



# AGENDA

**4<sup>th</sup> – 6<sup>th</sup> July 2019**

Ambassador Hotel Bangkok, Thailand  
Sukhumvit Soi 11

# DAY 1

Thursday 4<sup>th</sup> July, 2019

**CIRCULAR  
ECONOMY**  
Opportunities for Bioplastics

**08:00 - 09:00 Registration**

Foyer of Convention Hall, Ambassador Hotel Bangkok

**09:00 - 09:10 Welcome Address**

Mr. Kittiphong Limsuwanarot  
President, Thai Bioplastics Industry Association (TBIA), Thailand

**09:10 - 09:25 Opening Remarks**

Prof. Dr. Sirirurg Songsivilai  
Secretary-General for Director, National Research Council of Thailand (NRCT)

**09:25 - 09:35 Photo Session**

**09:35-10:00 Role of Circular Economy**

Dr. Nattapol Rangsitpol  
Director General, Office of Industrial Economics,  
Ministry of Industry, Thailand

**10:00 - 10:20 Refreshment & Exhibition**

**10:20 - 10:50 Plenary Speaker: World Bioplastics Outlook**

**Bioplastics Outlook 2019: Future of the Bioplastics Industry in the Circular Economy**

Mr. Gihan Hewage  
Analyst, Lux Research

**10:50 - 12:00 Session 1: Global Bioplastics Experiences**

**10:50 - 11:15 Global Outlook for Bioplastics – Market Perspective**

Mr. John W. King,  
Vice President Chemical Consulting, IHS Markit

**11:15 - 11:40 Marine Friendly Standard for Biodegradable Products**

Dr. Chien-Ming Huang  
Asian Bioplastics: Pan Pacific Bioplastics Association (PPBA)  
Chief Executive Officer, Minima Technology Co., Ltd., Taiwan

**11:40 - 12:00 Latest Developments in Korean Bioplastics Industry**

Prof. Dr. In-Joo Chin  
President, Korean Bioplastics Association (KBPA)

**12:00 - 13:00 Lunch**

# DAY 1

## Thursday 4<sup>th</sup> July, 2019

**CIRCULAR  
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Opportunities for Bioplastics

### 13:00 – 17:30 Session 2: Opportunities for Bioplastics in Circular Economy

#### 13:00 - 13:25 Thailand Biorefinery for Sustainability Development

##### GGC Experience Sharing

Mr. Witoon Suewatanakul

Managing Director

Global Green Chemicals Public Company Limited

#### 13:25 - 13:50 PLA in the Circular Economy

Mr. Stefan Barot

Senior Director Bioplastics, Total Corbion PLA, The Netherlands

#### 13:50 - 14:15 Designing High Performance Materials for the Circular Economy

Mr. Ian K. W. Toh

Commercial Director, Asia Pacific NatureWorks

#### 14:15 - 14:40 BioPBS™: Renewable Carbon Based Polyester for Efficient Management of Plastic Packaging End-of-life

Dr. Chinnawat Srirojpinyo

Marketing Technical Service Division Manager,

PTT MCC Biochem Company Limited.

### 14:40 - 15:00 Refreshments & Exhibition

#### 15:00 - 15:25 Towards a Circular Economy Food Waste, Agriculture and Biopolymers

Mr. Rowan Williams

Regional Market Development Asia Pacific,

Biopolymers BASF South East Asia Pte.

#### 15:25 - 15:50 Bioplastics Industry Development in Thailand: Mission Possible

Dr. Kriengsak Wongpromrat

Director, Plastics Institute of Thailand (PITH)

#### 15:50 - 16:15 The Model of Biorefinery and New Applications in Bioplastics

Mr. Alberto Castellanza

International Sales Manager, Novamont

#### 16:15 – 16:40 Starch-based Plastic as a Sustainable Material in a Circular Economy

Mrs. Daoruang Inthong

Senior Industrial Innovation Manager, SMS Corporation Co., Ltd.

Dr. Jatesuda Jirawutthiwongchai

Asst. Product Innovation Manager, SMS Corporation Co., Ltd.

#### 16:40 - 17:05 High-Barrier for Bio-Plastic Packaging

Mr. Warwick Armstrong

Regional Sales & Marketing Manager, Kuraray (Thailand) Co., Ltd.

#### 17:05 - 17:30 PolyhydroxyAlkanoate (PHA): A Solution in the Circular Economy

Mr. Rick Passenier

Director, PACE Business Partners, The Netherlands

### 18:00 - 20:00 Dinner Get Together & Networking at Sala Thai, 3<sup>rd</sup> Floor Ambassador Hotel

# DAY 2

## Friday 5<sup>th</sup> July, 2019

**CIRCULAR  
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### 08:00 - 09:00 Registration

Foyer of Convention Hall, Ambassador Hotel

### 09:00 - 09:50 Session 3: Policy and Advanced Bioplastics in Circular Economy

#### 09:00 - 09:25 Keynote Address: New Policy: Bioeconomy Circular Economy (BCG) and Green Economy in Thailand

Dr. Surachai Sathitkunararat, Vice President  
Office of the National Policy Council for Higher Education,  
Science, Research and Innovation

#### 09.25 - 09:50 FDCA &PEF: The Rising Stars Amongst Today's Bioplastic Packaging

Prof. Dr. Gert-Jan Gruter  
CTO Avantium, Chair Industrial Sustainable Chemistry,  
University of Amsterdam

### 09:50-10:10 Refreshment & Exhibition

### 10:10-12:30 Session 4: Bioplastics Applications in Thailand/Trends/Research and Development

#### 10:10 - 11.20 Industry Sector

Moderator: Assoc. Prof. Dr. Phietoon Trivijitkasem  
Chairman of Advisory Board and Honorary President (Charter),  
Thai Bioplastics Industry Association (TBIA)

Speakers:

1. Mr. Somsak Borrisuttanakul,  
Chief Executive Officer, TPBI Public Company Limited
2. Mr. Detbordin Riensubdee  
Managing Director, Thantawan Industry Public Company Limited
3. Ms. Varintorn Uvimolchai  
General Director, Bio-Eco Co., Ltd.
4. Assoc. Prof. Dr. Chaiyoot Changsarn  
Advisor, R&B Food Supply Public Company Limited
5. Dr. Pisuth Lertvilai  
Deputy Managing Director, Multibax Public Company Limited
6. Mr. Noppadol Suanprasert  
Managing Director, Global Biopolymers Co., Ltd.
7. Mr. Theppasak Sitthi-ampai  
Managing Director, Bags and Gloves Co., Ltd.

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Friday 5<sup>th</sup> July, 2019

**CIRCULAR  
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**10:10-12:30 Session 4: Bioplastics Applications in Thailand/Trends/Research and Development (Continue)**

**11:20 - 12.30 Academic & Research Sector:**

Moderator: Professor Dr. Malyn Ungsurungsie  
Technical Director, S&J International Enterprises PCL

Speakers:

1. Potential Bioplastic Research and Innovation in Thailand Granted by NRCT  
Professor Dr. Malyn Ungsurungsie  
Technical Director, S&J International Enterprises PCL
2. Bioplastics: A Dynamic Frontier for Biomedical Application  
Asst. Prof. Winita Punyodom  
Department of Chemistry, Faculty of Science, Chiang Mai University
3. Feasible Converting Processes and Applications of Thermoplastic Starch-based Materials  
Assoc. Prof. Dr. Rangrong Yoksan  
Faculty of Agro-Industry, Kasetsart University
4. Tuning Bioplastics Properties through Reactive Compounding  
Asst. Prof. Dr. Supakij Suttiruengwong  
Faculty of Engineering and Industrial Technology,  
Silpakorn University

**12:30 - 13:30 Lunch**

**13:30 - 16:30 Panel Session: Standards, Environment Impact, Waste Management**

**13:30 - 14:30 Panel Discussion 1**

**Standards of Bioplastics and Microplastics Solution**

What is right or wrong in bioplastics? Is an oxo-additive biodegradable?  
Updated standards (ISO 17088:2012, ...)  
Do bioplastics help solving microplastics concerns?

