

## Half-Day Seminar on “Automated Waste Collection System (AWCS)”

(Co-organised with STREAM Environment Sdn. Bhd.)

**Date** : Saturday, 30 November 2024  
**Time** : 9:00 a.m. – 1:00 p.m.  
**Venue** : IEM (Southern Branch) Training Centre, Johor Bahru, Johor.  
**Speaker** : Ir. Chea Thean Teik, Group Chief Executive Officer, STREAM Group Sdn. Bhd.

### Synopsis



Ever imagine roadside rubbish bins that self-empty, and streets free from visible garbage collection trucks, resulting in a cleaner and more sustainable environment to appreciate? In this session, we will discuss an innovative engineering technology designed to help solve one of the most pressing issues in the world today: solid waste management. The technology, known as the Automated Waste Collection System (AWCS), transports municipal or domestic solid waste through underground or ceiling-height pipes at high speeds from waste chutes or outdoor load stations to a centralized collection station, located away from residential neighbourhoods. The waste, transported through the pipe network, is stored in a fully sealed container that is periodically collected by a conventional arm roll truck. We will explore the various cutting-edge AWCS technologies available to meet the waste removal needs of different types of developments. Additionally, we will discuss the benefits that system sustainability brings to the community and the environment, as well as the challenges we may face in implementing this system.

Time	Tentative Programme
8:30 a.m. – 9:00 a.m.	Registration
9:00 a.m. – 9:05 a.m.	Welcome Speech by IEM (SB) Organising Committee
9:05 a.m. – 10:30 a.m.	Session 1
10:30 a.m. – 10:45 a.m.	Coffee Break
10:45 a.m. – 12:30 p.m.	Session 2
12:30 p.m. – 1:00 p.m.	Question & Answer Session
1:00 p.m.	Closing & End of Talk

### About the Speaker:



**Ir. Chea Thean Teik** is the Group Chief Executive Officer of STREAM Group, Malaysia’s first Central Vacuum Systems (CVS) and Automated Waste Collection Systems (AWCS) company. Ir. Chea joined STREAM Group in 2005 and has since made significant contributions to its development. Today, the company serves over 320 customer projects across Malaysia, Singapore, Australia, China, India, Hong Kong, Taiwan, Qatar, and the United Arab Emirates. As a certified Professional Mechanical Engineer, Ir. Chea possesses a deep understanding of the market, with over 26 years of extensive, multi-country experience in CVS & AWCS, waste management, building M&E services, mechanical handling engineering, project management, and contract administration. Enthusiastic about sharing his knowledge in waste management, Ir. Chea has been invited to speak at universities, corporations, and conferences both locally and internationally in recent years. Ir. Chea has also been awarded the titles of International Professional Engineer (IntPE), APEC Engineer, ASEAN Chartered Professional Engineer (ACPE), and ASEAN Engineer (AER).

### Participant Fees:

Grade	Fee
IEM Members	RM 90.00
Non-IEM Member	RM 150.00

**Closing Date: 26 November 2024**

**EARLY BIRD RATE  
BEFORE 8 NOVEMBER 2024**

**IEM MEMBERS**

**RM 70.00 NETT**

**NON – IEM MEMBERS**

**RM 120.00 NETT**

Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **26 November 2024** together with a non-refundable cheque for the participant fees made payable to ***The Institution of Engineers, Malaysia (Southern Branch)***. Alternatively, you could bank-in the participant fees into the Institution's Maybank Current Account (No. 5-013920-15708), and to email both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)



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**REPLY SLIP**

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 3363406**  
**Half-Day Seminar on “Automated Waste Collection System (AWCS)”**  
Saturday, 30 November 2024, 9:00 a.m. – 1:00 p.m.  
at IEM (Southern Branch) Training Centre, Johor Bahru, Johor.

I wish to attend the above talk. I enclosed herewith a cheque no. .... for the amount of RM.....as payment for the participant fee.

Name of Member: ..... Membership No: ..... I/C No: .....  
Address: ..... Tel(O): .....(Fax).....  
..... Tel (H/P): .....  
..... E-mail: .....

Company's Name: .....

Signature: ..... Date: .....

**Note** : Kindly **email to [iemsouthern@gmail.com](mailto:iemsouthern@gmail.com) the Reply Slip together with the payment slip** for confirmation.  
: Attendance by representative will not be issued with the Certificate of Attendance.

**PERSONAL DATA PROTECTION ACT**

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at [www.myiem.org.my](http://www.myiem.org.my) and I agree to IEM's use and processing of my personal data