

Day One – 23 May 2012, Wednesday

08:00 Registration & Coffee

09:00 Chairman's Welcome, Remarks & Business Cards Exchange

09:10 Keynote address by:
Senior Executive,
PTT Global Chemicals (PTTGC)

09:40 **Economics of Plant-based versus Fossil-based Chemicals Product**

- Key drivers to make commercialization and adoption happen
- At what price of fossil based feedstock can biobased chemicals take off?
- Merits of Asia Sourcing & Production
- Potential of biomass feedstock and economics

10:10 **BioRefining Concept: Converting Sugar Based Feedstock to Fuel Ethanol & BioPlastic**
Ulric Seah, Manager, Application Development
Sulzer Chemtech Pte Ltd

10:40 Discussion followed by Networking Coffee

11:10 **Cassava - Emerging Sources of Plant-based Sugar/Starch Feedstock in Asia**

- Availability in Asia, Volume & Cost
- Concerns over Food versus Renewable Chemicals
- Current initiative/projects in pretreatment/ conversion for biobased materials
- Opportunities for collaboration in feedstock level

Dr. Klanarong Sriroth, Project Leader
Kasetsart University

11:35 **100% Biobased PET: A Sustainable Approach to Fiber, Film, and Bottles**

- Bio-based paraxylene as an alternative feedstock for the PET supply chain which allows companies to diversify their supply, better manage their economic risk of volatile petrochemical pricing and allows them to differentiate their product in markets where there is a desire for renewable or bio-based content

- Conversion economics of sugar-based versus naphtha-based feedstock, and downstream opportunities for bio-paraxylene
- Virent's 100% bio-based para-xylene - BioForming technology demonstrated on multiple feedstocks - conventional sugar, starch feedstocks, cellulosic biomass feedstocks such as pine trees, corn stover and sugar cane bagasse
- Virent and The Coca-Cola Company recently announced a strategic partnership to development and commercialize BioFormPX with the goal of using it in PET packaging

Gregory Keenan, VP Business Development & Engineering
Virent Energy Systems, Inc

12:05 **Bio-succinic Acid: How to Convert CO2 into Value-added Chemicals?**
Patrick Piot, Vice-President, Business Development
BioAmber Inc.

12:35 **Macro-Economic Outlook and Expected Growth in Asia**
Rajiv Biswas, Senior Director and Asia-Pacific Chief Economist
IHS Inc

13:05 Discussion followed by Networking Lunch

14:15 Afternoon Chairman's Remarks

14:20 **Thailand's Biobased Chemicals & BioPlastic Roadmap - Regulatory and Commercial**

- Availability of Sugar-based feedstock for this growth

14:50 **Bioplastics Market Development in India**

- Update on ban of non-biodegradable plastics bags
- Current & trends in the bioplastics application
- Progress within the next few years

Deepak Sanghvi, Director
Greendiamz Biotech Ltd

15:20 **Development & Progress of Bioplastics Market in Asia**
Daniel J. Sawyer, Managing Director Asia Pacific
NatureWorks LLC (HQ)

15:50 Discussion followed by Refreshments

16:20 **Worldwide Market Potential of Biobased PBS**
Shigeaki Yamane, VP, Manager - Marketing
PTT MCC Biochem Co., Ltd

16:45 **Market Outlook & Growth Potential for Biobased Nylon, Plans Ahead and Updates on Arkema's Acquisition of the Biobased Production/Supply Chain**
Senior Representative,
Arkema China

17:15 **Developments in Bioplastics Demand & Trends in Japan**

- Emerging applications in durable products
- Government legislation supporting bioplastic industry

Hiroyuki Mori, Executive Head
Japan Society of Biomass Industries (JSBI)

17:45 Discussion followed by End of Day 1

Day 2 – 23 February 2012, Friday

09:00 Chairman's Remarks

09:05 **Potential of Bioplastics Market in Turkey**

- Demand/supply outlook
- Emerging key drivers of growth

Aydemir Esencan, CEO
Gama Plastik/ Gama Petrochemicals Pte Ltd

09:35 **Developments in Biomass Flexible Packaging in Japan**

- Emerging applications involving biomass HDPE, polylactate and PET

Kenji Sakae, R&D Manager
TOPPAN PRINTING CO LTD

10:05 **Biopolymers in Film Production**

- Stretching Technology and Line Concepts
- Latest product applications & collaborations with Brand-owners

Karl Zimmermann, Sales Director
Bruckner Technology Holding GmbH (HQ)

10:35 Discussion followed by Refreshments

11:05 **Reactive Extrusion Modified PBS and PLA for Meltblown Nonwoven Applications**
Dr. James Wang, Research Technical Leader
Kimberly-Clark Corporation

11:35 **Panel Discussion: Brand-owners' Experience & Plans with Bioplastics Applications**

12:05 **Substantiating of Claims – How to Prove?**

- Certification and labelling issues
- Extended producers' responsibility & its relevance in Asia

Bruno De Wilde, Lab Manager
Organic Waste Systems (OWS) NV

12:35 Final Discussion followed by Closing Lunch

14:00 End of Conference

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