

2nd BiobasedWorld ASIA

BANGKOK, 27 - 29 May 2013

Incorporating 3rd BiobasedChem Asia & 7th Bioplastics Markets



Centre for
Management
Technology®
into our 30th year

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Day 1 - 27 May 2013, Monday

3rd BiobasedChemAsia

08:00 Registration and Coffee

09:00 Chairman's Welcome & Remarks

09:10 Real Commercial-Scale Production: Here Now

Mr. Bill Baum, Chief Business Development Officer, **Genomatica**



09:40 High Performance Specialty Chemicals from World Scale Biorefineries: An Update for 2013

Mr. Andy Shafer, Executive Vice President **Elevance Renewable Sciences, Inc.**

10:10 PTTGC's Presentation

Dr. Chaya Chandavasu, Vice President, Science and Innovation **PTT Global Chemical PLC**

10:40 Discussion followed by Networking Coffee

11:20 From Shale to Biomass: Opportunities in Today's Changing Chemical Industry

- Opportunities for bio-based developers in an era of shale gas
 - Leading companies and technologies with cost and performance benefits
 - Scale updates from the leading developers in Asia and globally
- Mr. Andrew Soare, Senior Analyst **Lux Research Inc.**

11:50 Growth Booster for Biobased Chemicals in Asia – Policies & Motivational Programs

- Role of Government to push forth such developments - Accelerating

Growth through Incentive Programs

- Motivating Factors to Integrate Participation in the Biobased Value Chain
- What Creative Funding Mechanisms are Available for Set-up of Biorefineries

Thailand

Dr. Wantanee Chongkum, Director, Innovation Department, **National Innovation Agency (Public Organization)**

Malaysia

Dato' Dr. Mohd Nazlee Kamal, CEO **Malaysian Biotechnology Corporation Sdn Bhd**

Singapore

Mr. Eugene Leong, Director, Energy & Chemicals, **Singapore Economic Development Board (EDB)**

13:00 Discussion followed by Networking Lunch

14:20 Progress of Current Collaboration in Biobased Value Chain

14:50 Economics of Ethanol Production & Feedstock Availability in Vietnam; Downstream Development & Directive to date for Ethanol Biofuels

Mr. Nguyen Huu Luong, Deputy Director & Chief of Scientific Council **Petrovietnam Research and Development Center for Petroleum Processing**

15:20 Production of 1,3-Propanediol, the Vogelbusch process

Mr. Josef Modl, Executive Vice President **Vogelbusch GMBH**



VOGELBUSCH

15:50 Discussion followed by Networking Tea

16:20 **Commercial Economics & Production Development of Polyhydroxybutyrate (PHB) from Sugar and Downstream Markets' Growth Potential, Can this be Replicated in Asia/Thailand?**
Mr. Eduardo Brondi, General Manager **PHB Industrial S/A**

16:50 Industrial Development & Biobased Applications of Palm Oil

Dr. Yeong Shoot Kian, Head of Synthesis & Product Development Unit, Advanced Oleochemical Technology Division **Malaysian Palm Oil Board (MPOB)**

17:20 New Processes for Specialty Chemicals: Using CO2 as a Starting Feedstock

Dr. Daniela Kruse, Senior Project Manager Science-to-Business Center Eco² **Evonik Industries AG**

17:50 Discussion followed by End of Day 1

Day 2 - 28 May 2013, Tuesday

3rd BiobasedChemAsia



09:00 Keynote Speech

Mr. Anon Sirisaengtaksin, Chief Executive Officer **PTT Global Chemical PLC**

09:20 Chairman's Remarks

09:25 Comparative Economics of Synthetic vs. Biobased Feedstocks & Impact of Shale Gas

Dr. Andrea Fitzgerald, Senior Consultant, Energy & Chemicals, **Nexant Asia Limited**

10:00 **Regional Trade on Chip Fibre & Pellets with Deep Dive in the Economics on Current & Future End Use Options**

- Historic regional trade development on chip fibre and pellets
- Economics of current and future end use options
 - Panels
 - Woodchips
 - Pellets
 - Pulp & paper
 - Biofuels
 - Biobased chemicals
- Potential impact on the regional trade development

Mr. Petri Haataja, Head of Energy Consulting, Asia Pacific, **Pöyry Energy Ltd.**

10:30 Discussion followed by Networking Coffee

11:00 Malaysian National Biomass Strategy 2020 – Market Outlook on Oil Palm Biomass & Mobilization Challenges

Mr. Bas Melszen, Executive Vice President **Agensi Inovasi Malaysia (National Innovation Agency Malaysia)**

11:30 Carbohydrates from Cellulosic Biomass - The 5 Critical Questions to ask about Cellulosic Sugars

Mr. Philippe Lavielle, Chief Executive Officer, **Virdia**

12:00 Beginning and End-of-life Strategies for Biobased Chemicals & BioPlastics

12:50 Discussion followed by Networking Lunch.

