



# The Institution of Engineers, Malaysia

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## Talk on

# “The Role of 21<sup>st</sup> Century Engineers in Sustainable Development”

(Organised by the Mechanical Engineering Technical Division, IEM)

BEM Approved CPD Hours: 2 hours Ref No: IEM15/HQ/264/T

Date : 5 September 2015 (Saturday)  
Time : 9.00am – 11.00am (Refreshments will be served at 8.30am)  
Venue : TUS & C&S Lecture Room, 2<sup>nd</sup> 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 13 years experience working in the corporate sector of Malaysian GLCs focusing on areas of corporate sustainability and corporate strategy. He obtained a Doctor 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. At present he is the Head of Sustainability Excellence reporting directly to the Group Chief Operating Officer of Sime Darby. He is a certified Professional Engineer by the Board of Engineers Malaysia and a corporate member with the Institution of Engineers Malaysia (IEM). He also serves as a committee member on the Mechanical Engineering Technical Division of IEM.

**Ir. Fam Yew Hin**  
**Chairman**  
**Mechanical Engineering Technical Division, IEM**

### ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- 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.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at [www.myiem.org.my](http://www.myiem.org.my) under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- 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 RM25.00. GST is inclusive.***

### ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of RM15 is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

### CPD HOURS CONFIRMATION

Name: .....

Membership No: .....

Signature: .....