

2007 biofuels & feedstocks

PHILIPPINES

23 - 24 May • Manila
Edsa Shangri-La Hotel

Opening Address by
President Gloria Macapagal-Arroyo
of the Republic of Philippines

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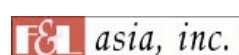
Philippine Department
of Energy

FROST & SULLIVAN

“Surging Biofuels Production – Prospects for Asian Exports”

- PNOC Alternative Fuels Corp.
- ED & F Man
- LMC International
- Frost & Sullivan
- Philippine Department of Energy
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Day 1 23 May, Wednesday

- 8.00 Registration & Coffee
- 9.00 Welcome Message & Introduction of the President
Renato S. Velasco, Chairman
PNOC Alternative Fuels Corp.
- 9.10 **Presidential Address:**
H.E. President Gloria Macapagal-Arroyo
- 9.25 Tea Reception
- 10.00 **Keynote Address I:**
THE PHILIPPINE ENERGY SCENARIO AND THE BIOFUELS POLICY
Hon. Raphael P.M. Lotilla, Secretary
Philippine Department of Energy
- 10.30 **Keynote Address II:**
PNOC-AFC BIOFUELS ROAD MAP
Peter Anthony A. Abaya, President & CEO
PNOC Alternative Fuels Corp.
- 11.00 **GLOBAL BIOFUELS OUTLOOK**
 - Policies, Markets, Challenges and Barriers
 - Prospects for Asian exportsNicolas Lebard, Managing Director
ED & F Man
- 11.30 **MARKET OUTLOOK & AVAILABILITY OF BIOFUELS FEEDSTOCKS**
 - Supply/demand outlook for oils and grains used for biofuels production
 - Comparison of feedstocks – economics & quality
 - Feedstock sustainability strategies
 - Risk managementPhilip Digges, Director of Business Development
LMC International
- 12.00 **OIL MAJORS' ROUND TABLE DISCUSSION: BIOFUELS' ROLE IN THE ENERGY MIX**
Panelists:
 - Francis Glenn Yu, President
Seaoil Philippines, Inc.
 - Ramon F. Villavicencio, Chairman
Flying V*and others to be confirmed*

12.45

Discussion followed by Luncheon

hosted by



2.15

Chairman's Remarks

Investing in the Philippines

2.20

THE PHILIPPINE BIOFUELS ACT OF 2006 AND ITS FRAMEWORK

Director

Department of Energy

2.40

FINANCING OPTIONS & STRATEGIES FOR BIOFUELS PROJECTS

Development Bank of Philippines

3.00

FISCAL INCENTIVES FOR BIOFUELS PROJECTS

Board of Investments

3.20

Discussion followed by Refreshment Break

Focus on Jatropha

4.00

MANAGING COSTS, YIELD & PRODUCTIVITY

- Innovations in extraction / processing
- Quality & characteristics of FAME using jatropha oil
- Factors to consider in managing large scale plantation

Satish Lele, Technical Director

Sai Petrochemicals Private Ltd.

4.30

CULTIVATION, PROSPECTS & CHALLENGES

- Plantation material
- Spacing, Fertilisers, Irrigation, Pests and diseases, Pruning, Harvesting, Inter crops
- Risk mitigation
- Large scale cultivation

Sreenivas Ghattay, Managing Director

Tree Oil India Ltd.

5.00

JATROPHA BIODIESEL – MYANMAR'S EXPERIENCE

- Plantation experience
 - Extraction/Processing
- U Sein Thauung Oo, Chairman

Myanmar Chemical Engineers Group 1

5.30

PLANNING & CONCEPTUALISATION OF JATROPHA BASED PROJECTS

Clovis T. Tupas, Operations Manager
PNOC Alternative Fuels Corporation

6.00

Discussion followed by End of Day One

1815 – 1930 hrs. *Cocktail Reception*
for Speakers & Delegates

Day 2 24 May, Thursday

9.00

Chairman's Remarks

9.05

FUTURE OUTLOOK FOR BIODIESEL ACROSS THE VALUE CHAIN

- Current state of market - opportunities and risks
- Future market and supply/demand balance
- Technology & feedstock developments
- Storage and Logistics Developments
- Winners and Losers

Chris de Lavigne, VP Growth Consulting,
Industrial Practice, AP

Frost & Sullivan

9.35

OUTLOOK & DEVELOPMENT OF BIODIESEL IN PHILIPPINES

- Feedstock strategies
- Sales & Marketing

10.05

ETHANOL & ITS IMPACT ON MOLASSES TRADE

10.35

Discussion followed by Refreshments

11.15

SWEET SORGHUM BASED ETHANOL PROJECT

- Characteristic of ethanol from sweet sorghum
- Cost & economics
- Sustainability of feedstock
- Technology update

William Dar, Director General

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)

11.45	POTENTIAL & DEVELOPMENT OF CELLULOSIC ETHANOL Senior Representative Novozymes
12.15	VIABILITY OF BIOFUELS AS ALTERNATIVE FUELS FOR CAR ENGINES
12.45	Lunch
2.00	PROSPECTS & CHALLENGES OF BIOMASS & BIOFUELS USAGE IN POWER GENERATION • Various technologies and options available • Prospective segments suited for such applications Jason B.K. Soon Business Development Manager (Asia Pacific) SunTechnics Energy Systems Pte Ltd.
2.30	BIOFUELS SUPPLY CHAIN MANAGEMENT • Blending issues • Storage and handling • Trade flow Henri J. Bardou, Managing Director Vertical Asia Pte Ltd.
3.00	BIOFUELS BLENDING & SPECIFICATIONS • Key aspects of quality control in the production of Biodiesel & Bioethanol • Understanding and meeting biofuels specifications in US and Europe Senior Representative SGS
3.30	SHAPE OF THE FUTURE BIOFUELS INDUSTRY • Current, emerging and potential future technologies for biofuels production • Key drivers for implementation and techno-economic considerations • Lessons from the western world and how Asia should progress Tony Regan, Senior Consultant Nexant
4.00	Final discussion followed by Closing Tea
4.30	End of conference

The growth of the global biofuels market has been driven by government incentives and volatile fossil fuel prices. Governments around the world have promoted the use of biofuels in order to reduce air pollution and the reliance on imported fossil fuels, as well as to promote their agricultural industry.

