

www.cmtevents.com



Biomass & WtE

SHANGHAI / 28 - 29 Oct 2009

Sofitel Shanghai Jin Jiang Oriental Pudong

*“Regional Bio-power & Energy Recovery with
Regulatory and Financial Stimulus”*

WtE ~ Waste to Energy

PT PLN (Persero)
Standard Chartered Bank
Worley Parsons Services Sdn Bhd.
A.T.Biopower
CLP Group
AllGreen Energy
ITC Limited

Prime Energy Investments
China Agricultural University
Tsinghua University
Ministry of Industry and
Trade, Vietnam
Forest Research Institute of
Malaysia (FRIM)

Shandong University
Fulbright & Jaworski LLP
Epuron Asia Pacific
Energy and Environmental
Development Research Center
Covanta Energy Asia Pacific
Novozymes

Alter NRG Corp.
DOE Philippines
MBD Energy
Shanghai Puchen Thermal
Power Energy

promotion partners



supported by



Power & Energy Recovery from Biomass & Waste

Energy from biomass and waste (MSW) has continuously grown in Asia over the last five years, carving a successful niche among other renewable energy technologies. The potential is indisputable, especially when the world is encouraging recycling and low-carbon economy. Thus the 108 million tons of biomass resources in Asia, comprising of MSW, crop and forest residues become feedstock for energy recovery in power generation, cellulosic ethanol and other bio-chemicals.

Funding, availability of efficient, environmentally-friendly technologies and favourable regulatory policy are key drivers of this sector's growth. Preferential project based incentives has to be established, such as guaranteed minimum prices, power purchase agreements with the utility grid, tax credit and etc, in order to fast-track the conversion of biomass and WtE.

CMT's **Biomass & WtE** (Waste to Energy) offers executive panel discussions and interaction, examining issues challenging growth in this sector. Close to 20 industry executives gear up with the most comprehensive updates and case studies, helping you advance your energy recovery projects.

Attend CMT's Biomass & WtE for:

- Regulators' & power companies' roles in promoting renewable energy
- How concessionary agreement can accelerate growth.
- Grasp first hand tips on countries' electricity tariff, pricing & subsidies for renewables
- Assess current project financing options
- Projects from **India, China, Thailand** on value chain management
- COFCO & Sinopec's pilot plant in cellulosic ethanol
- Cross examine issues on biomass handling and **biocoal**
- How **Sweet Sorghum** can be "fully exploited" for biofuels, animal feeds and feedstock for power
- Benefit from **Algae** cultivation session, on CO2 capture & application into fuels & bio-chemicals
- Keep abreast with the latest in biorefinery concept & where is this happening in China
- Extensive networking sessions to forge business deals and alliances

Sign up with your team to enjoy attractive group discount. Register online @ www.cmtevents.com with your team.

Day 1 - Wednesday, 28 October

- 08:00 Registration & Coffee
- 09:00 Chairman's Welcome & Remarks
- 09:10 **Cleantech Investments in Asia: A Practitioner's View**
- Areas of investment opportunities in RE & clean tech
 - Key challenges
 - CLP's experiences in RE & clean tech investments
- Joseph Jacobelli, Group Director – Carbon Ventures, CLP Group*
- 09:40 **WtE Project Financing in Asia**
- Key Lending Considerations
 - Case Study: Financing a WtE plant in China
- Chong Wee Yeat, Associate Director, Standard Chartered Bank (China)*
- 10:15 Coffee & Networking Session
- 10:45 **Promoting Bio-Energy from Agricultural Biomass & Municipal Solid Waste (MSW)**
China
- Indonesia - Ario Senoaji, Vice President Alternative/Renewable Energy PT. PLN (Persero)
- Philippines - Fortunato S. Sibayan
Renewable Energy Management Division, DOE
- India - Shirish Garud, Fellow & Area Convenor
Renewable Energy Technology Applications & Co-ordinator
REEEP South Asia Secretariat
- Vietnam - Tran Hong Nguyen, Senior Expert on Energy Planning & Strategy, Department of Energy & Petroleum, Ministry of Industry
- 12:10 **Roundtable Discussion: Accelerating Growth in Asia**
- Electricity tariff, pricing & subsidies
 - Impact of the economic downturn
 - Opportunities & resistance
 - What are best practices in Asia?
- Speakers of the morning*
- 12:30 Discussion followed by Lunch
- 13:45 **Legal/Regulatory Developments & Issues Affecting Projects in China, SE Asia & India**
- Legal & Regulatory Regime
 - Project Approval Requirements
 - Tariff & Cost Allocation Issues
 - Investment Opportunities & Risks
 - Concession Agreements
- Jeffrey A. Blount, Partner-in-Charge, Hong Kong & Beijing Fulbright & Jaworski L.L.P.*

Day 2 Site Visit to Pudong Yuqiao Waste to Energy (WtE) Plant of Shanghai Pucheng Thermal Power Energy Co., Ltd.

