation & production characteristics, yield variances and earning potential of some of these evolving feedstocks. The speakers will each provide an indepth case study expertise of their learnings (each session will be 45 minutes - 1 hour long). **Pongamia, Jatropha & Algae** are covered.

Expert Masterclass Leaders:

**Pongamia Expert:** **K W Kekane**, Director, **Mint Biofuels**

**Algae Expert:** **Rob Thomas**, Chief Scientist, Sustainable Solutions, **South Australian Research and Development Institute**

**Jatropha Experts:** Senior Representative, **D1 Oils**

**Dr R Rajagopal**, Chief Commercial Officer, **KnowGenix**

Timings: Registration: 09.00      Start: 09.30      Ends: 16.30



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Now in it's 3rd year, Biofuels Markets Asia offers an integrated solution of brand positioning, business development and face-to-face networking opportunities with senior decision makers.

### Connecting you with the right people: Over 450 delegates have attended previous editions

With a proven track record of delivering high calibre biofuels producers, Biofuels Markets Americas provides the perfect environment for you to do business with project developers from across the Americas under one roof.

### First class business opportunities

- ▶ Generate new high level business contacts
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# Biofuels Markets Asia

9-11 June 2008

Hyatt Regency Delhi, New Delhi, India

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<b>Standard Rates</b>	<input type="checkbox"/> US 1599	<input type="checkbox"/> US 1299	<input type="checkbox"/> US 699
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