



HONG KONG  
WASTE MANAGEMENT ASSOCIATION  
香港廢物管理學會



## Technical Seminar

### Advanced Thermolysis System (ATS) Technology An Organic Waste Solution

#### Date, Time & Venue

7 Aug 2018, 6:30pm to 8:00pm, Chan Yat Mei Sophie Room, 9/F, HKIE Headquarters, Island  
Beverley, No. 1 Great George St, Causeway Bay, HK

#### Co-organizers

Environmental Division, Hong Kong Institution of Engineers  
Hong Kong Waste Management Association

#### Programme Highlights

In Hong Kong, currently over 10,000 tonnes of municipal solid waste (MSW) is being disposed of in our landfills each day, of which about 3,600 tonnes is food waste. Together with yard waste, over 4,000 tonnes of putrescibles are being disposed of, and this is the largest portion of our community's MSW.

The state of the art ATS Technology utilizes super-heated steam to decompose the organic feedstock to create valuable and high quality end products. The ATS technology is a unique multi-purpose waste conversion system and produces no measurable pollution. This technology should not just be considered as only an energy converting system, but also the top leading-edge waste management system that can be used in many major waste applications such as recovery of landfills, removal of oil and coal waste, deal with manure problems and retreatment of activated carbon. It can be applied by industries to produce carbon black and fuel oil. This ATS Technology is also able to reduce CO<sub>2</sub> emissions when treating waste. To illustrate this new technology, the development of earlier pyrolysis systems will be traced and the disadvantages the other pyrolysis systems encounter will also be discussed.

#### Speaker

Mr Kevin Hull, BBA, is a Director of the Magnum Group International Inc. Canada. He will share some experience in Canada with the participants in this technical seminar.

#### Registration & Enquiries

Online registration is required. For registration, please complete and send the enrollment form via Environmental Division website (<http://ev.hkie.org.hk/>).

For enquiries, please contact Norman Cheng at 94676833.

Attendance certificate will be available.