Moderator: Dr. Pipat Weerathaworn  
Honorary President (Charter), Thai Bioplastics Industry Association (TBIA)

Panelists:

1. Dr. Pisuth Lertvilai  
Deputy Managing Director, Multibax Public Company Limited
2. Dr. Anchana Pattanasupong  
Director, Material Biodegradation Testing Laboratory  
Thailand Institute of Scientific and Technological Research
3. Assoc. Prof. Dr. Thaithaworn Lirdwitayaprasit  
Department of Marine Science  
Faculty of Science Chulalongkorn University
4. Mr. Rick Passenier  
Director, PACE Business Partners, The Netherlands

# DAY 2

## Friday 5<sup>th</sup> July, 2019

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**13:30 - 16:50 Panel Session: Standards, Environment Impact, Waste Management (Continue)**

**14:30-15:30 Panel Discussion 2**

**“Is Waste Management required for biodegradable/compostable plastics? And options for home and industry composting ”**

Moderator: Ms. Natalie Leerapun  
Manager, Thai Bioplastics Industry Association (TBIA)

Panelists:

1. Mr. Varoon Varayanond  
Industrial Partnership Advisor  
PETROMAT (Center of Excellence in Petrochemical and Materials Technology), Chulalongkorn University
2. Mr. Panuwatt Ontes  
Senior Professional Level,  
Policy and Planning Division Department of Environment,  
Bangkok Metropolitan Administration (BMA)
3. Mr. Somboon Piriyanangrit  
Managing Director, TCM Environment Co., Ltd.
4. Ms. Nutthakarn Klovuthi-anun  
Sales & Marketing Director, OKLIN Thailand Co., Ltd.
5. Dr. Wantanee Chongkum  
Advisor, Thai Bioplastics Industry Association (TBIA)  
and Representative, CU 15 Waste Management Campaign Group

**15:30-15:50 Refreshment & Exhibition**

**15:50-16:50 Panel Discussion 3**

**Circular Economy Experience: Be Smart, Be Green: Chaitung Café,  
Chula ZeroWaste, Silpakorn University**

Moderator: Mr. Viboon Punprasert  
Commercial Bioplastic Manager,  
PTT Global Chemical Public Company Limited

Panelists:

1. Asst. Prof. Dr. Sommai Pivsa-Art  
Vice President, Rajamangala University of Technology Thanyaburi
2. Dr. Sujitra Vassanadumrongdee  
Researcher, Environmental Research Institute,  
Chulalongkorn University
3. Asst. Prof. Dr. Supakij Suttiruengwong  
Lecturer, Silpakorn University
4. Ms. Warawan Tippawanich  
Senior Vice President-CAF,  
PTT Global Chemical Public Company Limited

# DAY 2

## Friday 5<sup>th</sup> July, 2019

**CIRCULAR  
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### **16:50-17:50 Panel Discussion: Brand Owners Experiences**

Moderator: Mr. Waris Charoenpanich  
Research and Development Department Manager  
TPBI Public Company Limited.

Panelists:

1. Dr. Weerachat Kittirattanapaiboon  
CEO, Biodegradable Packaging for Environment PLC
2. Mr. Pruitt Kerdchoochuen  
Managing Director, Dairyhome Co., Ltd.
3. Mr. Visnu Vongsumitr  
Head of Coffee Business Group, Bangchak Retail Co., Ltd.
4. Ms. Saiphin Sreewisas  
Business Department Manager, Bio-Eco Co., Ltd.

# DAY 3

Saturday 6<sup>th</sup> July, 2019

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**CIRCULAR  
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- 08:00** Check out and Leave Bangkok
- 8:00 - 10:30** Travel to Rayong Province
- 10:30 - 12:00** Site visit at PTTMCC (PBS Plant)
- 12:00 - 13:30** Lunch and travel to the second factory
- 13:30 - 15:00** Site visit at Total Corbion (Lactide & PLA Plant)
- 15:00 – 18:00** Travel to Bangkok