

Program topics, speakers and schedules listed herein are confirmed as at printing time.  
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# BiomassWorld

Forum on Biomass conversion to Power, Gas and Liquid Fuels

23 – 24 September 2008  
Hilton Hotel, BEIJING

*“Sustainable usage of agricultural residue & waste for power generation and cellulosic biofuels”*

Genecor  
Range Fuels  
Almoiz Industries  
National Bio Energy  
Covanta Power  
Nexant  
PhilBIO  
Malaysian Palm Oil Board (MPOB)  
AES Renewable Energy

Climate Change Capital  
MPPL Renewable Energy  
N. Power  
Fulbright & Jaworski  
China National Cereals,  
Oils & Foodstuffs (COFCO)  
Pure Power Global  
Taiwan Cellulohols  
Pöyry Engineering

promotion partners



supporting association



## Day 1

Tuesday, 23<sup>rd</sup> September 2008

- 8:00 Registration & Coffee
- 9:00 Chairman's Welcome and Remarks
- 9:10 **CELLULOSIC ETHANOL PRODUCTION EXPERIENCE IN THE US AND OPPORTUNITIES IN CHINA**
- Progress of Range Fuels' first commercial cellulosic ethanol project in Georgia, USA
  - Market assessment of China/Asia
- Bill Scafer, Senior Vice President, Business Development  
**Range Fuels, Inc.**
- 9:45 **PROGRESS OF AGRICULTURAL & FORESTRY BIOMASS TO POWER GENERATION IN CHINA**
- Current progress in the utilization of Agricultural and Forestry Biomass Energy
  - Foreign direct-fired biomass power generation technology
  - Future tasks
- Zhuang Huiyong  
S&T Development Dept. Manager  
**National Bio Energy Co. Ltd.**
- 10:20 Discussion followed by Coffee
- 10:50 **CHINA'S PLAN FOR BIOMASS TO ENERGY**
- 11:20 **ASSESSMENT OF WASTE-TO-ENERGY APPLICATIONS IN ASIA PACIFIC**
- Current plants in Asia pacific
  - Energy efficiency criteria in the Waste Framework Directive
  - Financing model, Financial/Risk management and Carbon Mitigation options
  - Total costs of ownership: Comparison between Waste to Energy and land filling
- Abraham Shu, Vice President  
– Business Development, Asia  
**Covanta Power International Holdings**

- 11:50 **PROSPECTS OF BIOMASS TO LIQUID FUELS – PROCESSING COST ANALYSIS, ECONOMICS AND GEOGRAPHICAL MERITS**
- Competition for biomass resources from power, biogas, cellulosic biofuels
  - Availability & Types
  - Feedstock economics for biomass conversion
- Bruce F. Burke, Vice President  
Dr Larry Song, Manager, Energy Resources  
**Nexant Inc.**
- 12:20 **WASTE PALM BIOMASS-BASED POWER GENERATION IN MALAYSIA – PROJECTS, ECONOMICS & CONSTRAINTS**
- Ir. N. Ravi Menon, Senior Research Fellow  
**Malaysian Palm Oil Board, MPOB**
- 12:45 Discussion followed by Lunch
- 2:00 **ECONOMICS OF BIOMASS POWER GENERATION & COGENERATION (CHP)**
- Landscape – where are the projects?
  - Main considerations for structure
  - Practical “choke issues” – technology, fuel, finance?
- William I.Y. Byun, Managing Director  
Asia & Middle East  
**AES Renewable Energy**
- 2:30 **POTENTIAL FOR SUGAR CANE BAGASSE & OTHER BIOMASS POWER GENERATION PROJECTS IN PAKISTAN**
- Economic viability and regulatory Environment
  - Technical and logistical hurdles
  - Almoiz's experience as first biomass project of significant size
- Nauman Ahmed Khan, Executive Director  
**Almoiz Industries Limited**
- 3:00 **EXECUTING LARGE BIOGAS PROJECT MANAGEMENT IN SOUTHEAST ASIAN MARKETS**
- Advanced anaerobic reactor technology and current installed projects
  - Methane gas recovery systems & ROI
- West Stewart, President  
**PhilBIO, EVP, Asia Biogas Corp**

