Organised By:
Urban Engineering Development
Special Interest Group (UEDSIG), IEM

Virtual Half Day Course

Introduction to Hydrogen Energy in ESG and SDG Environment

SPEAKER

Ir. NOOR IZIDDIN ABDULLAH BIN GHAZALI

Date: 10 November 2025 (Monday)
Time: 09.00 am – 1.00pm
Platform: Zoom Platform

BEM APPROVED CPD: 4.0 HOURS
REF NO: IEM25/HQ/318/C (w)

Closing Date : 06 NOV 2025

	ONLINE (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	NORMAL FEE (by fax & email) Payment by cash, credit card and bank-in
IEM Student Member	40.00	50.00
IEM Graduate Member	75.00	90.00
IEM Corporate Member	125.00	150.00
Non-IEM Member	240.00	300.00

COURSE OVERVIEW

Hydrogen energy is emerging as a key pillar in the global transition towards low-carbon economies. This half-day virtual course provides a comprehensive introduction to hydrogen as a clean energy vector, framed within the context of Environmental, Social and Governance (ESG) standards and the United Nations Sustainable Development Goals (SDGs). Participants will explore the fundamentals of hydrogen production, storage, and utilization, with a strong emphasis on sustainability, decarbonisation, and the enabling policy landscape. The course links technical understanding with strategic ESG and SDG considerations— addressing how hydrogen projects contribute to climate goals, responsible investment, and energy equity. The session is designed for professionals in energy, sustainability, policy, and finance sectors who seek to grasp the role of hydrogen in the ESG-aligned future of energy systems.

Learning Outcome:

- Understand hydrogen's role in the clean energy transition and its alignment with ESG principles.
- Identify various hydrogen production pathways (green, blue, grey) and their environmental impacts.
- Map hydrogen's contributions to specific SDGs (e.g., SDG 7, 9, 12, 13).
- Recognize the key drivers, opportunities, and risks in hydrogen investment from an ESG lens.
- Discuss Malaysia/ASEAN context in hydrogen development within global sustainability frameworks.

SPEAKER'S DETAILS

Ir. Noor Iziddin Abdullah Bin Ghazali has more than 20 years of technical and leadership roles in the following industries: semiconductor, property, data center & telecom. He previously led sustainability energy programs at 22 government hospitals. Initially in a semiconductor with Spansion then MIMOS. Subsequently to data center development at Cyberjaya for Google, Deutsche Bank, TM, NTT, Petronas, and BMW. Then attach to Mesiniaga as Project Manager for Cisco network implementations at Petronas.

Next with Putrajaya Holdings for the development of green buildings. After that as Electrical Manager at Sunway Property overseeing the M&E projects. Later with edotco (Axiata) as the Regional Head overseeing energy projects in Malaysia, Bangladesh, Sri Lanka, Myanmar, Pakistan & Cambodia using a remote energy monitoring system. Then as Program Manager 4G/LTE modernization with Huawei & Ericsson. Subsequently as the Dean, of Engineering Faculty at UNIMY before joining Medivest as the Head of the Sustainable Energy Program.

Before this managing a clean energy supply & demand (electricity, fuel & water) portfolio at Westports Holdings. Followed by setting up a solar energy & energy storage subsidiary at Worldwide Holdings Berhad. Recently as the Senior Energy Advisor at GIZ (German Development Corporation) for Kuala Lumpur City Council focus on Energy Efficiency (EE) and Renewable Energy (RE) project implementation at more than two dozen sites (planning & execution) to be benchmarked at two dozen megacities around the world in terms of climate change and sustainability including potential district cooling.

As the energy advisor and project management consultant in the clean energy sector, now as Head of Project Development & Management at North Consult Engineering leading a project management consultant for multiple type of large scale solar farm in Malaysia & ASEAN region.

Ir. Noor Iziddin Abdullah Bin Haji Ghazali carries out work related to low carbon activities in supporting UN SDG and ESG agenda based on Kuala Lumpur Climate Action Plan (KL CAP 2050) & Dasar Tenaga Negara (DTN) 2022-2040 besides Malaysia Renewable Energy Roadmap (MyRER) plus National Energy Transition Plan (NETR).

Chairman,
organised BY:
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REGISTRATION FORM

VIRTUAL HALF DAY COURSE ON
INTRODUCTION TO HYDROGEN ENERGY IN ESG AND SDG ENVIRONMENT

10 Nov 2025 (Monday) **Closing Date : 06 NOV 2025**

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

Photocopies are acceptable