

2nd BIOMASS PELLETS TRADE Asia

7 - 8 Sep 2011

SEOUL, SOUTH KOREA

Sheraton Grande Walkerhill

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DAY 1 - 7 Sep 2011, Wednesday

- 07:30 Registration and Coffee
- 08:30 Morning Chairman's Welcome & Remarks
- 08:40 **Opening Address: Growth Development of Renewable Energy in South Korea**
- 09:00 **Requirement for Biomass (Agricultural & Forestry Waste, Wood Pellet, etc) for Power Generation & Industrial Cogeneration**
a) South Korea
Sang Sop Lim, Director of Timber Product & Utilization Korea Forest Service

b) China

c) Japan

- 10:10 **How does the Design of Policies Influence Pellet Demand?**
- How much does it cost to achieve the Renewable Portfolio Standard - A quick benchmark on renewable energy investments?
 - What policies are required to change the landscape?
 - What price on CO2 is required for it to really make a difference?
 - Are pellets a preferred fuel and how will this change with time?
- Rickard Frithiof, Analyst, Poyry Management Consulting*

- 10:50 Discussion followed by Networking Coffee
- 11:30 **Rise of Palm Kernel Shells (PKS) for Power Generation – Supply/Export Outlook from Indonesia and Practical Guidance**
Andrea Alessandrini, Director PT Trenergy Biomasse Indonesia
- 11:55 **Rice Husk – Raw Material Economics, Applications & Market Analysis**
- Market data & development potential
 - Pelletizing technologies for agro-biomass & setup criteria/considerations
- Pierre Moccand, Biomass Manager, APAC Pte Ltd*

- 12:20 **Impact of Regulatory Measures and Incentives on Biomass Pellets Productions & Usage**
- Consequential impact on Industry & Market Dynamics

- Sustainability, Accountability & Responsibility
Ooi Suan Kim, Director, Builders Biomass Sdn Bhd

- 12:55 Discussion followed by Networking Lunch
- 14:20 **Outlook of Global Woody Biomass Trade – Drivers & Key Considerations**
- IPCC special report on renewable energy sources
 - Development solid biomass trade (mainly wood pellet) from 2011 to 2020 to the EU
 - Sustainability criteria for solid biomass in the EU
 - Wood chips versus wood pellets: trade & competition
 - Opportunities and impact on Asia's demand & supply
- Dr. Martin Junginger, Assistant Professor University of Utrecht*

- 14:50 **Trade Perspective on Japan's Demand for Wood Pellets/Agro Biomass & Market Dynamics**
- Logistics infrastructure requirement, etc
- Senior Representative, Mitsui & Co.*

- 15:20 Discussion followed by Networking Tea

Insights into Global Wood Pellets Supply

- Production/Export Outlook
- Export advantage to North Asia (With cost consideration in raw materials, processing and shipping)

- 15:50 **Australia**
Jarrod Waring, Business Development Manager Plantation Energy Australia Pty Ltd

- 16:15 **Canada**
Leroy Reitsma, President & Chief Operating Officer Pinnacle Pellet Inc.

- 16:40 **Critical Factors in Optimizing Biomass Supply Solutions**
James Leitheiser, Director, Global Business Services Weyerhaeuser Solutions

- 17:10 **Torrefied Pellet from Korea Domestic Wood Species**
Prof. Lee Hyong-Woo, Division of Forest Resources Chonnam National University

- 17:45 Discussion followed by End of Day One

DAY 2 - 8 Sep 2011, Thursday

- 09:00 Chairman's Remarks
- 09:05 **Operational Experience in Biomass Utilization in Power Generation & Cogeneration**
- Growth of wood chip utilization in Power Generation
Jonas Wilde, Vattenfall AB
- 09:30 **Sustainability & Certification: Progress & How this will Impact the Emergence of Global Wood Pellets Trade**
Samuel Owen, Vice President, Asia Pacific RWE Supply & Trading
- 09:55 **Advantages of Large Scale Integrated Biomass Energy Production Projects**
Andrew Grogan, Technical Director Aligned Energy Limited
- 10:20 Discussion followed by Networking Coffee
- 10:50 **Practical Experience in Bulk Handling of Palm Kernel Shells (PKS) – Post Facilities & Ship Safety**
Albert Law, Business Development Manager Global Green Synergy Sdn. Bhd
- 11:15 **Practical Experience in Bulk Handling of Wood Pellets**
- Post facilities & Ship safety in bulk handling
Mieke Vandewal, Marketing Manager Fuels Control Union Nederland
- 11:40 **Updates on Biomass Pretreatment Technologies (E.g. Torrefaction)**
Senior Representative, Andritz
- 12:10 Final Discussion followed by Closing Lunch
- 13:30 End of Conference

Separately Bookable Workshop

13:30 - 18:00

Post Conference Workshop Torrefaction Technologies and Economics - With Focus on Agro-Biomass

- Technical details and Processes involved
- Pelletizing and Densification of Torrefied Materials
- Torrefaction of Agro-Biomass in Asia (Palm based PKS/EFB, Sugar Bagasse, etc)
- Product Specifications, Safety and Sustainability Issues within Production, Logistics and Handling
- Torrefaction of Agro-Biomass : Processes, Technology & Pelletisation
- Case Study: Setting up a biomass torrefaction project & Key considerations in plant construction