- 3:30 Discussion followed by Tea
- 4:00 **BIOMASS TO CELLULOSIC ETHANOL IN CHINA**
- Yue Guojun, Head of Bio-Energy Business  
**China National Cereals, Oils & Foodstuffs (COFCO)**
- 4:30 **TECHNOLOGICAL ADVANCES IN CELLULOSIC ETHANOL**
- Senior Representative  
**Genencor**
- 5:00 **INDUSTRIAL BIOREFINERY IN ASIA'S PULP/PAPER INDUSTRY**
- Dr. Marita Veringa Niemelä  
Vice President Biofuels  
**Pöyry Engineering**
- 5:30 **FINANCING BIOMASS POWER GENERATION PROJECTS & CDM IN ASIA PACIFIC**
- Andrew Aldridge, Vice President  
Carbon Finance  
**Climate Change Capital**
- 6:00 Discussion followed by End of Day 1

1810 – 1910 hrs.

*Networking Reception*  
for all participants

## Day 2

Wednesday, 24<sup>th</sup> September 2008

- 9:00 Chairman's Remarks
- 9:10 **INDIA: LOW DENSITY CROPS/BIOMASS RESIDUE COGENERATION PLANT**
- Issues related to sustainable biomass supply chain
  - Biomass technologies overview
  - Modular biomass power plant solutions
- Kolluru Krishan, Chairman  
**MPPL Renewable Energy Pvt. Ltd.**

## MANAGING THE COMPETITION FOR BIOMASS FEEDSTOCK

- 9:40 **RICE HUSK BIOMASS GASIFICATION TO ELECTRICITY GENERATION IN THAI LOP BURI PROVINCE**
- Project management experience
  - Feedstock and logistics challenges
  - Technologies option and CDM
  - Power utilities market and the potential for investment
- Nob Satyasai, President  
**N. Power Co. Ltd.**
- 10:10 **REGULATORY AND CONTRACTING ISSUES IN ESTABLISHING BIOMASS TO ENERGY IN CHINA AND ASIA PACIFIC**
- Jeffrey Blount, Partner  
**Fulbright & Jaworski LLP**
- 10:40 Discussion followed by Coffee
- 11:10 **PRODUCING CELLULOSIC ETHANOL FROM NAPIERGRASS, AGRICULTURAL WASTE AND WASTE TIRES**
- Ang Luteng, CEO  
**Taiwan Celluhols Co. Ltd.**
- 11:40 **WASTE TO FUEL: BIOFUELS & BIOPRODUCTS FROM LIGNOCELLULOSIC WASTE**
- The potential of lignocellulose as the second generation biofuel
  - Processing of lignocellulose
  - Oil palm waste as an example
  - Future potential and bioproducts
- Dr James Watson, Energy Evangelist  
**Pure Power Global**
- 12:10 **ADVANCED CATALYTIC TECHNOLOGIES TO OPTIMISE BIOMASS CONVERSION TO FUELS**
- 12:45 Final Discussion followed by Closing Lunch
- 2:35 End of Conference

Moving away from food crops, biomass energy has now become one of the most dynamic aspects of the modern global energy market with governments around the world seeking to adapt existing renewable policy and regulatory structures to encourage the development of biomass to energy projects.

Plantation owners, refiners, pulp/paper and biofuels producers are integrating biomass as part of the value chain to achieve energy efficiency and cost savings through the production of utilities, liquid fuels and other bioproducts. **Biomass** provides the fuel-switching feedstock option to the power generation sector, answering to the high cost of electricity especially for those with large energy needs and the rural areas. **Lignocellulosic** conversion of biomass such as corn stover to cellulosic ethanol is propelled globally as THE answer to the transportation fuels market, complementing the demand for gasoline.

