



## Day 1 - May 18<sup>th</sup>, Monday



### Full Day Pre-Conference Workshop (9:00 - 17:00hrs.) [ English only ]

#### Biomass Application in Co-Firing & Dedicated Power Generation

##### Workshop outline:

1. Introduction to Bioenergy & Co-Firing
2. Technical Challenges & Solutions in Biomass Co-Firing & Dedicated Biomass Power
3. Choosing the Smart Approach in Co-Firing & Dedicated Biomass Power
4. Case Examples: Lab-Scale & Full-Scale Investigations of Biomass Application in PF-Infrastructure

Workshop conducted and facilitated by Biomass Experts, **Energy Research Centre of the Netherlands (ECN)**

##### Objectives of this workshop:

To provide an techno-economic discussion of the challenges in co-firing biomass in the current (and the next generation) coal-fired power generating infrastructure and how to overcome these.

##### Who should attend this workshop (Target audience):

Plant operators, suppliers of boiler and combustion technology, biomass producers, biomass processors, biomass users, power utilities, industrial energy plants operators, biomass sourcing specialists, consulting engineers, insurance companies, research institutes and etc.

## Day 2 - May 19<sup>th</sup>, Tuesday

08:00 Registration and Coffee

09:00 Chairman's Welcome & Remarks

09:10 **Japan's Feed-In Tariff (FIT) & Expectation for Renewable Biomass Power**

09:40 **Japanese Biomass Potential in Power Generating Industry**  
*Yoshinobu Kusano, General Manager  
Biomass Business Team  
Sumitomo Corporation*

10:10 **2015 & Beyond: Japan's Need for Imported Biomass**  
• Japan in 2015: Projects and sources  
• Importing Biomass: Wish lists and reality  
• Biomass supply: Jockeying to meet Japan's needs  
*Matt Boveland  
Senior Consultant Bio Solutions  
Indufor Asia Pacific Ltd*

10:40 Discussion followed by Networking Refreshments

11:20 **Biomass Availability within Japan – Development of Domestic Biomass Supply (from Forestry, Pulp & Paper Mills, etc) for Energy/Power Generation Purposes**  
*Miyuki Tomari, President  
Biomass Industrial Society Network (BIN)*

11:50 **Biomass Supply & Demand in the International Markets - A Broker's & Trader's Perspective**  
*Cindy Dawes, Director  
PVM Oil Associates Ltd. - London*  
*Paul Selders,  
Nollen Group*

12:20 **Regulation of Renewables in Japan: Biomass & Other Alternatives to Solar**  
• Is the legal framework sustainable?  
• Japan's experience to date  
• Outlook for the future  
*Arthur Mitchell, Senior Counsellor  
White & Case*

12:55 Discussion followed by Networking Lunch

14:20 **The Soft Energy Revolution Towards Japan 2020**  
*Spanner Re<sup>2</sup>*  
*Dr. Oskar Bartenstein, CEO  
Spanner KK*

14:50 **Potential Business Opportunities for Wood Pellets in Japan**  
*Shintaro Ikeda, Assistant Manager,  
Energy Trading Dept.  
Sojitz Corporation*

15:20 **Operational Updates of FESCO's Biomass Power Plants**  
*Hiroki Mori  
Technology Management Division  
First Energy Service Co. Ltd. (FESCO)*

15:50 Discussion followed by Networking Refreshments

16:20 **Tapping on the Resources in the Pulp & Paper Production for Biomass Power Generation**

16:50 **Outlook of Japan's Wood Chip Market – Pricing, Trade Flow & Key Trends**

17:30 Discussion followed by End of Day 1

17:45-18:45 **Networking Cocktail Reception**  
for Speakers & Delegates

## Day 3 - May 20<sup>th</sup>, Wednesday

09:00 Chairman's Remarks

09:05 **Multi-Fuel Feed Systems for Typical Multi-Biomass Fuel Power Plants – Key Considerations, Technology & Economics**

09:35 **Waste to Energy Growth Development & Economics in Japan**  
*Michael Paik, General Counsel  
EnerOne, Inc.*

