



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON "IS YOUR PROJECT FINANCIALLY VIABLE? HOW ENGINEERS CAN ADVISE FINANCE TO MAKE THE PROJECT SUCCESSFUL"

(Organised by Oil, Gas & Mining Technical Division, IEM)

Date : 16th August 2014 (Saturday)
Time : 9.00 am to 11.00 am (Refreshments will be served at 8.00 am)
Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM,
Petaling Jaya
Speaker : Ir. Prof. Madya Dr. Maulud Abdul Latif

BEM Approved
CPD/PDP HOURS: 2 hours
Ref No: IEM14/HQ/266/T

SYNOPSIS

Engineering project in most cases is constrained by the financial availability. Final decisions are made by Financial Controller who may not be well verse in alternative designs that can provide better return to the organization. To bridge this gap, engineers must have the financial acumen to support their project proposal to make it more attractive to the organization. A simple way for engineers to understand finance is through the Engineering Finance[®] methodology.

The talk will be an introduction on how to (re)structure projects to ensure sustainability using the Engineering Finance^(c) methodology and its tool called Techno-Financial Model^(c). It is also to inculcate cost consciousness amongst directors and senior and middle management facing heavy responsibilities in a borderless and globalised world and to expose them to the many uses of Techno-Financial Model (TFM) in considering different Technology or Product options that could optimise returns.

In short, Engineering Finance can be described as the 'bridge' that bridges the gap between "Engineering" and "Finance" to structure a cost-efficient project design/plan that is financially viable. This Engineering Finance methodology could also be used to evaluate the impact of "Technology" and "Product" changes on the IRR, i.e. financial viability. It can also be used to identify the project's Critical Component (CCA) that could undermine the viability of the project. TFM can also be used in producing a construction budget and Operation & Maintenance (post construction) budget.

BIODATA OF SPEAKER – Consultant, Trainer and Author



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

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

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.

Currently he is a Trainer and Consultant in Engineering Finance and Techno-Financial Modelling.

Ir. Ahmad Rafidi Mohayiddin
Chairman
Oil, Gas & Mining Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

1. Talk is for IEM members only (pre-registration is **NOT** required).
2. Telephone and/or fax reservation will **NOT** be entertained.
3. **Non members** may also attend the talk and will be charged a registration fee of **RM 50** and an administrative fee of **RM 10**.
4. For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer to www.myiem.org.my/content/memorandum_of_understanding-469.aspx
5. Limited seats are available on a "first come first served" basis (maximum 110 participants).
6. IEM members are required to produce your **membership cards** for confirmation of attendance (CPD purpose).
7. Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.

IEM members who fail to produce their membership cards will be charged a fee of RM20.00

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants RM10.00 administrative fee for talks organized by IEM.
- The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM
- Students are however exempted.

Your understanding is greatly appreciated.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature: