



# 14<sup>th</sup> BioPlastics Market

8 - 10 NOVEMBER 2022 / BANGKOK, THAILAND

## ORGANISED BY



Centre for Management Technology®  
into our 39<sup>th</sup> year

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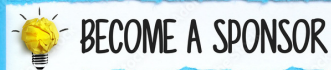
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**08 NOV 2022, Tuesday**

### Separately Bookable Site Visit to Totalenergies Corbion



Photo Courtesy of TotalEnergies Corbion

**Registration to TotalEnergies Corbion site visit is subject to approval by its management. TotalEnergies Corbion reserves the right to approve or refuse participants for this visit.**

**( Participant must submit a negative ART test result taken 1 day before the visit )**

*The TotalEnergies Corbion plant in Rayong, Thailand, has the capacity to produce 75,000 tons of PLA and 100,000 tons of lactide per year. Luminy PLA is a biobased and biodegradable polymer made from annually renewable resources, offering a reduced carbon footprint versus traditional plastics. It produces a broad range of Luminy PLA, from PDLA through to PLLA, and most recently launched the rPLA product.*

*rPLA is an advance recycled PLA, which has the exact same certifications and performance of virgin PLA (including food contact), making Luminy rPLA a champion of the circular economy.*

**Having started operations in 2017, the key agricultural material is raw sugar from cane that is grown in Thailand. The cane sugar**

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SCAN ME

**09 NOV 2022, Wednesday**

08:00 **Registration**

09:00 **Chairman's Introduction**  
Lloyd Lowe, Sr. Regional Manager, Biopolymer Sales Management  
**BASF South East Asia Pte. Ltd**

09:10 **KEYNOTE - CATALYZING THE BIO CIRCULAR ECONOMY : CREATING INNOVATION AND SUSTAINABILITY FROM FARM TO SHELF**  
Ho Ren Hua, Chief Executive Officer  
**Thai Wah Public Company Limited**



09:40 **SNACK PACKAGING : EMBARKING ON A BIO-BASED TRANSFORMATION JOURNEY**  
Ramesh Ramchandran, Associate Director - R & D Packaging Sustainability, Foods AMESA & APAC  
**PepsiCo**

10:10 **BIOPLASTICS PROSPECTS WITHIN A CIRCULAR ECONOMY AND SUSTAINABLE FUTURE**  
Chommanad Thammanayakatip, Principal  
**NexantECA**

10:35 **Discussion followed by Networking Coffee Break Reception**

11:05 **NONOILEN - A NEW GENERATION OF FULLY ECOLOGICAL PLASTIC MATERIAL WITH BALANCED PROPERTIES**  
Prof. Dr. Pavel Alexy, Head of R&D  
**PANARA**

*code of conduct is applicable to all of its cane sugar suppliers and is embedded in its supplier qualification process. Its production is certified by The Bonsucro Production Standard which covers key principles such as obeying the law and human rights and labor standards, as well as actively managing the biodiversity and ecosystem of the sourced*

*material, thereby ensuring the sustainability of social, environmental and economic aspect of the source.*

*The plant is certified ISO 9001,14001,18001,45001 ,26001; Ecovadis Gold standard, and 3R Gold star.*

*Totalenergies Corbion invites you to their plant and show you a world class PLA production site!*

07:30 **Depart from Hotel**

10:00 **Arrive at plant and Refreshment**

10:10 **Welcome Speech & plant safety introduction Company presentation & briefing of production process**

11:00 **Plant Tour (3 groups)**  
- Control Room/Lab/Application room  
- Lactice/PLA  
- Pilot Plant/warehouse

11:30 **Tour by van around CRA site (sugar warehouse & etc)**

12:00 **Lunch at ROMSON Restaurant hosted by Totalenergies Corbion**

13:10 **Depart from Restaurant**

15:45 **Arrive at Hotel**



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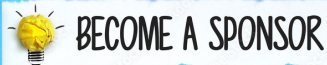
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Program details published herein are confirmed as of 11/04/2022

## 09 NOV 2022, Wednesday

11:35 **CLOSING THE LOOP - CHEMICAL RECYCLING OF WASTE PLA & CHALLENGES**  
Tan Chow Pin, Senior Director-Sales & Business Development, APAC & India  
**Totalenergies Corbion**

12:05 **END-OF-LIFE OPTIONS OF BIOPLASTICS: COMPOST OR RECYCLE?**  
Dr. Marcian Lee, Research Analyst  
**Lux Research**

12:35 *Discussion followed by Networking Lunch*

13:45 *Chairman's Introduction*

13:50 **PANEL DISCUSSION : EMERGING RENEWABLE FEEDSTOCKS, SUSTAINABLE SUPPLY & CONVERSION ECONOMICS**  
Panelists :  
Dr. Marcian Lee, Research Analyst  
**Lux Research**

Tanachart Ralsiripong, AVP Specialty / Bioplastics Business  
**Thai Wah Public Company Limited**

Christianto Renata, Sales & Business Development Manager  
**Arkema High Performance Polymers**

Frederico Akira Campos, General Manager - Business Development, External Affairs and Advocacy  
**Braskem**

14:20 **COMPOSTABLE BIOPOLYMERS IN CIRCULARITY – THEIR BENEFITS**  
Stefan Barot, Chief Executive Officer  
**BIOTEC biologische Naturverpackungen & Co**

# BIOTEC

14:50 **A BETTER CIRCULAR SOLUTION: INCORPORATING AMORPHOUS PHAS INTO YOUR POLYMERS**  
Hugo A.J. Vuurens, VP Business Development - PHA Biopolymers  
**CJ Biomaterials**

