



Registration Number: PPM-002-10-01052019

REGISTERED ADDRESS: 46B, JALAN BOLA TAMPAR 13/14, SECTION 13, 40100 SHAH ALAM, SELANGOR, MALAYSIA

TEL: 603-5513 6354

FAX: 603-5511 2263

E-MAIL: cihmtb2019@gmail.com

**Technical Talk on The Development of eVTOL Air Taxi Infrastructure in
Malaysia and Setiawangsa – Pantai Expressway: The Design and Launching of
a Highway with 3 Malaysia Book of Records**

Organised by the CIHT Malaysian Branch

Date : 11 June 2024 (Tuesday)

Venue : Agenda Suria Convention Centre
Level 1, KM 8, USJ Rest & Service Area,
(GPS Coordinates: 3.02610N, 101.57601E)
Lebuhraya Utara Selatan,
Lingkar Tengah (ELITE),
47630 Subang Jaya
Selangor Darul Ehsan
Malaysia

***CPD Hours: 4**

PROGRAMME

9:00 – 9:30 : Registration
9:30 - 10:30 : Technical Talk 1
10:30 - 11:00 : Q&A for Technical Talk 1
11:00 - 11:30 : Break
11:30 - 12:30 : Technical Talk 2
12:30 - 1:00 : Q&A for Technical Talk 2

CLOSING DATE FOR REGISTRATION: 4 June 2024

ABOUT THE TALK

The Chartered Institution of Highways and Transportation Malaysian Branch (CIHTMB) is organising a technical talk on the following:

Topic 1: Elevating Urban Mobility: The Development of eVTOL Air Taxi Infrastructure in Malaysia

Speaker: Mr Krishan Raj Selvarajoo
Head of Business Development – Advanced Air Mobility, Air Asia

Topic 2: Setiawangsa-Pantai Expressway (SPE): The Design And Launching Of A Highway With 3 Malaysia Book Of Records

Speaker: Ir James Leong Ting Hau
Associate (Zaidun-Leeng Sdn. Bhd)

Please Contact:

Ir. Sivaananthan Chelladurai Tel: 012-310 7868 e-mail: canand19751975@gmail.com
Mr. Yuvan Yogeswaran Tel: 017-227 5550 e-mail: yuvan@hss.com.my

Announcement to Note:

1. Registration Fee : Free for CIHTMB Members and RM 50 for Non-Members
2. Seats are limited (maximum 100). Reservation is on a first come first serve basis.
3. Please confirm your reservation using the registration form attached.
4. *CPD points for this technical talk is subject to confirmation from BEM.
5. *CPD points for professional engineers registered with BEM subject to full attendance.

**INSTITUSI JALAN RAYA DAN
PENGANGKUTAN
(CAWANGAN MALAYSIA 2019)**



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**FOR OFFICE USE ONLY
(CPD HOURS CONFIRMATION)**

Name of Participant

Membership No.

Signature



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Topic 1: Elevating Urban Mobility: The Development of eVTOL Air Taxi Infrastructure in Malaysia

Synopsis



airasia
DRONE

A comprehensive exploration of the groundbreaking strides in Malaysia's urban transportation sector, delves into the potential of electric Vertical Takeoff and Landing (eVTOL) technology, dissecting its promises and applications in addressing the current challenges faced in urban mobility.

Attendees will gain insights into recent regulatory advancements shaping the eVTOL landscape, infrastructure development poised to accommodate these futuristic aircraft, collaborative initiatives with industry leaders, and the environmental sustainability considerations tied to this innovative mode of transport.

The presentation will also acknowledge anticipated hurdles and, crucially discuss innovative solutions to overcome them. Emphasis is placed on the pivotal role of regulatory support, substantial infrastructure investments, and the necessity of securing public acceptance to successfully integrate eVTOL air taxis into Malaysia's urban transportation fabric. By painting a vivid picture of a future where eVTOLs serve as a linchpin in Malaysia's transportation system, this talk aspires to chart a clear and attainable course toward a sustainable, efficient, and seamlessly interconnected urban mobility landscape in the country.

Speaker: Mr Krishan Raj Selvarajoo

Krishan is an aviation professional with more than 10 years working experience in various initiatives and projects that pushes the boundaries of technological and digital transformation in the industry. His experiences includes program/project management, define growth strategies, stakeholders engagement, as well as design, development, and operationalisation of digital and automation platforms especially around customer experiences for low cost airlines.

In his current position as the Head of Business Development for Advanced Air Mobility (AAM) at AirAsia, Krishan is on a mission to find exciting business opportunities and transform AAM into a reality in this region. His primary goal is to make urban air travel more accessible, smarter, and profitable.

Krishan will provide valuable insights into AirAsia's shared vision for leading the way in Advanced Air Mobility (AAM) and his perspective on the infrastructure readiness required for the development of eVTOL industry in Malaysia.



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Topic 2: Setiawangsa-Pantai Expressway (SPE): The Design And Launching Of A Highway With 3 Malaysia Book Of Records

Synopsis



The Government of Malaysia has granted a Concession to Lebuhraya DUKE Fasa 3 Sdn Bhd (LDF3) of to design, construct, manage, operate and maintain the Setiawangsa-Pantai Expressway (SPE) – DUKE Phase 3. SPE is a new 32km long dual-3 lane fully elevated expressway traversing north to south of Kuala Lumpur and serves areas such as University Tunku Abdul Rahman, Wangsa Maju, Setiawangsa, Ampang, the Tun Razak Exchange & Bandar Malaysia development corridor and Kerinchi. SPE has seven (7) interchanges and two (2) on/off ramps. The design and construction of SPE had been very challenging as the expressway route traverses over densely built-up areas in Kuala Lumpur, culminating in the project being awarded with three (3) records by The Malaysia Book Of Records namely:-

- 1) Longest T-Shaped Prestressed Concrete Bridge Span (67.5m)
- 2) Longest Double Deck Carriageway on Single Pier Structure (Dual Direction) (2.104km)
- 3) Longest Elevated Land Bridge (20.686km)

The technical talk will cover:

- a) The Overall Alignment of SPE
- b) The Introduction of BH Girder
- c) The Beam Launching of SPE

Speaker: Ir James Leong Ting Hau

Ir James Leong Ting Hau graduated with a first class honours degree in Civil Engineering from the University of New South Wales, Sydney, Australia. He is a Board of Engineers Malaysia registered Professional Engineer With Practising Certificate, a Member of The Institution of Engineers Malaysia, a Member and Chartered Professional Engineer registered with Engineers Australia and a Member of the Chartered Institution of Highways &

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Transportation (CIHT). He is an Associate of Zaidun-Leeng Sdn. Bhd. with over 20 years of experience in highway engineering design and management of major highway projects such as DUKE Phase 1, DUKE Phase 2 (Sri Damansara Link), SPE (Section 1), Damansara – Shah Alam Expressway (DASH), Upgrading and Widening of Jalan Yew in Kuala Lumpur, Johor Bahru-Nusajaya Coastal Highway and Coastal Highway Southern Link in Iskandar Puteri, Johor.



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REGISTRATION FORM

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a Highway with 3 Malaysia Book of Records**

11 June 2024

Closing Date for Registration: 4 June 2024

Please register the following names for the technical talk:

1.
2.
3.

Company:

Address:
.....

Contact Person:

Tel.:

Mobile:

E-mail:

For registration and further information, please contact

Ir. Sivaanathan Chelladurai	Tel: 012-310 7868	e-mail: canand19751975@gmail.com
Mr. Yuvan Yogeswaran	Tel: 017-227 5550	e-mail: yuvan@hss.com.my