

7th Biomass Pellets Trade & Power

16 - 19 May 2016, Tokyo
Tokyo Marriott Hotel



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メイン会議は日本語英語同時通訳を提供します

The main conference will provide a Japanese-English simultaneous interpretation

Day One - Monday, May 16th

~ Separately Bookable ~

Pre-Conference Workshop on
Black Pellets
(09:00 - 17:00)

Facilitated by Biomass Experts from
Energy Research Centre of the Netherlands,
ECN & RWE Generation NL

Workshop Agenda

- 08:30 Workshop Registration & Coffee
- 09:00 Introduction; Modern Day Black Pellets & Background
- 10:00 Torrefaction & Steam Explosion Pellets: Advantages & Disadvantages
- 11:30 Current Black Pellets Technology Overview
- 12:30 Workshop Luncheon
- 13:30 Market Developments
- 15:30 Co-Firing of Black Pellets in Pulverized Coal Fired Power Stations
- 16:45 Future Outlook of Black Pellets
- 17:00 Conclusion & End of Workshop

Day Two - Tuesday, May 17th

SUMMIT DAY 1

- 08:00 Registration and Coffee
- 09:00 Chairman's Welcome & Remarks
- 09:10 **Impact of Electricity Market Reform on Japan's Generation Mix**
Miho Kurosaki, Power & Gas Senior Analyst Bloomberg New Energy Finance
- 09:35 **Biomass Opportunities in Japan's Electricity Generation & FIT System**
 - Electricity generation by source & carbon emission pre & post Fukushima disaster
 - Japanese FIT system
 - Actual buying electricity under FIT
 - What Sumitomo has been doing in biomass opportunity*Yoshinobu Kusano
General Manager, Biomass Business Team
Sumitomo Corporation*
- 10:10 Networking Refreshments @ Biomass Pellet Trade & Power Exhibition
- 10:50 **Updates on South Korea's RPS & Biomass Demand/Import Market Outlook**
 - Progress of Emission Trading in South Korea
 - District Heating & Renewable Heat Obligation (RHO) & Opportunities for Domestic/Imported Biomass*Junghun Kim, Manager
EnerOne, Inc.*

- 11:20 **China's Effort to Curb Coal Emission & Corresponding Impact/Opportunities for Biomass Utilisation**
Weiquan Wang, Vice Secretary General China Renewable Energy Industry Association

*Rainy Qian Wei, Asst. GM Sales
Jiangsu Muyang Group Co. Ltd.*

- 12:10 **Japan & Korea: Developments in Policy Instruments & their Impact on Demand for Internationally Traded Biomass**
 - Market developments
 - Demand projections
 - Developments in policy instruments and their potential to impact demand
 - Demand projections revisited: Possible and likely future demand for pellets*Matt Bovelander
Senior Consultant Bio Solutions
Indufor Asia Pacific Ltd*

- 12:40 Networking Luncheon

- 14:00 **Risks along the Wood Pellet Supply Chain** (forest, raw material transportation, manufacturing/pelletizing, shipping to port, storage, ship loading, ocean transportation, unloading and etc.)
*Vaughan Bassett
Senior Vice President, Sales & Logistics
Pinnacle Renewable Energy*

- 14:25 **Biomass Pellets & Power Status in Thailand**
 - Biomass feedstock status & development
 - Domestic demand outlook for biomass power
 - Wood pellet production capacity & export potential*Wattanapong Thongsoi, Managing Director
Tipawat Corporation Limited*

- 14:50 **Vietnam Pellets Biomass**
 - A young growing business with huge potential
 - Prepare for sustainable business with Japan market
 - Right product with a right price to keep the biomass in Asia stable and alive*Andy Bui, International Sales Director
An Viet Phat Energy Co., Ltd*

- 15:25 **Analysis of Palm Kernel Shells (PKS) Market Dynamics: The Impending Supply/Demand Imbalance**
*Oliver Mauss, Managing Director
Asia Resource Partners Pte. Ltd.*

- 15:45 Networking Refreshments @ Biomass Pellet Trade & Power Exhibition

- 16:15 **International Wood Chips Market & Demand Growth for Energy Generation**

- 16:45 **The Fight for Fibre. International Supply & Demand Impacts on the Price of Biomass Supplies into Japan & Korea**
 - Summary of demand for biomass outside Japan and Korea
 - Major supply options into Japan and Korea
 - Potential issues limiting that supply*Cindy Dawes, Director
PVM Oil Associates Ltd.*

- 17:15 **Biomass Supply Panel Discussion**

- 17:45 End of Day 1

17:50 - 18:50
Networking Cocktail Reception
at Biomass Pellets Trade & Power Exhibition

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Day Three - Wednesday, May 18th

SUMMIT DAY 2

08:00 to 09:30 **Breakfast Talk - Solid Biomass Fuel Characteristics & Sourcing Considerations**

1. Biomass Fuel Options

- An examination of wood chips (domestic & imported), wood pellets (white & black), PKS, empty fruit bunches, bagasse, and other options.
- Consider the physical & chemical characteristics of each fuel, and comparative costs.
- Current biomass combustion systems available & determining the best fuel option for each application.

