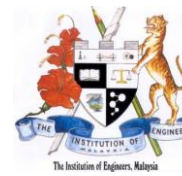


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1 DAY SEMINAR ON THE APPLICATION OF ENGINEERING FINANCE METHODOLOGY IN STRUCTURING A (LONG-TERM) FINANCIALLY SUSTAINABLE PROJECT

Tuesday 18 June 2013

**By
 Ir. Prof. Madya Dr Maulud Abdul Latif**

Venue: C&S Lecture Room, Wisma IEM

**BEM Approved CPD/PDP Hours: 7
 Ref: IEM/HQ/121/S**

<u>Registration Fee</u>	<u>Online</u>	<u>Normal</u>
IEM Student Member	RM200.00	RM250.00
IEM Graduate Member	RM600.00	RM700.00
IEM Corporate Member	RM600.00	RM700.00
Non IEM Member	RM900.00	RM1000.00

Closing Date: 14 June 2013

NO online registration will be allowed after the closing date

**Organized by:
 Oil, Gas & Mining Technical Division, IEM**

Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

REGISTRATION FORM

Fax: 03-7957 7678 Email: syafini@iem.org.my

Name(s)	Grade & Membership No.	Fees (RM)
Total Amount Payable		

Company: _____

Address: _____

Mobile: _____ Tel(O): _____ Fax: _____

Email: _____

Please write clearly as the "Information Update" will be sent via email

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS

Cash RM _____

Cheque no. _____ for the amount of RM _____ (non refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.

IMPORTANT NOTES

- **FOR ONLINE REGISTRATIONS**, ONLY ONLINE PAYMENT IS APPLICABLE [VIA RHB AND MAYBANK2U -PERSONAL SAVING & PERSONAL CURRENT ; CREDIT CARD - VISA/MASTER
- PAYMENT VIA CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN WILL BE CONSIDERED AS NORMAL REGISTRATION
- FOR ONLINE REGISTRATIONS, PLEASE NOTE THAT **PAYMENT MUST BE MADE "ONLINE" BEFORE THE CLOSING DATE**. IF PAYMENT IS NOT RECEIVED AND VERIFIED WITHIN THE STIPULATED TIME, THE REGISTRATION FEE WILL BE REVERTED TO THE NORMAL REGISTRATION FEE.
- **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 PARTICIPANTS FAIL 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. REGISTRATION FEE INCLUDES LECTURE NOTES, REFRESHMENT AND LUNCHES
- **THE ORGANIZING COMMITTEE RESERVES THE RIGHT TO CANCEL, ALTER, OR CHANGE THE PROGRAM DUE TO UNFORESEEN CIRCUMSTANCES. EVERY EFFORT WILL BE MADE TO INFORM THE REGISTERED PARTICIPANTS OF ANY CHANGES. IN VIEW OF THE LIMITED PLACES AVAILABLE, INTENDING PARTICIPANTS ARE ADVISED TO SEND THEIR REGISTRATIONS AS EARLY AS POSSIBLE SO AS TO AVOID DISAPPOINTMENT.**

Synopsis

The primary objectives of Engineering Finance are to *Create Cost Conscious Global Professionals*. Engineering Finance is a sub-set of Engineering using financial methodology to ensure the long-term viability and sustainability of a project.

The course will delve on:

- Definition and concept of Engineering Finance.
- Fundamental principles of the engineering finance methodology e.g. “Bridging” of “Engineering” with “Finance”, MAL Cost Efficiency Model, Economic Efficiency vs. Engineering Efficiency, Critical Component Analysis etc.
- Applications of Engineering Finance - using actual cases to illustrate the uses of EF methodology in market positioning, product-technology option matrix etc.

Case studies to be used:

- Using the Engineering Finance methodology in Re-engineering of a coal mining concession in Indonesia for listing purposes.
- Using the Engineering Finance methodology for a Private Financing Initiatives (PFI) proposal in a hostel project.

Target audience - All Engineers and Accountants:

- MBA, all post-graduate especially engineering, academic and admin staff
- Private Corporations
- government agencies

Programme:

08.30 – 09.00 am	Registration
09.00 – 10.15 am	Introduction to Engineering Finance – Concept and Process
10.15 – 10.30 am	Break
10.30 – 01.00 pm	Uses and Application of Engineering Finance
01.00 – 02.00 pm	Break
02.00 – 03.00 pm	Implementation Structure, Project Management and Techno-Financial Model Structure
03.00 – 03.45 pm	Case Studies
03.45 – 04.00 pm	Break
04.00 – 05.30 pm	Case Studies.. cont

ABOUT THE COURSE LEADER

Ir. Prof. Madya Dr Maulud Abdul Latif

EngD Engineering Finance (UTM/Britain), MBA Finance (Aust), BSc (Hons) Mining Eng (Britain), Dip Mech Eng (UTM)

Head of Department of Renewable Energy Policy and Financial Modelling Studies
Institute of Hydrogen Economy, Universiti Teknologi Malaysia

Ir. Prof. Madya Dr Maulud Abdul Latif obtained his Engineering Doctorate (EngD) in Engineering Finance at the UTM/University of Warwick. He also holds an MBA Finance from the University of Queensland Business School, a B. Sc. (Hons) Mining Engineering from the University of Wales and a Diploma in Mechanical Eng. from Universiti Teknologi Malaysia. In addition, he holds the Dredgemaster Certificate of Competency and is a member of the Board of Professional Engineers, Institute of Engineers and Institute of Mineral Engineers.

He started his career in Malaysia Mining Corporation in 1977 and have extensive experience in project feasibility studies (technical, marketing and finance) and mine management. Between 1984 and 1992, he worked with various reputable organizations including Permodalan Nasional Berhad and Ministry of Finance. He has acquired vast corporate experience not only in project financing but also corporate restructuring and turnaround. He was also involved in privatization projects. Since 1992 he was actively involved in project feasibility studies in various sectors like power generation, renewable energy, coal mining and property development projects from Indonesia to India, Australia and Malaysia. He was involved in both Technical and Financial engineering of projects from inception to construction and operation. Amongst his consultancy work include re-engineering of two coal mining companies in Indonesia for listing on the Australian Stock Exchange.

Currently he heads the Dept of Renewable Energy Policy and Financial Modelling Studies at the Institute of Hydrogen Economy, Universiti Teknologi Malaysia. In addition, he is also the Business Development and Engineering Finance Adviser to the PFI team on the development of UTM facilities and member of the UTM Innovation Commercialisation Committee, UTM Technical Advisory Council and UTM Centre of Ocean Thermal Energy Technology. He is also involved in the commercialization of strategic facilities using Hydrogen Fuel Cell and Microturbine.

Ir. Prof. Madya Dr Maulud Abdul Latif was also the Business Development and Engineering Finance Advisor to the Selangor Menteri Besar Incorporated on the Klang River Rehabilitation project and the Selangor Water Supply Restructuring Project.

“... This Engineering Finance methodology is expected to revolutionise the thinking and work culture of engineers in the future....”

(CIDB Malaysia and India Conference 2012)

Objective of the Engineering Finance methodology is to create Globalised Professionals.

(Prof Dr Ir Maulud Abdul Latif)