1400 - 1700 hrs. (limited to only 50 visitors)

(Visit includes transport to & fro the plant, guided tour around the facility, and briefing on plant operation)

- 14:40 **Investing in Renewable Energy through a Business Trust - A Case Study**
- Challenges in the Asian renewable energy market
 - What investors are looking for
 - Developing an efficient investment solution for small-scale projects
- Carol Tan, Head of Project Finance
Epuron Pte. Ltd.*
- 15:05 **Current Trends in Project Financing Structures**
- 6 current trends in biomass & biogas financing
 - Electricity pricing discount trends & need for price floors
 - Why feedstock owners attract investors
 - BOT contract's attractiveness to hosts for financial & technical risk reduction
 - CDM risk management & financial case for VERs over CERs in China
- Austin Arensberg
Business Development Manager
Prime Energy Investments*
- 15:30 Discussion followed by Tea
- 16:00 **Tapping Bio-Coal from Ample Biomass Feedstock in Tropical China**
- Prof Cheng Xu, Director
of Biomass Engineering Centre
China Agricultural University*
- 16:30 **Capturing CO₂ with Algae Biomass & Harnessing Biofuels: Key Consideration for Project Execution, Economics & Engineering**
- Andrew Lawson, Managing Director
MBD Energy Limited*
- 17:00 **Plasma Gasification Technologies for Clean & Efficient Energy Recovery**
- Senior Representative
Alter NRG Corp.*
- 17:30 Discussion followed by Close of Day 1

Day 2 - Thursday, 29 October (Concurrent Tracks)

Track 1 - Agri-Biomass

- 09:00 Chairman's Remarks
- 09:05 **Ensuring Stable Biomass Supply & Quality for Allgreen's Mega Project**
- Cost economics & trade of biomass as a commodity
 - Feedstock supply, handling & logistics plan/challenges
 - Expanding biomass supply business
- GN Murthy, Deputy General Manager - New Initiatives
ITC Limited - Agri Business Division*
- 09:30 **Executing 10 Biomass Power Plants in India**
- Feedstock, Technologies option & Environmental Economics
 - Project financing & CDM revenue options
 - Incentives from Renewable Energy law
- Anil Lala, Corporate Director, AllGreen Energy*
- 10:00 **Rice Husk Power Plant - Operators Experience**
- Securing supply of rice husk storage & handling
 - Technologies & environmental benefits
 - Incentive for SPP to sell electricity to the grid
 - Monitoring project for CDM - compliance
- Natee Sithiprasasana, CEO, A.T. Biopower*
- 10:30 Discussion followed by Coffee
- 10:50 **Potential & Commercializing Lignocellulosic**
- Progress from joint development project with COFCO & Sinopec on Corn Stover to Ethanol
- Ren Haiyu, Senior Manager
Novozymes (China) Investment Co. Ltd.*
- 11:20 **Potential of Biomass (Corn Cob) based Biorefinery**
- Prof. Dr. Qu Yinbo, Professor of Microbiology, Director
of State Key Laboratory of Microbial Technology,
Dean of Life Science School, Shandong University*
- 11:50 **Biomass for Bioethanol in Malaysia**
- Dato Dr. Abd. Rashid Abd. Malik, Dep Dir-Gen
Research Forest Research Institute of Malaysia (FRIM)*
- 12:15 **Sweet Sorghum – a Non-Food Sugar Crop for Multi-Products (Ethanol, Animal Feed, Fertilizer, etc)**
- Prof Shi-Zhong Li, Professor of Bioenergy
Institute of New Energy Technology
Tsinghua University*
- 12:45 Final Discussion followed by Closing Lunch
- 14:00 End of Conference: Or Assemble at Hotel Lobby for Site Visit (optional)

