

# The Chartered Institution of Building Services Engineers

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## *Implementation of Food Waste Collection System for Catering Services*

### Jointly Organised by:



**Date :** 29<sup>th</sup> December 2020 (Tuesday)

**Time :** 6:30 pm to 8:00 pm

**Venue :** Online Seminar via Zoom

**Fee :** Free of Charge

### Programme Highlight:

The mounting food waste problem has recently prompted Hong Kong to promote the reduction and recycling of food waste. As the commercial and industrial sector is one of the major contributors to the waste issue, having the capacity to effectively collect food waste will greatly enhance the recycling and recovery rate of food waste. A pilot small-scale food waste collection system is implemented at a university's catering complex to study the feasibility and cost-effectiveness of the system as an alternative to manual waste collection, and the potential of it being incorporated as a waste management practice in the sector. User experience from catering staff is gathered to provide recommendations on optimisation of the system. Amount of food waste collected increased after system operation, while number of bins required for disposal decreased per day due to waste compaction by system. System collection provided around 13% cost savings, compared to manual collection from 10-year cost analysis.

### Speaker:

**Ir Dr. Horace Mui** is graduated from The Hong Kong Polytechnic University in BEng (Hons) Building Services Engineering in 1996 and he obtained a PhD in the same field in 2001. After receiving industrial work experience in building services design and project management in an international electrical and mechanical consulting company, he joined the Department of Building Services Engineering at the University in 2000 and was Associate Head and Associate Professor now. Apart from University and research field, he also actively involves in community service and sincerely believe that serving the underprivileged, teenagers and the elderly allows him to contribute back to the society. Currently, he is appointed as: Board of Directors of Engineers Without Borders (EWB); Advisor, World Green Organization; Vice-Chairman, The Central and Mid-Levels Area Committee of HKSAR; FSA Honorary Presidents, Fire Safety Ambassador Honorary Presidents' Association, and Member, Advisory Committee for the Fire Safety (Buildings) Ordinance and the Fire Safety (Commercial Premises) Ordinance.

### Language:

Cantonese with English Terminology

### Registration & Enquiries:

Please register through the link <https://cibse.org.hk/>. Applications will be accepted on a first-come-first served basis with a maximum number of 100 participants. **The deadline of application is 7<sup>th</sup> December 2020.** Successful applicants will be notified by email. For enquiry, please contact Ms Rainbow Lai at Tel. 8203 3995.