



Technical Visit to “Automated Waste Collection System (AWCS): Rethinking Solid Waste Management for the Future”

BEM Approved CPD/PDP Hours: 1

Ref. No.: IEM25/HQ/507/V

Date : 06 December 2025 (Saturday)
Time : 11.00am – 1.00pm
Address : Damansara Uptown 7 Parking 48, Jalan SS 21/39, Damansara Utama,
 47400 Petaling Jaya, Selangor
Transport : Transportation provided

SYNOPSIS

To complement the technical insights, participants will take part in a guided visit to an operational Automated Waste Collection System (AWCS) facility. The visit will provide a unique opportunity to observe how waste is efficiently collected, transported, and centralized through sealed underground or overhead pipe networks, eliminating the reliance on conventional garbage trucks while reducing odor, litter, and public health risks.

Participants will be able to witness the full process in action – from waste inlets and chutes that link households and buildings, to the propulsion of waste at high speed through the piping system, and finally to the centralized collection station where waste is stored hygienically in sealed containers for scheduled disposal.

The visit will also highlight the system’s advanced monitoring and control technologies that ensure its operational reliability and efficiency. Beyond the technical knowledge, participants will gain valuable insights into the positive environmental and social impacts of AWCS, including cleaner streets, sustainable waste management practices, and enhanced quality of life for communities.

ITINERARY OF THE VISIT

11.00am - 11.20am : Depart from Wisma IEM
11.20am - 11.30am : Briefing
11.30am - 12.00pm : Residential AWCS Site Tour
12.00pm - 12.30pm : Commercial AWCS Site Tour
12.30am - 01.00pm : Depart to Wisma IEM, Photography, End of visit

**Jointly Organised By : Environmental Engineering Technical Division
 & IEM Young Engineers Section**



Commitment fees (inclusive SST)

**(Non Refundable & non transferable
IEM Member & Non IEM Member :
RM 50.00**

LIMITED TO FORTY (40) PARTICIPANTS ONLY



PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

- The visit is strictly limited to only Forty (40) participants registered on a first come first pay basis.
- Interested members could register and pay online at IEM website (<http://www.myiem.org.my>); or register by returning the appended registration form by 01st Dec 2025 together with the payment.
- Cheques are to be made payable to "The Institution of Engineers, Malaysia".
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that if a place is reserved, IEM may cancel the reservation if payment is not received.
- If IEM maintained the reserved seat and the intending participant failed to attend the visit on the date of the event, the fee will still have to be settled in full.

CALL : 03-7890 0134

MORE CONTACT INFO: www.myiem.org.my / syafiq@iem.org.my

Reply Form

Technical Site Visit to

"Automated Waste Collection System (AWCS): Rethinking Solid Waste Management for the Future"

I wish to participate in the above Technical Visit To AWCS

on 06 Dec 2025 (Saturday).

I enclose herewith Cash / Cheque No for the amount of RM50.00 as my commitment fee for the visit.

Name of Member: _____

M'ship No : _____

Grade: _____

Address: _____

Tel (Off./Res): _____

Mobile : _____

Company's name: _____

I/C No. of participant : _____

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

Date : _____ **Signature:** _____

(Photostat copies are acceptable)



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