

INTERNATIONAL CONFERENCE ON GREENING OUR FUTURE

Reshaping the Plastics Industry for Business Sustainability

9 Sep 2025 (Tue) | 09:30 – 17:30

Conference Hall, 4/F, HKPC Building,
78 Tat Chee Avenue, Kowloon, Hong Kong

Target audience:
Stakeholders of
plastic industry
Languages:
English / Cantonese

JOIN US for a one-day conference focused on transforming the plastics industry into a net-zero and circular model. As public concern over plastics-related environmental issues grows, the industry must adapt to stringent regulations and customer demands. Our sessions will cover Plastic Circularity, Net-zero Life Cycle Emissions, and Plastic Safety and Sustainability.

There will also be a mini-showcase demonstrating the latest technologies supporting the green transformation of the plastics industry. You may gain valuable insights into global trends and develop strategies to integrate sustainable practices into your operations.

Please register to this International Conference, don't miss the chance to be part of the change towards a sustainable future!

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to register.

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Any opinions, findings, conclusions or recommendations expressed in this material/event (or by members of the project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region, the Innovation and Technology Commission or the Vetting Committee of the General Support Programme of the Innovation and Technology Fund.



Presentation 1: **Low carbon footprint of PLA with advance recycling**

Mr Eddie Lin

Business Development Manager – Taiwan of Totalenergies Corbion

Mr Lin has 15 years' experience in chemical multinational companies serving plastic industry. He is dedicated to sustainable material promotion by collaborating with value chain players and brand owners in Asia Pacific region since 2022.

Presentation 2: **The Truth about Plastic Materials Plus Scientifically Proven Solutions**

Presentation 6: **Microplastics - Would you Rather be Informed or Afraid?**

Dr Chris DeArmitt

President of Phantom Plastics LLC

Dr. DeArmitt is a world-renowned plastic materials and microplastics expert, award-winning keynote speaker, and author. With over 5,000 studies reviewed, he exposes misinformation and champions science-based decisions on plastics and sustainability, helping industry leaders, lawmakers, and the public see through the myths to the real environmental evidence.



Presentation 3: **Cutting-edge examples of PLA injection molding technology in Japan**

Mr Michio Komatsu

President of Komatsu & Associates

An expert in injection mold technology and bioplastics, Mr Komatsu graduated from the National Institute of Technology, Fukushima, and founded KOMATSU & ASSOCIATES. With 305 patented inventions in bioplastics, Mr Komatsu has received the Science and Technology Award, the Minister of MEXT Commendation and the Prime Minister's Award of Japan's Manufacturing Grand Award. He is also a Fellow of the Institution of Professional Engineers, Japan.



Presentation 4: **Integrated Waste Treatment and Carbon (CO₂) Capture and Conversion Technologies**

Dr Grzegorz Lisak

*Associate Professor of School of Civil and Environmental Engineering,
Nanyang Technological University*

Dr. Lisak is a tenured associate professor at the School of Civil and Environmental Engineering, Nanyang Technological University (NTU) Singapore. He is a director of Residues and Resources Reclamation Center and Deputy Executive Director at Nanyang Environment and Water Research Institute, NTU. He is co-editor-in-chief of Environmental Research journal, Elsevier.

Presentation 5: **The Challenges and Opportunities of Plastic Circularity, Life Cycle Net-Zero Environmental Footprint and Sustainability**

Prof Elvis Au, BBS

Adjunct Professor of the University of Hong Kong and Co-founder of IESG Technologies Ltd

Ir Prof AU, BBS, is the former Deputy Director of Environmental Protection Department of the HKSAR Government and an Adjunct Professor of HKU, focusing on sustainability, circular economy, decarbonisation and life cycle assessment. He is the former President of International Association for Impact Assessment. He has over 40 years of experiences and has masterminded many environmental policies, including the EIA Ordinance, green building and green procurement policies and large waste to energy facilities. He is a co-founder of IESG Technologies Ltd., utilising artificial intelligence and digital technologies for decarbonisation and circular economy.



Presentation 7: **Closing the loop and the circular economy in a bottle-to-bottle model**

Mr Frank Schepers

General Director of TML Plastic Mongolia

Mr Schepers brings 30+ years of recycling expertise. Formerly at Swire Coca-Cola, he led strategies for 30–50% rPET integration. His leadership spans global and local circular economy initiatives, including Hong Kong's New Life Plastics, driving sustainability, cost efficiency, and operational excellence across the sector.

TIME	PROGRAMME
09:00 - 09:30	Registration
09:30 - 09:35	Opening Remarks Mr Edmond Lai Chief Digital Officer of Hong Kong Productivity Council
09:35 - 09:40	Opening Remarks Mr Andrew Hui Chariman of The Hong Kong Plastics Manufacturers Association
09:40 - 09:45	Group photo taking
09:45 - 10:30	Presentation 1: Low carbon footprint of PLA with advance recycling Mr Eddie Lin Business Development Manager – Taiwan of Totalenergies Corbion
10:30 - 11:15	Presentation 2: The Truth about Plastic Materials Plus Scientifically Proven Solutions Dr Chris DeArmitt President of Phantom Plastics LLC
11:15 - 11:30	Break
11:30 - 12:15	Presentation 3: Cutting-edge examples of PLA injection molding technology in Japan Mr Michio Komatsu President of Komatsu & Associates
12:15 - 13:45	Lunch (self-arrange)
13:45 -14:30	Presentation 4: Integrated Waste Treatment and Carbon (CO2) Capture and Conversion Technologies Dr Grzegorz Lisak Associate Professor of School of Civil and Environmental Engineering, Nanyang Technological University
14:30- 15:15	Presentation 5: The Challenges and Opportunities of Plastic Circularity, Life Cycle Net-Zero Environmental Footprint and Sustainability Prof Elvis Au, BBS Adjunct Professor of the University of Hong Kong and Co-founder of IESG Technologies Ltd
15:15 - 16:00	Presentation 6: Microplastics - Would you Rather be Informed or Afraid? Dr Chris DeArmitt President of Phantom Plastics LLC
16:00 - 16:15	Break
16:15 - 17:00	Presentation 7: Closing the loop and the circular economy in a bottle-to-bottle model Mr Frank Schepers General Director of TML Plastic Mongolia
17:00 - 17:30	Closing Remarks Ir Samson Suen General Manager of Smart Manufacturing, Hong Kong Productivity Council