Asia is especially abuzz with biofuels!

“Philippines Biofuels Act mandates the blending of 1% Biodiesel in all diesel products sold by April '07 and 5% ethanol blend in all gasoline products by Jan '09’.”

“Indonesia is targeting a 10% domestic usage of biofuels by 2010”

“Malaysian government has approved 52 biodiesel licences, with a cumulative capacity of 5 mn tons”

“Natural Fuel invests US\$130 Million to build world’s largest biodiesel facility in Singapore”

Sugarcane, corn, and cassava are eyed for ethanol production, while biodiesel rely on palm (used in Malaysia, Indonesia) and coconut (used in Philippines) as the feedstock. These agricultural crops are major food sources and also have industrial uses. With increasing demand from ethanol and biodiesel production, will there be enough supply to fulfil all uses?

New crops, like **sweet sorghum** for bioethanol, and **jatropha** for biodiesel are showing great promise as alternative feedstocks. Big plans are in place for large scale plantations of the two crops. Looking into the future, **lignocellulosic** feedstock poses great potential because it reduces greenhouse

gas emissions (GHG) by 85% over reformulated gasoline, much higher reduction compared to starch ethanol’s production plus it does not compete with food source.

CMT’s Biofuels & Feedstocks Philippines will bring together the most influential people in the Biofuels industry to discuss the development and growth of biofuels. This conference goes beyond just providing information, it is where serious business takes place in a conducive environment.

Conference highlights:

- **Biofuels framework and fiscal incentives in the Philippines**
- **Global Biofuels Markets - Policies, Markets, Challenges and Barriers**
- **Price, Supply, Economics and Quality analysis of various biofuels feedstocks**
- **Biofuels supply chain – blending, storage & handling**
- **Ethanol and its feedstock options and supply**
- **Round table discussion by Oil companies’ on their strategies in Biofuels**

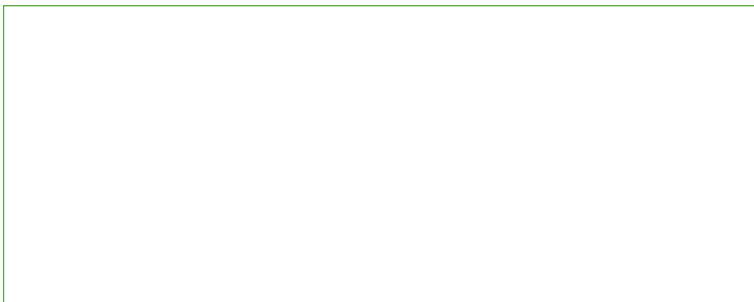
There will also be a half day focus on Jatropha Cultivation and Processing. Jatropha experts from India, Myanmar and Philippines will highlight important issues concerning this non-edible oil.

Mark your calendar to be at this premier gathering of key industry players. **Sign up with your team to enjoy attractive group discount.** Early birds get rewarded too!

Register online at www.cmtevents.com or enquire with vynn@cmtsp.com.sg

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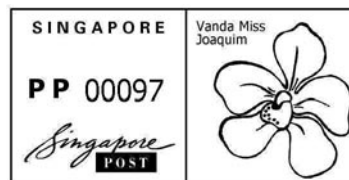
CMT has arranged special discounted room rate at USD110++ (Superior Single Room) / USD120++ (Superior Double Room) per room per night, inclusive of 1 daily breakfast (subject to room & rate availability) for delegates at **Edsa Shangri-La, Manila**. Please reserve your room with the hotel directly, providing full credit card number and expiry date to:

Ms. Owen Samonte, Senior Events Manager, **Edsa Shangri-La, Manila**

1 Garden Way, Ortigas Center, Mandaluyong City, 1650 Philippines

Phone: 632 636 9067 Fax: 632 632 7335 Email: owen.samonte@shangri-la.com

Cut off Date for Room Booking: 7 May 2007



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

	1 Person	Group fee for 3 or more* (from the same company)
Early Bird Fee *Register & Pay before 22 Apr. 07	USD1,195 (SAVE USD100)	USD995 (MIN SAVINGS OF USD900)
Regular Fee	USD1,295	USD1,095 (MIN SAVINGS OF USD600)

* 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.

Photocopy Registration Form to Preserve Brochure Copy. May 2007

A to Z of Ethanol

11 - 12 April 2007 • Singapore

"Technical, Economic & Blending Aspects of Ethanol Production from various feedstocks"

BioRefintec

24 - 25 April 2007 • Amsterdam

"Opportunities for Biomass applications in Refineries & Investments in Biorefinery Technologies"

BIOPolymers Markets

15 - 16 May 2007 • Hong Kong

"Growing the bioplastics industry - what's next?"



7 - 8 June 2007 • Singapore

"Tackling the Blending, Shipping, Storage & Trading Aspects of Ethanol and Biodiesel"

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