Covering two major concerns of biomass to energy, thus a must attend event. Mark your calendar to be at this premier gathering of key industry players. Register with you team now!

### YOU WILL NETWORK WITH

- Ethanol/Biodiesel/Biofuels Producers
- Regional Independent Power/Utilities Producers/Companies
- Cellulosic Ethanol Producers
- Regional Plantation Owners / Investors
- Biomass Processing Companies
- Agricultural/Forestry Companies
- Municipal Waste Companies
- Institutional Investors
- Financiers and Venture Capitalist, Project and Finance Managers
- Commodity Brokers and Analysts
- Agrobiotech, Fertilizer & Crop Protection Company Executives
- Biomass and Biofuels Technology and Equipment Suppliers
- Cellulosic Ethanol Technology Providers
- Catalyst & Catalytic Technology Providers
- Enzymes Providers
- Commodity Testing, Inspection and Surveyors
- Agricultural Machine Suppliers
- Environmental Engineers
- Fuel Marketers & Distributors
- Auto-makers, engine and power generating set manufacturers

Attend CMT's **BiomassWorld 2008** for:

- Latest on biomass energy, power generation and cogeneration projects in China, Malaysia, India, Pakistan, Thailand & the Philippines
- Economics of biomass feedstock (**palm EFB, rice husks, sugarcane bagasse, agricultural/forestry residue waste**)
- Assess co-firing, gasification, combustion technologies available to convert agricultural/forestry residue and municipal waste materials
- Grasp first hand information from operator's experience on the execution of large scale biogas projects
- Gain insight (from key US producer) on cellulosic ethanol commercialisation experience and find out what are the current opportunities available in Asia.
- Keep abreast with the latest R&D/ technological advancement in enzymes, catalytic and lignocellulosic technologies to optimize biomass conversion to biofuels and bioproducts.
- Learn about financier's perspective and recommendation for project financing/ funding
- From fuel-switching to biomass conversion, find out the CDM evaluation criteria, and how this can provide additional revenue stream to your project
- Gain access to more than 8 hours of networking opportunities with key stakeholders including regulators, biomass and plantations owners, power and utilities companies, venture capitalists, carbon credits financiers, technology providers and etc



## REGISTRATION

# BiomassWorld

23-24 Sept 2008 / Beijing

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**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)
USD1,695	USD1,295 (MIN SAVINGS OF USD1,200)

\* 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

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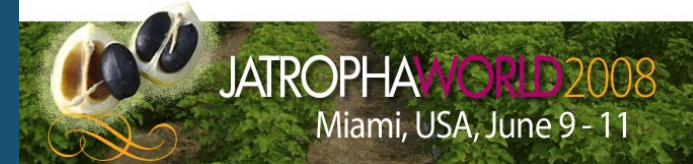
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### CUSTOMISED SPONSORSHIP PACKAGES AVAILABLE

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](mailto:cynthia@cmtsp.com.sg) or (65) 6346 9132.

Photocopy Registration Form to Preserve Brochure Copy. Sept 2008

## CMT'S UPCOMING EVENTS



Opening Ministerial Address by

**Hon. Alberto Cardenas Jimenez**  
Secretary of Agriculture, Mexico

**Authoritative  
Panel of 26 Experts  
on Jatropha  
Commercialization  
& Agronomy**

Supported by



## 3rd BTLtec (Biomass to Liquid)

13-14 October | Gothenburg, Sweden

## 3rd Americas Sugar & Ethanol Trade

16-17 October | Miami, USA

**“High corn prices and its impact  
on the US ethanol producers”**

## AlgaeWorld

17-18 November | Singapore

## Sorghum & Ethanol Summit

20-21 November | Hainan, China

**“Transitional Technologies & Competitive  
Approaches of Biofuels Production”**