

VIRTUAL HALF DAY COURSE ON CARBON EMISSION REDUCTION IN ENERGY SAVING PROJECTS BASED ON FINANCIAL MODELLING

BEM Approved CPD : Applying

Re. no : IEM24/HQ/Applying/c (w)

DATE : 16 DECEMBER 2024, MONDAY

TIME : 9.00AM - 1.00PM

ONLINE PLATFORM

SPEAKER :

Ir. NOOR IZIDDIN ABDULLAH BIN GHAZALI



CLOSING DATE: 13 Dec 2024

	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 SYNOPSIS

By completing this course, you'll be able to:

- Learn the definition of renewable energy and important terms used in the industry plus understand the simple interaction between energy efficiency with a renewable energy project and green building initiative towards low carbon cities,
- Fundamental of carbon emission calculation towards ESG and UN SDG,
- Construct a financial model for a renewable energy project based on the provided assumptions beside calculate the key return metrics (NPV, IRR, cash flow, and payback) and capital stack to assess the profitability of the project through cash flow,
- Learn about the utility grid interconnection at distribution plus transmission line for supply & demand of any source of renewable energy.

COURSE STRUCTURE

Time	Details
9.00am to 10.45am	Renewable Energy, Green Building and Energy Efficiency method
10.45am to 11.00am	Tea break
11.00am to 1.00pm PV/Storage and	Discussion on FM sample of Solar Biomass/WtE/Biogass plus fuel cell
1.00pm	Q&A & Closing

SPEAKER'S PROFILE

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 Medinvest 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).

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

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.

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REGISTRATION FORM

VIRTUAL HALF DAY COURSE ON

"CARBON EMISSION REDUCTION IN ENERGY SAVING PROJECTS BASED ON FINANCIAL MODELLING"

16 December 2024 (Monday) **Closing Date : 13 December 2024**

No	Name(s)	Email	Membership No.	Grade	Fee (RM)
SUB TOTAL					
+ 6% SST					
TOTAL 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