



Day 1 - Tuesday, 22 May
2nd BiobasedChem Asia (Day 1)

08:00 Registration & Coffee

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

09:15 **How Novel Materials and Technologies will Transform the Bio-based Industry through 2020**

- Investigate the partnership landscape in bio-based materials in Asia, while identifying key opportunities
 - Environmental factors such as BioPreferred Program & what is it for Asian producers
 - Connect the market drivers with concrete innovators, technologies, and materials poised to dominate
- Andrew Soare, Analyst, Lux Research*

09:45 **BioAmber Succinic Acid; Enabling a Portfolio of Renewable Chemicals Inspired by Nature**

Babette Pettersen, Senior VP, Marketing & Sales, BioAmber Inc.



10:15 **Presentation Title TBA**

Senior Representative, Mitsubishi Chemical Corporation

10:45 Discussion followed by Networking Coffee

11:25 **Reverdia(TM), Commercialising Biosuccinium, Sustainable Succinic Acid(TM)**

- Reverdia's strategy (technology, manufacturing, market development)
- Importance of partnerships and Reverdia's approach
- Large scale manufacturing, progress of 1st commercial plant in Cassano (Italy Europe) and approach towards 2nd large scale plant
- Feedstock flexibility and our view and approach on 2nd generation feedstocks

Will van den Tweel, General Manager, Reverdia (TM)

11:55 **Partnering & Strategic Ventures in Asia**

- On commercialization of bio-based chemicals & examining new windows of opportunity opening in Asia as a result of the availability of new bio-based chemicals
- Trends that are driving demand for bio-based chemicals
- Potential applications for bio-based chemical replacements
- How successful partnering in Asia is reaching new and existing markets

Alif Saleh, VP, Global Business Development, Myriant Corporation

12:25 **End Users' Perspective for Biobased Chemicals Adoption and Strategies for the Asian Market**

12:55 Discussion followed by Networking Lunch

14:15 **Investing in Asia's Biobased Chemicals Value Chain**

- Key investment consideration on start-ups' technology providers
- Perspectives on announced joint development & scale-up partnerships
- Lesson learnt and what to look forward to

Dr Roger Wyse, Managing Director & General Partner, Burrill & Company

14:45 **Initiatives to Motivate and Push Forward Biobased Economy (Industrial Renewable Chemicals) in Malaysia, and Opportunities to International Collaboration**

Dato' Dr. Mohd Nazlee Kamal, CEO, Malaysian BioTechnology Corporation (BiotechCorp)

15:15 **Downstream Market Potential of Isobutanol, and Projects**

15:45 Discussion followed by Networking Tea

16:15 **Application of Plant Oils Biobased Oleochemicals in "Green Chemicals" & "Biolubricants"**

Prof. Jumat Salimon, School of Chemical Sciences & Food Technology, Universiti Kebangsaan Malaysia (UKM)

16:45 **2nd Generation Sugar Platform: Sustainable Cellulosic Ethanol as Biofuel and Green Chemical**

- Analyze the potential sugars as a platform for renewable, biobased chemicals
 - Explore the options & possibilities of 2nd generation biorefineries
 - Case study sunliquid®: process development, challenges & status
- Dr. Andre Koltermann, Corporate Research & Development, Süd-Chemie AG*

17:15 Discussion followed by End of Day One

17:30 to 19:00

Networking Reception
for All Speakers & Participants of
2nd BiobasedChem Asia & 6th BioPlastics Markets
Hosted & Sponsored by



2nd

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Day 2 - Wednesday, 23 May

2nd BiobasedChem Asia

(Day 2, Half Day)

6th Bioplastics Markets (Day 1)

(Day 2 (AM till Lunch))

Combined Session for both conferences)

08:00 Registration & Coffee

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

09:10 **Keynote speech: PTT Global Chemical's Green Expansion Plans & Future Developments**

- Growing PLA supply through JV with Natureworks
- Investment plans with Myriant Technologies
- Perspective on feedstock sourcing in Thailand/Asia

Senior Executive,

PTT Global Chemicals

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

- Key drivers to make commercialization and adoption happen
- At what price of crude and fossil based feedstock can biobased chemicals take off?
- Merits of Asia sourcing & production
- Availability of sugar bagasse & other 2nd generation biomass-based feedstock

10:10 **BioRefining Concept: Converting Sugar Based Feedstock to Fuel Ethanol & BioPlastic**

Ulric Seah,

Manager,

Application Development –

Process Technology,

Sulzer Chemtech

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,

Dept. of Agricultural &

Resource Economics,

Kasetsart University

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

12:05 **Bio-succinic Acid: How to Convert CO2 into Value-added Chemicals?**

Patrick Piot, Vice-President,

Business Development,

BioAmber

- 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

Greg Keenan,

VP – Business Development &

Engineering,

Virent

12:35 **Macro-Economic Outlook, with Focus on Growth in Asia**

Rajiv Biswas, Senior Director & Asia-Pacific Chief Economist, IHS Global Insight

13:05 Discussion followed by Networking Lunch

14:30 End of 2nd BiobasedChem Asia, and Continuation of 6th BioPlastics Markets

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