Track 2 - WtE

- 09:00 Chairman's Remarks
- 09:05 **MSW as an Alternative Fuel & Renewable Energy Source**
- Key drivers & environmental benefits of WtE
 - Major challenges for energy & environmental projects
 - How to advance clean energy & environmental protection
 - Pre-requisites of successful projects, critical success factors & pitfalls to avoid
- Allard Nooy, President
Covanta Energy Asia Pacific*
- 09:30 **Integrated Waste Management & Energy Recovery**
- 10:00 **Development of Large & Middle-Sized Biogas Projects in China**
- Current situation of biogas projects in China
 - Policy framework on facilitating biogas projects
 - Barriers analysis on maintaining operation
 - Recommendation for future development
- Liu Xin, Managing Director, Energy & Environmental Development Research Center*
- 10:30 Discussion followed by Coffee
- 11:00 **RDF WtE Technology for MSW Handling & Separation for Efficient Energy Production**
- The design of the RDF-WtE power plant
 - Experience on technologies employed
 - Legal & environmental considerations
 - Cost benefit analysis
- Bhaskar Kannan, General Manager (Power)
Worley Parsons Services Sdn Bhd*
- 11:30 **CHP & Liquid Fuels from Livestock Wastes**
- 12:00 **WtE through Landfills**
- 12:30 **WtE Project Experience in China**
- Senior Representative
Shanghai Pucheng Thermal Power Energy Co., Ltd.*
- 12:45 Final Discussion followed by Closing Lunch
- 14:00 End of Conference: Or Assemble at Hotel Lobby for Site Visit (optional)

Biomass & WtE

SHANGHAI / 28 – 29 October 2009

On Day 2, I am attending

Track 1 Track 2

091035BEF03 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

If undeliverable, please return to: 80 Marine Parade Road # 13-02 Parkway Parade Singapore 449269

Update your details at www.cmtevents.com



AIRMAIL

Please fax us the completed registration form

Name (Dr/Mr/Mrs/Ms) _____

Company Name _____

Designation _____

Address _____

City/Postcode _____ Country _____

Tel (Home) _____ (Office) _____

Mobile _____ Fax _____

Email _____

The Facts

- **China** steps up its renewable energy use with a 3 trillion RMB stimulus pack, including 30,000MW biomass power projects.
- **India** realises its potential of 16,000 MW in biomass power generation and 2,700 MW from waste to energy, but only 656 MW of grid-connected bio-power were achieved in late 2008.
- **Indonesia's** PT PLN announced that it is ready to buy the electricity generated from biomass and waste to power plants.
- After rolling out the E3 blend, **Japan** is kicking off a three-year feasibility study on E10 of biomass ethanol into gasoline for its transportation market.

You Will Network With

- Producers of Biomass, Biodiesel, Ethanol, Cellulosic Ethanol
- Agriculture/Forestry/Plantation Companies
- Local, Municipal and Provincial Government Reps
 - Biomass & Wood Processing Companies
- Food Processor, Institutional Food Waste Companies
 - Municipal Waste Handling Companies
- Pulp & Paper Companies
- Cement Companies
- Utilities, Power, Distributed Power Companies
 - Fuels and Chemicals Companies
- Project Finance Managers, Investors & Venture Capitalists
- Biomass Traders, Commodity Brokers & Analysts
- Crop Technology, Fertilizer & Crop Protection
 - Pelleting Companies
- Gasifier / Combustion Equipment Suppliers
- Enzymes & Catalyst Providers
- Environmental Engineers
- Automobile, Engine & Power Generation Manufacturers

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@cmtevents.com or (65) 6346 9132.

HOW TO REGISTER

By Internet: www.cmtevents.com
By Email: cynthia@cmtevents.com
By Fax: 65-6345 5928
By Tel: 65-6346 9132

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)
USD1,495	USD1,195 (MIN SAVINGS OF USD900)
<input type="checkbox"/> Site Visit ~ USD50 (please tick for site visit)	

* 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.

PAYMENT

By Telegraphic Transfer

Account Name: Centre for Management Technology
A/C No: 251 - 004487 - 178
Bank: HSBC Singapore
Branch: Marine Parade, Singapore
Swift Code: HSBC SCGS

TT must include additional USD21 for Beneficiary's Bank charges. Delegates must bear all bank charges and local taxes (if applicable). Fees must be NETT of ALL charges.

CONFERENCE VENUE

CMT has arranged special discounted room rate at RMB 1200 nett (Single/Double) per room per night inclusive of 1 daily American Breakfast (subject to room & rate availability) for delegates at **Sofitel Shanghai Jin Jiang Oriental Pudong Hotel**. Please reserve your room with the hotel directly, quoting the name "CMT1027" and providing full credit card number and expiry date to:

Rejoyce, Reservations
Sofitel Shanghai Jin Jiang Oriental Pudong
 889 Yanggao Nan Road
 Pudong Shanghai 200127, China
 Phone: 86 21 5050 4888-6626
 Fax: 86 21 5050 4895
 Email: reservation@sofiteljioriental.com
 Cut off Date for Room Booking: 5th October 2009