

2nd Biomass Trade & Power

16-18 March 2011
Intel Hotels Rotterdam Centre
ROTTERDAM

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DAY 1 - 16 March 2011, Wednesday

Pre Conference Site Visit

(Separately Bookable, and Limited Seats Available)

Site Visit to Topell Energy's 1st commercial torrefaction plant in Duiven (The Netherlands). This plant will have a production capacity of 60,000 tons per annum.

(Details: Bus will depart from Intel Hotels Rotterdam Centre at 13:00, and back at 18:30 after the site visit)

DAY 2 - 17 March 2011, Thursday

07:30 Registration & Coffee

08:30 Chairman's Welcome & Opening Remarks

08:45 **EU Countries on NREAP & Updates on Incentives/Subsidies Program**

a) Netherlands

b) Belgium

c) How does Biomass Fit with UK's Energy Strategies?
Gideon Richards, Chief Executive Officer, Consulting With Purpose

d) Germany

09:55 **Biomass Market Dynamics, with Focus on Growth of EU Markets**

- Policy updates & demand drivers
- European biomass demand & supply
- Outlook for global biomass supply to 2020 - on major feedstocks (woody biomass, agricultural residues & energy crops) & major supply regions (North America, EU, South America, Asia)
- Cost analysis for biomass supplied to the EU
Dr Caroline Midgley, Head of Biofuels & Biomass, LMC International

10:20 Discussion followed by Networking Coffee

10:50 **Utilities' Perspectives & Discussion**

- Executing large scale biomass co-firing (with focus on industrial wood pellets requirements and sourcing)
- Evolvement of technical standards for industrial wood pellets & sustainability criteria
- Biomass: Buying, trading & delivering (sourcing & supply chain, trading & indexes)
- Commercial economics for biomass based power generation & CHP

Dr Yves Ryckmans, Chief Technology Officer Biomass
Laborelec-Sustainable Process Technologies

Jeppe Bjerg, Senior Innovation Manager, DONG Energy A/S

Martin de Wolff, Vice President Biofuel Origination

RWE Supply & Trading Switzerland S.A.

Rob Marcus, Biomass Origination and Sourcing

Vattenfall Energy Trading Netherlands NV

12:30 Discussion followed by Networking Lunch

13:45 **Perspective on the German Biomass Markets & Impact Arising from the Proposed ENplus Quality Certification System**

- Vis Nova's perspective on connecting the global markets - Europe, US & Asia

Yasushi Umemura, Managing Director, Vis Nova Trading GmbH

14:05 **Current Standardisation & Certification Developments - NTA 8080 Sustainability Scheme**
Harmen Willems, Consultant Energy Resources
NEN (Dutch Standardization Institute)

14:25 **Unfolding the New European Pellet Standards - EN14961 Serie**

- Raw material of pellets
- Fuel specification & classes for industrial & non-industrial use
- Quality assurance for pellets
Eija Alakangas, Product Manager, VTT International Ltd

14:50 **ENplus - A Step towards a Uniform Certification System for Pellets in Europe**

Christian Rakos, Executive Director, proPellets Austria

15:15 Discussion followed by Networking Tea

15:45 **The Biomass Opportunity in Spain: Importance of Forestry Energy Crops for the Feeding Chain of Medium-Large Biomass Power Generation**

Luis López-van Dam Lorenzo, Director General of Energy, Regulations and New Business, Ence

16:10 **Global Wood Chip Trade, an Opportunity for Energy Production**

- Wood chips for pulp and/or for energy
- Wood chips versus pellets
- Use of an index for wood chips for energy production
Matti Silvonen, Representative in Bioenergy, FOEX Indexes Ltd

16:30 **Progress in Setting Up a Biomass Exchange**

Sipke Veer, Product Manager, APX-EINDEX

16:55 **Biomass to Combined Heat & Power (CHP) Investment Opportunities in Europe - Project Economics, Equity/Debt Financing, Risk Management (& Case Study)**

Saurabh Anand, Vice President, Denham Capital

17:20 **Liquidity of the Carbon Credits & Opportunities in Biomass Markets**

Jeroen van de Kleetersteeg, Director, Corporate Risk & Treasury Advisory Europe, Rabobank

17:50 Discussion followed by End of Day One

18:30 **Networking Reception at the Rotterdam City Hall**

Hosted by Ms Alexandra van Huffelen, Alderwoman for Sustainable Development, Inner City and Public Space, City of Rotterdam



DAY 2 - 18 March 2011, Friday

08:00 Chairman's Remarks

08:05 **Exclusive Focus: Handling & Testing Standardized Biomass Trade**

- Biomass quality aspects & methods to determine correct specification/quality, etc
Mieke Vandewal, Marketing Manager Fuels
Peterson Control Union Nederland BV

09:05 **Exporting Port Facilities for International Biomass Trade**

- Accessibility of exporting ports on the land side
- Provisions to support settlement of biomass export
- Facilities at the waterfront
Kees Weststrate, Port of Rotterdam International

09:25 **Arranging Optimized, Secure & Sustainable Maritime Transport of Wood Pellets**

- Key considerations in contracting maritime transport capacity
- Stakeholders & parties involved
- Costs & economics: Transport, insurance, and etc
Dink Ripmeester, Dink Ripmeester Logistics & Maritime Management

09:50 Discussion followed by Networking Coffee

Perspectives from the Supply Markets

10:20 **Supply from the Baltic & Scandinavian Region**

10:45 **Supply Chain of Wood Pellets from US to Europe**

- Demand outlook (industrial vs. retail US and Europe), projections and key drivers
- Supply from the US to Europe, key benefits and challenges
- Sustainability: Ensuring sustainable supply of wood pellets for global demand
- Key considerations of vertical integration in the biomass value chain

Thomas Meth, Executive Vice President, Sales & Marketing
Enviva LP

11:05 **SwitchAsia: The Ongoing EU-Malaysia Effort to Value-Add Malaysia's Biomass Industry**

- Malaysia's developments in bioenergy
- Export capacity of wood pellets
- PKS

Dato' Leong Kin Mun, Technical Advisor, Biomass-SP

11:25 **Development of Biomass Utilisation Projects in Ghana & Opportunities for International Co-Operation**

11:50 **Experts Presentations & Discussion: Torrefaction Technologies & Economics**

- Technologies update
- business models and what it takes to set up a plant
- Updates on pilot production
- User experience in power generation
- Towards standardisation
Senior Representative, Topell Energy

Jan Brouwers, CEO, TorrCoal Group

Ing. George van Bommel, BioTorTech BV

Ir. Jaap Koppejan, IEA Bioenergy Task 32: Biomass Combustion and Cofiring

Dr. Mark L. Beekes, Account Manager, KEMA

13:15 Final Discussion followed by Closing Lunch

14:45 End of Conference