



TALK ON
"THE ROLE OF 21st CENTURY ENGINEERS IN SUSTAINABLE DEVELOPMENT"

(Organised by Mechanical Engineering Technical Division IEM)

BEM Approved CPD/PDP Hours: 2

Ref No: IEM12/HQ/147/T

Date : **21 May 2012 (Monday)**
Time : **5.30pm -7.30pm** (*Refreshments will be served at 5.00pm*)
Venue : **TUS Lecture Room, 2nd Floor Wisma IEM**
Petaling Jaya
Speaker: **Ir. Dr Aidil Chee Tahir**

SYNOPSIS

From the daily headlines that we see today, on the issues of climate change, world poverty and food safety, it is without a doubt that global sustainability is starting to gain significant attention from the major media around the world. This sentimental reaction on the issues of sustainable development is the consequence of the misalignment of the world's global economy in relation to the expectations and needs of today's communities i.e. community well-being. The rapid expansion of industrial activities and the traditional governmental policies which both focus more on the economic bottom line at the expense of environmental and social obligations is a major catalyst for such misalignment. As a consequence of this mind-set, irresponsible practices such as uncontrolled pollution and indiscriminate use of natural resources have occurred freely resulting in wide spread degradation of the environment. This has also caused the lack of social cohesion to occur due to the unfair distributions of wealth and benefits widening the gap between the rich and the poor. How can we resolve these issues? What needs to be done? Who should be responsible to resolve these issues? These are compelling questions that need to be answered. If one would to look back at the engineering profession of yesteryears, we would find that engineers have always played a pivotal role in our lives. They have provided us with many great inventions that have enhanced and improved our quality of life. In light of this, engineers need to take up the responsibility to resolve these global sustainability challenges to help protect the well-being of the present and future generations to come. This presentation deliberates on how engineers can take a leadership role in addressing these global issues on sustainability.

BIODATA OF SPEAKER

Ir. Dr. Aidil Chee Tahir has more than 11 years experience working in the corporate sector of Malaysian GLCs focusing on areas of sustainability and corporate strategy. He obtained a Doctorate of Philosophy in the field of sustainability metrics from the Engineering Science Department at the University of Oxford and read a degree in Mechanical Engineering at Imperial College London. He was also educated in England at Malvern College and St John's Institution in Kuala Lumpur. At present he is an employee of Sime Darby Plantations where his responsibilities cover quality assurance, operational excellence, and developing corporate strategic roadmaps and business development opportunities in sustainability for the palm oil business. He is a certified Professional Engineer by the Board of Engineers Malaysia and a corporate member with the Institution of Engineers Malaysia (IEM). At present, he also serves as a committee member on the Mechanical Engineering Technical Division of IEM. He has published papers on sustainability in international journals and have presented on the subject matter in both international and local conferences throughout the world.

Ir. Noor Hisham Yahaya
Chairman
Mechanical Engineering Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

1. Talk is **STRICTLY** for IEM members only (pre-registration is **NOT** required)
2. Telephone and/or fax reservation will **NOT** be entertained
3. Limited seats available on a "first come first served" basis (maximum 110 participants).
4. IEM members are required to produce your membership cards for confirmation of attendance (CPD purpose).
5. 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