



香港廢物管理學會

Hong Kong Waste Management Association

P.O. Box 28705, Gloucester Road, Hong Kong

<http://www.hongkongwma.org.hk>

### **Technical Seminar: Novel Technology Converting Food Waste into Biogas**

(co-organized with the Hong Kong Institution of Engineers HKIE – Environmental Division)

#### **Date, Time & Venue**

Date and Time: 19 June 2025(Thu), 6:30-8pm (registration starts at 6pm)

Location: Chun Wo & Hsin Chong Rooms, the HKIE Headquarters, 10/F Island Beverley, No 1 Great George Street, Causeway Bay, Hong Kong

#### **Speaker:**

Mr. Jude CHOW,

Founder & CEO of AEL (International Holdings) Limited, Hong Kong

#### **About the Event**

This seminar will explore the pressing issue of food waste in Hong Kong and APEC region shedding light on its environmental and social implications. It will delve into the connection between food waste and climate change, emphasizing how discarded food contributes to greenhouse gas emissions when decomposing in landfills.

The discussion will highlight innovative solutions, particularly the two-stage anaerobic digestion technology, which converts organic waste into biogas, based oil for biodiesel and nutrient-rich protein. This technology reduces the volume of waste sent to landfills and generates renewable energy and organic animal feed or fertilizers, offering a sustainable approach to managing food waste.

The application is an innovative approach to provide local community with food waste treatment, community education, engagement and offering green energy. This approach eliminates transport and deduct carbon footprint compare with conventional waste management.

By examining the challenges and opportunities in both regions, the webinar aims to inspire actionable strategies for reducing food waste and mitigating its impact on the climate. Attendees will gain valuable insights into how governments, businesses, and individuals can collaborate to address this global issue effectively.



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### **Speaker**

Ir Jude Chow is the Founder & CEO of AEL (International Holdings) Limited. Jude graduated from the University of Sydney with a Bachelor degree in Mechanical Engineering, and obtained the Master degree in Engineering Management from the University of Technology, Sydney. He also has an Executive Master Degree in Business Administration from the Australian Graduate School of Management. He is currently a candidate for Doctor of Business Administration at the City University of Hong Kong. In his early years in Australia, Jude had extensive exposure to large-scale construction engineering, airport engineering, and environmental engineering projects. He then took up a regional position in a German technology company and was responsible for projects across 13 countries in the Asia Pacific. After joining AEL, he has led the company to sustainable growth from developing new products and entering into new markets, including Belt and Road countries. He is now working with partners from Europe, local research institutes and universities to build a waste-to-energy solution for the Asian Market. He is also dedicated to contributing to society with active participation in voluntary work and being a mentor for the City University of Hong Kong's School of Energy and Environment, as well as the promotion of sustainability by representing the industry to liaise with Government and overseas counterparts.

Jude is also a member of the China Construction Machinery Association, Engineers Australia, HKIE and IMechE. Jude is also Past Chairman of HKWMA, Past Deputy Chairman of FHKI.

### **Language**

PowerPoint and Presentation in English

### **Registration & Enquiries**

Seat Capacity max: 15 (through HKWMA registration link)

Seats will be on first come first served basis. Pre-registration is required through on-line registration.

<https://forms.gle/4uuopGMf94sVC2ZQA>

Deadline registration is on 13 June 2025 (Friday). Successful applicant will be notified separately. E-certificate will be issued after completion of the technical seminar.