End of 3rd BiobasedChem Asia Summit sessions.

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- 14:00 Afternoon Chairman's Introduction
- 14:10 **Global Bioplastics Market Outlook and Challenges**
- Global bio-plastics capacity and forecast
 - Global demand trend
 - Drivers for growth
 - Strategic drivers for investment
- Mr. Rich Weber, A/P commercial director Natureworks Asia Pacific Limited*
- 14:40 **Market Status and Prospects of Bio-plastics in China**
- Production capacity and forecast
 - Exports markets and domestic consumption in China
- Mr. Zhu Guangfu, General Manager Guangdong Sanju Biodegradable Plastics Company Limited*
- 15:10 **New Developments in Biodegradable Resin**
- Mr. Daniel Hebert Senior Regional Manager Business Management Biopolymers BASF South East Asia Pte Ltd*

- 15:40 Discussion followed by Networking Tea
- 16:10 **Bio-PBS Market Outlook and Future Trends**
- Mr. Hiroaki Numata, VP Marketing PTT MCC Biochem Co., Ltd*
- 16:40 **Update on Developments at BIOP**
- Mr. Ulrich Rienth, CCO & CFO BIOP Biopolymer Technologies AG*
- 17:10 **Terryl™ Bio-based Nylon: Developments, Production and Growth Potential**
- Technology development of pentane diamine for new nylons.
 - Supply/demand projections
 - Performance results and advantages
 - Market consumption and opportunities
 - New areas of applications
- Mr. Paul Caswell, President Beijing Cathay Biotechnology*
- 17:40 Discussion followed by End of Day 2

Day 3 - 29 May 2013, Wednesday



- 09:00 Chairman's Remarks
- 09:10 **Legislative Policies on Bioplastics Development in Asia**
- 09:40 **Sustainable Packaging: Phillips Experience**
- An integrated approach
 - Bio-plastics developments
 - Challenges & options
- Mr. Nestor Coronado Palma, Sustainability Director, Philips Consumer Lifestyle*
- 10:10 **Sugarcane Based Polyolefins: Adding Value through Biopolymers**
- Innovation based on sustainable pillars
 - Reaching the wide concept of sustainability
 - Developments in the production of green polyethylene
- Ms. Claudia Cappa, Commercial Leader, Renewable Chemicals, Braskem S.A.*
- 10:40 Discussion followed by Networking Coffee

- 11:10 **PHA Market outlook - Production and Applications**
- Supply/demand forecast and distribution
 - Performance quality and End use applications
 - Challenges and Regulatory issues
- Mr. Luke Zhong, CEO Shenzhen Ecomann Biotechnology Co.,Ltd.*
- 11:40 **A Case Study with Krusell on Bioplastics Adoptions in Mobile Accessories**
- Challenges faced in using bioplastics vs traditional plastics
 - Consumer's expectations and feedback
- Senior Representative Krusell (Thailand) Co. Ltd.*
- 12:10 **Durable BioPlastics Adoptions in Automotive/Electronics Applications**
- 12:40 Final Discussion followed by Closing Lunch
- 14:00 End of Conference.

YOU WILL NETWORK WITH

CEO / Presidents, MD, GM, Business Development Directors, Sales & Marketing Managers, Commercial Director, Technology Manager, Product Manager, R&D Director from bioplastics producers / suppliers / brand owners / retailers / processors / converters, financial & academic institutions, machinery suppliers & all who wants to get an update on the opportunities in the bioplastics business

Activities	Fee Per Person	Bundle Fee
27 - 28 May 3rd Biobased Chem Asia	Regular Fee - USD1495 Group Fee - USD1195* <small>*3 or more from same company</small>	3rd Biobased Chem Asia + 7th Bioplastics Markets USD1995 per person (save USD995!)
28 - 29 May 7th Bioplastics Markets	Regular Fee - USD1495 Group Fee - USD1195* <small>*3 or more from same company</small>	
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