10:05 **Conversion from Coal to Large Scale Biomass Co-Firing Unit: Feasibility & Technical Challenges Involved**  
*Edze Diemer, Business Developer,  
Biomass & Energy Efficiency  
Energy Research Centre of the Netherlands (ECN)*

日本バイオマス発電事業会議

# Japan Biomass Power Market

18 – 21 May 2015, Tokyo (Hilton Tokyo)

会議は日本語英語  
同時通訳を提供します。  
The conference will provide a  
Japanese-English simultaneous interpretation



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- 10:35 Discussion followed by Networking Refreshments
- 11:00 **Japanese Traders' Perspective on the Biomass Imports - How can Trading Houses Support the Utilities' Demand/Requirement?**
- 11:30 **Specification Development & Challenges of the Japanese's Requirement for Imported Wood Pellets & Other Biomass**  
*Siu Hong Lee, CEO  
Control Union Certifications Korea Co., Ltd.*
- 12:00 **Evaluating Competitive Biomass Supply for Japan**

**A. Wood Pellets**

**B. Black Pellets**

## C. Trends in Achieving a Better Pellet Products

- Value Addition through Concentrating Energy Density & Decreasing Moisture Content
- Economics of Heat Technology: Calorific Value-to-Cost
- Sourcing high-quality pelletizing machinery
- Pelletizing woody biomass vs non-woody biomass

*Joseph Lim, CEO  
Global Green Synergy Sdn. Bhd.*

- 13:20 Discussion followed by Closing Lunch
- 14:25 End of Conference



SEPARATELY BOOKABLE

## Post-Conference Workshop & Dinner

(14:30 - 20:30hrs.)

[ English only ]

## Doing Business in Japan's Biomass Power Sector

14:30-17:00 **Doing Business in Japan's Biomass Power Sector**

17:00-20:30 **Adjourn to Kirin Beer Port Restaurant for BBQ Dinner & Kirin Beer**



SEPARATELY BOOKABLE

## Biomass Power Plant Visit to Chubu Electric's Hekinan Thermal Power Station

Full Day Trip (07:00 - 19:00hrs.)

[ English & Japanese ]

- 07:00-11:00 **Departing Hilton Tokyo**
- 11:00-13:30 **Arrival at Chubu Electric's Hekinan Thermal Power Station, Explanatory Presentation & Plant Tour (Including the Biomass Handling Facility)**
- 13:30-15:30 **Depart for Nagoya & Lunch**
- 15:30-19:00 **Depart for Hilton Tokyo**

## WHO YOU WILL MEET?

Wood Pellets & Wood Chips Producers & Traders | Palm Oil & Sugar Mill Owners | Aggregators & Marketers for Agricultural Residues (PKS, EFB, Sugar Bagasse, Rice Husk) | Power Utilities, IPP, Industrial Power & CHP Plants | Agriculture, Forestry, Plantation Companies | Commodity Brokers & Analysts | Wood Processing | Shipping & Brokers (DryBulk) | Government / Regulators | Pulp & Paper, Pelletizing Equipment / Technology Companies | Trade / Project Financers | Emission/ CDM Traders | Environmental Engineers

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Program details published herein are confirmed as at 24/03/2015.  
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Date	Activities	Fee (per person)	Bundle Fee (per person)
18 May	<b>Pre-Conference Workshop</b> <i>Biomass Application in Co-Firing &amp; Dedicated Power Generation</i>	USD795	<b>Pre-Conference Workshop</b> + <b>Main Conference</b> + <b>Post-Conference Workshop</b> + <b>Site Visit</b>  <b>USD2,585</b> (Save Up to USD595 per person)
19 - 20 May	<b>Main Conference</b>	<b>Regular Fee - USD1595</b> <b>Group Fee - USD1195*</b> <small>* 3 or more from same co.</small>	
20 May (PM)	<b>Post-Conference Workshop</b> <i>Doing Business in Japan's Biomass Power Sector</i>	USD195	
21 May	<b>Site Visit</b> Chubu Electric's Hekinan Thermal Power Station	USD595	
<b>Pay Online By 19</b> April with Visa/MasterCard & <b>SAVE USD75</b> (per person). Not applicable with any other discount. ^^ <b>Open to Conference Attendees Only</b>			