2. Biomass Sourcing Options

- Examine different sourcing regions around the world.
- Look at fibre characteristics, long term sustainability, logistics, social & political risk, and foreign currency risk.
- Environmental and economic considerations in biomass sourcing.
- Options for biomass procurement procedures & contracts.

3. Environmental Benefits of Biomass

- Why is biomass use controversial & why do many NGOs oppose the use of biomass?
- What are the myths & facts concerning greenhouse gas benefits? Why is it important to counter those myths?
- Why is demonstrating biomass sustainability so important & what lessons can be learned from the European experience.

4. Demonstrating Biomass Sustainability

- Why is it not sufficient to rely on laws in the sourcing country?
- What is certification and how did it become established.
- What are the main kinds of certification and how did they become established?
- Recommendations for the Korean and Japanese biomass sectors.

William Strauss, President, FutureMetrics LLC
& Gordon Murray, Executive Director, WPAC

09:30 Chairman's Remarks

09:35 **Smart Blending in Co-Firing Strategies: Lessons learned in Europe for Asian Markets**
Edze Diemer, Senior Business Developer, Biomass & Energy Efficiency Research Centre of the Netherlands (ECN)

10:00 **Updates on Torrefaction Technologies & Utility Users' Experiences**

11:00 Networking Refreshments @ Biomass Pellet Trade & Power Exhibition

11:30 **Oji Group's Involvement in the New FIT Scheme for Biomass Energy**

- Introduction of Oji Group
- Situation of FIT scheme Biomass Boiler in Japan
- Outlook of wood resources market in Japan

Kazuhiko Kamada, Director of the Board; Executive Officer; President, Forest Resources & Environment Marketing Co. Oji Holdings Corporation

11:55 **Japan's Wood Biomass Power Generation Under FIT at the Turning Point**

- Status-quo of wood biomass power generation under FIT
- Conflicts with existing wood industries
- Potential of imported wood biomass in Japan

Kiyoshi Kamikawa, Managing Director Japan Paper Association

12:20 **Mitigating the Risks in Developing Biomass Projects through Partnership**

- The Tsugaru Project & the Holdco/Assetco/Opco Structure Implemented
 - Advantages of this Structure: Risks Allocated to the Best Party in Charge
- Christophe Maquet, Energy Business Line Director, Veolia & Senior Representative, TAKEEI Corporation*

13:00 Networking Luncheon

14:20 **Operating an IPP Biomass Power Plant in South Korea (Case Study Ulsan IPP's SRF & Biomass Utilization)**

- Ulsan IPP & biomass sourcing matters
- Fuel Economics Comparison at Ulsan IPP: SRF vs Biomass
- Opportunities in developing IPP Biomass Power Plants in South Korea

Michael Paik, Executive Director Lantern Advisory & Investments

14:45 **Design & Construction of the Pulverized Coal & Biomass Fired Power Plant**

- Outlook of Japanese situation
 - New technology to achieve high biomass co-firing ratio
 - Requirement to biomass supply
- Yoshihiro Hamaguchi, Director Head of Power Business Department Gas and Power Co., Ltd*

15:15 **Woody Pellet Co-firing for Pulverized Coal Fired Power Plant**

- Ability to boost the biomass co-firing ratio to as much as 25%
 - Retrofitting the pulverizers can achieve the high ratio co-firing of wood pellet
- Emi Oono, Combustion Engineer & Manager IHI Corporation*

15:45 **Technical Perspective from A Decade's Experience with High Percentages Biomass Co-Firing**

Dr. Ir. Wim Willeboer Strategic Engineer Process Technology RWE Generation NL

16:20 Final Discussion followed by End of Conference

Day Four - Thursday, May 19th

~ Separately Bookable ~

Post-Conference Site Visit to Soma Kyodo's Shinchi Power Plant
(07:00 - 20:00)

Details of Shinchi Power Plant:

Co-firing wood pellet & coal at PC boilers
Co-firing percentage: currently up to 3%

07:00 Departing from Tokyo Marriott Hotel
08:00 Shinkansen Ride to Sendai Station
10:00 Social Tour & Lunch
13:00 Site Visit to Shinchi Power Plant
16:00 Depart for Sendai Station
17:30 Shinkansen Ride to Tokyo Station
19:15 Arrive at Tokyo Station
20:00 Arrive at Tokyo Marriott Hotel, End of Site Visit

Per Person Fee for:

Bundle Deal 1 (USD)
Conference: 17-18 May 2785.00
+ Pre Conference Workshop: 16 May
+ Site Visit: 19 May

Conference (17-18 May) (USD)
Regular Fee for 1 1895.00
Group Fee for 3 or more (Per Person) 1395.00

Optional Pre-Conference Workshop-16 May (USD)
Pre-Conference Workshop on Black Pellets 995.00

Optional Post-Conference Site Visit-19 May (USD)
Soma Kyodo's Shinchi Power Plant 495.00

Online Payment Discount (per person) (USD)
Pay Online By 31 Mar with VISA/MasterCard -200.00
Not applicable with any other discount

3 Ways to Register

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