15:20 *Discussion followed by Networking Coffee Break.*  
*Reception Sponsored by:*



15:50 **CIRCULAR ECONOMY & THE FUTURE OF BIOPLASTICS IN CHINA**  
Prof. Dr. George, Guo Qiang Chen, Professor of Microbiology & Biomaterials, School of Life Sciences & Dept Chemical Engineering  
**Tsinghua University**

Founder  
**PhaBuilder Biotechnology (China)**

16:20 **CHALLENGES AND OPPORTUNITIES IN CREATING A CIRCULAR BIOECONOMY**  
Watid Watanyupaisan, Business Development Manager  
**NatureWorks Asia Pacific Ltd**

16:50 **BIOPLASTICS MARKET PROSPECTS IN SOUTH KOREA: CHALLENGES & OPPORTUNITIES**  
Prof. Dr. Chin In-Joo, President  
**Korean Bioplastics Association**

17:20 **END OF DAY 1**

17:30 *Networking Reception for all speakers and delegates*

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SCAN ME

## 10 NOV 2022, Thursday

09:00 *Chairman's Introduction*  
Tanachart Ralsiripong, AVP Specialty / Bioplastics Business  
**Thai Wah Public Company Limited**

09:05 **BIODEGRADABLE & COMPOSTABLE CELLULOSIC MATERIALS IN FOOD SERVICE APPLICATION**  
Dr. Mounir Izallalen, Technology Associate, Renewable & Biodegradable Materials  
**Eastman Chemical Company**

09:35 **BIOPLASTICS PROSPECTS FOR GEOTEXTILES & BIO COMPOSITES: THAILAND'S PERSPECTIVE**  
Nopadol Suanprasert, President  
**Global Biopolymers Co., Ltd.**

10:05 **PROCESS OPTIMIZATION OF BIOPLASTICS WITH MECHANICAL SEPARATION**  
Pianpian Wu, Global Technology Application Engineer  
**Alfa Laval**

10:35 *Discussion followed by Networking Coffee Break Reception Sponsored by:*



11:05 **DRIVING THE COMMERCIAL REALITY OF PLANT-BASED PLASTICS**  
Math Lambalk, Business Development Manager  
**Avantium Renewable Polymers**

11:35 **ADVANCED BIO-CIRCULAR (ABC) MATERIALS FOR A SUSTAINABLE FUTURE**  
Christianto Renata, Sales & Business Development Manager  
**Arkema High Performance Polymers**

12:05 *Final Discussion followed by Closing Lunch*

13:45 *End of Conference.*



*Role of bioplastics for a circular economy: a solution or an issue?*

*Sustainability, production innovation & waste management*

The global bioplastics production will more than triple over the next five years (2021-2026), from around 2.4 million tons in 2021 to 7.5 million tons in 2026, according to market data compiled by European Bioplastics and nova-Institute. While the bioplastics industry has been growing steadily in recent years, nearly half of all bioplastics are currently produced in Asia, thanks to its abundance of readily available feedstocks. By 2026, Asia is expected to produce 70% of all bioplastics globally.

The end-of-life option of Bioplastics ranges from recycling, biodegradable/composting, chemical recycling, Anaerobic digestion & more. TotalEnergies Corbion's view that mechanical and chemical recycling should become economically feasible and a commonly used end-of-life solutions for PLA-based products. It has also launched its first commercial rPLA last December. Brand-owners has various options to consider when adopting bioplastics in their strategy.

Earlier in 2022, Thai Wah launched its first new business in sustainable packaging. ROSECO launched by Thai Wah, is the world's first and leading tapioca-based platform in bioplastics and sustainable packaging with a leading role in tackling the global plastics and climate change challenge from Southeast Asia.  
30/8/22, [www.nationthailand.com](http://www.nationthailand.com)

Join us and our expert speakers at CMT's 14th Bioplastics Markets Conference in Bangkok on 9-10 November 2022. Providing the latest updates on advancements and trends in the bioplastics value chain today, this is a perfect platform for all speakers and participants to discuss ideas and opportunities, as well as network with high-level players from across the supply chain.

Angel Yeast and PhaBuilder plan PHA factory in China as biodegradable material demand grows.  
26/7/22, [www.foodingredientsfirst.com](http://www.foodingredientsfirst.com)

Register with your team to enjoy group discount!  
Contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

CJ Bio Inaugurates PHA Plant in Indonesia.  
28/4/22, [www.bioplasticsnews.com](http://www.bioplasticsnews.com)

Asian sugar king Mitr Phol to start bioplastics production.  
22/2/22, [www.asia.nikkei.com](http://www.asia.nikkei.com)

Bioplastics – both drop-ins & new materials, primarily used in packaging, are expected to become more widely used in sportswear, appliances, and automobiles in recent years. The continuous efforts of the bioplastics industry to develop innovative materials with improved properties, new functionalities and cost competitiveness have encouraged more brand-owners to switch to bioplastics as part of their decarbonization strategy. The demand growth is driving bioplastics producers to commercialize their materials and accelerate production.

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Fees per Person	USD
1-2 Delegates	1395
Register 3 or more to Save <b>300.00</b> per person	
<b>Pay online by 08 Nov, with Visa/Master Card &amp; SAVE a further USD 50.00 off (per person)</b>	
<b>Optional Activity:</b> Site Visit to Totalenergies Corbion on 8 Nov	150