

Talk on Global Landbridge (OBOR) and Ocean Thermal Energy (OTEC) Using the Engineering Finance Methodology in Designing "Cost Efficient" Projects to Enhance the Return on Investment

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

Date : 8th July 2017 (Saturday)
Time : 9.00am to 11.00am (*Refreshments will be served at 8.30am*)
Venue : TUS and C&S Lecture Room, 2nd Floor Wisma IEM, PJ
Speaker : Ir. Prof. (B) Dr. Maulud Abdul Latif

BEM Approved CPD/PDP: 2 hours
Ref. No.: IEM17/HQ/133/T

SYNOPSIS

With the advent of advanced technologies, the world is fast becoming a truly borderless world. These technologies will see the development of mega infrastructure projects that will be a game changer. Amongst them: OBOR – the Global Landbridge, and OTEC - Ocean Thermal Energy Conversion, which will see Hydrogen as the Fuel for the Future.

The talk will be in three parts:

Using the **Engineering Finance** Methodology in Creating "Cost Efficient" Projects to be at Par with International Players

OBOR: Global Landbridge the Global Infrastructure Projects That Will Be a Game Changer for Future Generations – How Will it Affect the Malaysian Economics

OTEC: Fuel for Future Generations – Replacing Fossil Fuel as a Low Carbon Fuel

Understanding Project Management methodology is a crucial aspect before applying the Engineering Finance methodology in (re)structuring the project and businesses. Different mind-sets are required at different stages of implementing projects; let it be the business development stage, construction stage or the O&M stage. This is a multi-discipline approach.

BIODATA OF SPEAKER



Ir. Prof. (B) 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 Dredgemaster 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 (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 viability 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. (B) Dr. Maulud 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 (2010)

Ir. Prof. (B) Dr. Maulud was the creator of the Engineering Finance methodology that enables the creation of "Cost Efficient" project designs. This will enhance the return on investment of projects. Currently he conducts workshops in Engineering Finance and Techno-Financial Modeling. He is also a Consultant working hand in hand with projects developers to enhance their project returns. He is the author of a book entitled "**Financial Modeling for Engineers and Accountants Made Easy**" and he is currently authoring his second book on the subject matter entitled "*Engineering Finance and Techno-Financial Model for Engineers and Accountants Made Easy*". Present projects being undertaken are: Palm Oil Mill Bio-Hub (Sumatra), Melaka International Maritime Entrepot (MIME), Robotic Carparking System and Smart City.

Ir. Mohd Azwira Mohd Azmi
Chairman
Oil, Gas & Mining Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- **Non-members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Limited seats are available on a "first come first served" basis (maximum 100 participants). **To secure your seat, kindly register online at www.myiem.org.my.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- Student Members are however exempted.

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