

日本バイオマス発電事業会議

Japan Biomass Power Market

18 – 21 May 2015, Tokyo

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ENERONE

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into our 32nd year

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Day 1 - May 18th, Monday

SEPARATELY BOOKABLE

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

Biomass Application in Co-Firing & Dedicated Power Generation

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

Objectives of this workshop:

To provide a 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.

09:00 Introduction to Bioenergy & Biomass Co-Firing

Dr. Mariusz K Cieplik
Project Manager, Biomass and Energy
Energy Research Centre of the Netherlands (ECN)

10:30 Technical Challenges & Solutions in Biomass Co-Firing & Dedicated Biomass Plants

Dr. Mariusz K Cieplik
Project Manager, Biomass and Energy
Energy Research Centre of the Netherlands (ECN)

12:45 Lunch Break

13:30 Choosing the Smart Approach in Co-Firing

With Case Examples: Lab-Scale & Full-Scale Investigations of Biomass Application in PF Infrastructure
Dr. Mariusz K Cieplik
Project Manager, Biomass and Energy
Energy Research Centre of the Netherlands (ECN)

15:00 Choosing the Smart Approach in Dedicated Biomass Power Plant

Dr. Mariusz K Cieplik
Project Manager, Biomass and Energy
Energy Research Centre of the Netherlands (ECN)

16:30 Discussion & Round Up

17:00 End of Workshop

Day 2 - May 19th, Tuesday

08:00 Registration and Coffee

09:00 Chairman's Welcome & Remarks
Matt Boveland, Senior Consultant Bio Solutions
Indufor Asia Pacific Ltd

09:10 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

09:40 Japan Woodchip Market and Outlook - Update on Biomass Markets in Japan

Kiyoshi Kamikawa, Managing Director
Japan Paper Association

10:10 Japanese Biomass Potential in Power Generating Industry

Yoshinobu Kusano
General Manager, Biomass Business Team
Sumitomo Corporation

10:40 Discussion followed by Networking Refreshments

11:20 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

11:55 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)

12:30 Discussion followed by Networking Lunch

14:00 Afternoon's Chairman
Takanobu Aikawa, Chief Analyst
Mitsubishi UFJ Research and Consulting Co., Ltd.

14:05 Biomass Supply & Demand in the International Markets - A Broker's & Trader's Perspective

Cindy Dawes, Director
PVM Oil Associates Ltd. - London
Paul Selders, Partner
Nollen Group b.v.

14:30 The Soft Energy Revolution Towards Japan 2020

Spanner Re²
Dr. Oskar Bartenstein, CEO
Spanner KK

15:00 Discussion followed by Networking Refreshments

15:30 Commercialization of Black Pellet - Cost Effective Replacement of Coal in the Japanese Market

Shintaro Ikeda
Assistant Manager, Energy Business Dept. 2
Sojitz Corporation
Arne Erik Kristiansen
Strategic Advisor and Partner
Arbafame AS (Partner of Sojitz Corp.)

16:00 Operational Updates of FESCO's Biomass Power Plants

Hiroki Mori, Technology Management Division
First Energy Service Co. Ltd. (FESCO)

16:30 Japanese Traders' Perspective on the Biomass Imports - How can Trading Houses support the Utilities' Demand/Requirement?

Tomoyuki Itabashi
Deputy Manager, Solar & Environment Business
Itochu Corporation

17:00 Discussion followed by End of Day 1

17:15-18:30 Networking Cocktail Reception for Speakers & Delegates

Day 3 - May 20th, Wednesday

08:30 Chairman's Remarks
Dr. Oskar Bartenstein, CEO
Spanner KK

08:35 Case Studies in the Use of Otherwise Unused Wood as Biomass Fuel for Power Generation

- Woody Biomass & Forest Contributions
- New Energy from Biomass-Based Power
- Local Contributions
- Economic Impacts
- Issues with Biomass-Based Power
- Future Potentials

Makoto Takizawa, Director
Green Thermal Co. Ltd.

09:05 Waste to Energy Growth Development & Economics in Japan

Michael Paik, General Counsel
EnerOne, Inc.

09:30 Advantages of Direct & Indirect Co-Firing of Biomass

Edze Diemer
Business Developer, Biomass & Energy Efficiency
Energy Research Centre of the Netherlands (ECN)

10:00 Discussion followed by Networking Refreshments

EVALUATING COMPETITIVE BIOMASS SUPPLY FOR JAPAN

10:30 Specification Development & Challenges of the Japanese's Requirement for Imported Wood Pellets & Other Biomass

Jiro Omura
General Manager of Inspection Division
Control Union Japan Co Ltd

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- 11:00 **Co-firing Black Pellets with Coal in Japan**
Larry Weick
Senior Vice President, Business Development
Zilkha Biomass Energy
- 11:30 **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
 Dato' Joseph Lim Heng Ee, Managing Director
Global Green Synergy Sdn. Bhd
- 12:00 **Suggestions for Sustainability Certification in Japan**
Kiyokazu Ueda, Managing Director
Ekman Pulp & Paper Co., Ltd
- 12:30 Discussion followed by Closing Lunch
- 13:45 End of Main Conference;
Post Conference Workshop Commences at 14:00



20 May 2015 (14:00 - 21:00hrs.) Post-Conference Workshop & Dinner Doing Business in Japan's Biomass Power Sector

Led by:
Nagashima Ohno & Tsunematsu
(One of the "Big Four" law firms in Japan)

- 14:00 **Doing Business in Japan & Japanese FIT Scheme**
 - Business Culture - how to deal with the Japan Regulatory (Governments) and Businesses
 - Basics of Japanese law - contracts, etc.
 - General overview of Feed-In-Tariff Scheme in Japan - including its recent development
 Mr. Hiroshi Fujiwara, Associate
Nagashima Ohno & Tsunematsu
- 14:00 **Doing Business in Japan & Japanese FIT Scheme**
 - Laws & Regulations re construction of Biomass Power Plant
 - Investment structure for foreign investors
 Mr. Kiyoshi Honda, Partner
Nagashima Ohno & Tsunematsu
- 16:30 **Adjourn to Kirin Beer Port Restaurant (By Bus)**
- 18:00 **BBQ Dinner & Kirin Beer**
- 20:00 **End of Dinner, Depart for Hilton Tokyo**
- 15:00 **Biomass Project in Japan**
 - Requirements for Foreign Investment on Biomass Power Plant Project and importing wood pellet

Day 4 - May 21st, Thursday



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

Full Day Trip with the Japan Experience
(07:00 - 19:00hrs, by bus & Shinkansen bullet train)

- 07:00-11:00 **Departing Hilton Tokyo**
(by bus and Shinkansen bullet train)
- 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**
(by bus)
- 15:30-19:00 **Depart for Hilton Tokyo**
(by bus and Shinkansen bullet train)

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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3 Ways To Register

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Tel: **(65) 6346 9218**

Program details published herein are confirmed as at 21/05/2015. Please visit <http://www.cmtevents.com/main.aspx?ev=150514> for latest information on speakers & topics.

Date	Activities	Fee (per person)	Bundle Fee (per person)
18 May	Pre-Conference Workshop ^ ^ Biomass Application in Co-Firing & Dedicated Power Generation	USD895	Pre- Conference Workshop + Conference + Post- Conference Workshop + Site Visit USD2,885 (Save Up to USD1,195 per person)
19-20 May	Main Conference	Regular Fee - USD1,895 Group Fee - USD1,395* <small>* 3 or more from same co.</small>	
20 May (PM)	Post-Conference Workshop ^ ^ Doing Business in Japan's Biomass Power Sector	USD495	
21 May	Site Visit Chubu Electric's Hekinan Thermal Power Station	USD795	
^ ^ Open to Conference Attendees Only			