



IEM
The Institution of Engineers, Malaysia



Physical Technical Seminar on “Sustainability in HVAC: The Life Cycle of Air-Conditioning

BEM APPROVED CPD: Applying

REF NO: IEM24/HQ/Applying/T (w)

Date : 28 November 2024 (Thursday)
Time : 8.00 am - 02.00 pm
Venue : Daikin Air Solution Learning Center (ASLC)
Speakers : Ts. Lim Vincent
: Ir. Peter Law Huan Ping
: Mr. Phuan Yoong Chin

CLOSING DATE : 21 NOV 2024

REGISTRATION FEE'S (subject to 8% SST)

	ONLINE FEE (RM)	NORMAL FEE (via email / walk in) (RM)
IEM Student Members	50.00	60.00
IEM Graduate Members	50.00	60.00
IEM Corporate Members	50.00	60.00
Non-IEM Members	80.00	90.00

**Limit 50
participants
only**

Organised by Building Services Technical Division (BSTD)
In Collaboration with Daikin Malaysia Sales & Service Sdn Bhd

SYNOPSIS

- The Heating, Ventilation, and Air Conditioning (HVAC) industry plays a significant role in shaping modern living environment, providing comfort and convenience while consuming a substantial amount of resources and energy.
- In response to the growing recognition of environmental concerns and the need for sustainable practices, there has been a notable shift towards integrating sustainability principles into every stage of the HVAC business lifecycle, from design, manufacturing and installation to operation and disposal.
- This seminar offers a comprehensive exploration of sustainable practices within the air conditioning industry, demonstrating how businesses can adopt environmentally responsible strategies to reduce their carbon footprint and contribute to a more sustainable future.
- The seminar is paired with a technical visit to showcase manufacturer capable of implementing sustainability at every stage of HVAC through real demonstrations.

AGENDA

TIME	PROGRAMME
8:30 am – 9:00 am	Registration & Breakfast
9.00 am - 9.15 am	Welcome Speech By IEM & Daikin
9.15 am - 10.00 am	Sustainability In HVAC: The Life Cycle Of Air-Conditioning Part i: Sustainability (Malaysia Green Building Council) : Ts. Lim Vincent
10.00 am - 10.45 am	Sustainability In HVAC: The Life Cycle Of Air-Conditioning Part ii: Life Cycle Of Ac (Daikin Malaysia Sales & Service Sdn Bhd) : Mr Phuan Yoong Chin
10.45 am - 11.30 am	Sustainability In HVAC: The Life Cycle Of Air-Conditioning Part iii: BIM (AD Consultants (M) Sdn Bhd) : Ir. Peter Law Huang Ping
11.30 am - 12.30 pm	Technical Tour
12.30 pm - 12.45 pm	Token of Appreciation to Speakers & Group Photo Session
12.45 pm - 2.00 pm	Lunch & End of Session



INTRODUCTION

- Daikin Malaysia Sales & Service Sdn. Bhd (DMSS) is a subsidiary of Daikin Industries, Ltd. Japan, serving as the marketing company for DAIKIN air conditioners and DEWPOINT products in Malaysia since 1975. With headquarters in PJ, 10 branches and 3 Service Centers strategically located throughout Malaysia including Sabah and Sarawak, DMSS is dedicated in providing high-quality air conditioner products and fast, excellent services in bringing cool comfort to millions of Malaysian.
- DMSS's excellent service and high quality products offer the peace of mind, confidence, and reliability that come with experience and a commitment to customer satisfaction. DMSS is committed to provide highest quality products at affordable cost along with reliable after sales services to customers. The IEM Award for Contribution to Engineering Industry in Power Energy & Green Technology for 2022 acknowledge our achievements, contributions, and excellence in HVAC industry.



Daikin's Air Solution Learning Centre



LOUVER DESIGN – TO SIMULATE AC PERFORMANCE vs LOUVER OPENING



SPLIT UNIT



VRV AHU – WITH FULL COMPONENTS: HEATWHEEL, EC PLUG FAN, CONTROL ETC



IAQ + FILTRATION



CONTROL SYSTEM SOLUTION



CLEAN ROOM DEMONSTRATION

SPEAKERS

Ts. Lim Vincent

After earning a B.Sc. in Architecture from Taylor's University in 2011, Ts. Lim Vincent practiced architecture for three years before shifting to sustainability. He served as an Associate at BGreen Consultancy, Director at BGreen Conevo, and is now Director at Conevo Green Consultancy. With a decade of experience in green building, he has led over 100 projects across Malaysia, with several receiving recognition from the National Energy Award and ASEAN Energy Award.

Vincent also serves as Vice President of Malaysia Green Building Council, having been a Council Member since 2017. He is currently working to standardize certain parameters across various Green Building Rating Tools in Malaysia.



Ir. Peter Law Huan Ping

Electrical Principal, AD Consultants (M) Sdn Bhd

Bachelor of Engineering (Hons) Electrical & Electronics Engineering,
University of Tenaga Nasional.



Ir. Peter Law has more than 13 years working experience in Contracting and Consultant Firms in the Construction Industry, in Malaysia. His experience stretches from building right up to Renewable, Sustainable Engineering and Building Information Modeling (BIM).

Together with his team, he developed detailed 3D MEP models using Autodesk Revit for various construction projects including residential, commercial, and industrial buildings. Collaborating with architects, C&S engineers, and contractors to integrate BIM models into the project lifecycle, enhancing coordination, reducing conflicts and minimizing material wastage.

Mr. Phuan Yoong Chin

Bachelor of Engineering (Hons) in Mechanical Engineering,
University Putra Malaysia (UPM)

Phuan Yoong Chin possesses over a decade of experience in the HVAC industry. His professional journey commenced with a foundational role as a mechanical engineer at a M&E consulting firm, where he developed his expertise over a three-year period. He then joined a company specializing in mechanical ventilation, where he furthered his skills for four years.

Subsequently, he advanced to Daikin as a Senior Engineer in consulting sales, where he is involved in air-conditioning design and focuses on delivering efficient, sustainable air-conditioning solutions.



Hurry!
ATTENTION GRADUATE MEMBERS

To REACTIVATE your membership, you only need to pay:
✓ Annual Subscription 2024
✓ Reinstatement Fee RM 100



DON'T MISS THIS OPPORTUNITY!

CONTACT US
03-78900131 Pn. Fatimah
fatimah@iem.org.my

Only applicable until 31st December 2024 - seize the deal today!

REGISTRATION FORM

Physical Technical Seminar on "Sustainability in HVAC: The Life Cycle of Air-Conditioning

28 Nov 2024 (Thursday) **Closing Date : 21 Nov 2024**

Email : shahrul@iem.org.my / syafiq@iem.org.my

The physical seminar is strictly limited to only **fifty (50) participants** registered on a **first come first pay basis**.

Fees Platform		
	ONLINE FEE (RM)	NORMAL FEE (RM)
IEM Student Members		
IEM Graduate Members		
IEM Corporate Members		
Non-IEM Members (Non of the Above)		

NAME	MEMBERSHIP NO. / GRADE	FEES (RM)
		Sub Total:
		SST Added 8% :
		Total Amount Payable :

PAYMENT DETAILS :

Cash RM _____

Cheque no. _____ for the amount of RM _____ (non-refundable) .

FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address : _____

Telephone No. : _____ (O) _____ (Fax No.)

_____ (H) _____ (HP)

Email : _____

Signature & Stamp

Date