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## Talk On

### “Opportunities in the Nuclear Supply Chain for Local Companies”

(Jointly Organized by Nuclear Sub-Group of Consulting Special Interest Group, Engineering Education Technical Division, IEM, Engineers Australia Malaysia Chapter & Institution of Mechanical Engineers (IMechE) Malaysia Branch  
 BEM Approved CPD/PDP Hours: 2 Ref No: IEM15/HQ/047/T

Date : **18 March 2015 (Wednesday)**  
 Time : 5.30p.m – 7.30p.m (*Refreshment will be served 5.00 p.m*)  
 Venue : Auditorium Prof. Chin Fung Kee, 3<sup>rd</sup> Floor, Wisma IEM  
 Speaker: Sheriffah Noor Khamseah Al-Idid binti Dato Syed Ahmad Idid

#### **SYNOPSIS**

Presently 435 nuclear power reactors in operation in 30 countries are delivering cost competitive electricity to consumers, creating significant job, investment and business opportunities, supporting enterprises, contributing significantly to these nations economic growth  
 Several key factors including diversifying energy sources for enhancing energy security and initiatives to reduce carbon emission , amongst others have put nuclear back on the political, business and social agenda of many nations contributing to the 72 new nuclear power plants being currently constructed  
 This presentation aims to provide an overview of the Opportunities in the Nuclear Supply Chain and briefly outlines Malaysia’s experience in construction, manufacturing and services sector with potential to enter and invest in the Nuclear Supply Chain

#### **BIODATA OF SPEAKER**

Ms Sheriffah Noor Khamseah Al-Idid , received B.Sc. (Hons) and Masters degree majoring in Physics from Imperial College, University of London, United Kingdom in 1983 and 1984 respectively. She is an Innovation and Nuclear Advocate. Ms Sheriffah has served as Special Officer to the Science Advisor to Malaysia’s 4<sup>th</sup> Prime Minister (Tun Mahathir bin Mohamad ) and was instrumental in supporting the Science Advisor ( Tan Sri Omar Abdul Rahman) in developing strategies and plans to promote high-tech businesses and high-tech financing .

#### **Financing Innovation**

Ms Sheriffah had advocated for the introduction of Financing Innovation in Malaysia aimed at supporting high-tech businesses, in recognition that traditional financing mechanisms which required collaterals were not suitable for supporting high-tech businesses. Ms Sheriffah had served as Chairman for the Report on Enhancing Venture Capital Financing in Malaysia and was Strategist and author for the Report on Introducing and promoting Business Angel Financing in Malaysia. Several Recommendations from these two reports were accepted and incorporated by Bank Negara Malaysia in their 10-Year Financial Sector Master Plan.

#### **Technological Innovation**

In recognition of the importance and impact of Technological Innovation on business, academia and nations, Ms Sheriffah has written a book on “ Technological Innovation” which was launched by YAB Tun Abdullah Hj Ahmad Badawi, Malaysia’s 5<sup>th</sup> Premier at the 10<sup>th</sup> World Islamic Economic Forum ( 10<sup>th</sup> WIEF) in Dubai in October 2014.

#### **Nuclear Power**

Ms Sheriffah is presently leading initiatives on Nuclear Supply Chain (NSC) and contributes significantly to Nuclear Education and Training as well as Financing Nuclear Power

#### **Nuclear Supply Chain**

Ms Sheriffah had proposed to PEMANDU, the team in the Prime Minister’s Department, monitoring Malaysia’s Economic Transformation Programme ( ETP) regarding the strategic need for Malaysian industries to be updated regarding ( business & investment ) opportunities in the Nuclear Supply Chain. It is within this context that Ms Sheriffah regularly meets and presents to Industry and Professional Associations regarding Opportunities in the Nuclear Supply Chain and actively connects international nuclear suppliers with these industry and professional associations.

#### **Nuclear Education and Training**

Ms Sheriffah’s commitment for promoting Nuclear Education and Training is widely recognized. She has been invited by the International Atomic Energy Agency (IAEA), based in Vienna as Consultant to advice the Agency on Cooperation in Nuclear HRD between countries advanced in Nuclear Power Programme (NPP) and countries embarking in NPP.

#### **Financing Nuclear Power**

In view of the significance of financing nuclear power, Ms Sheriffah has been invited to present a number of papers on Financing Nuclear Power at International Nuclear Power Conferences. Additionally her paper of “Economics and Financing of Nuclear Power” was commended by the IAEA and she was encouraged by the Agency to continue her work in this area to support and complement the Agency’s initiatives in this field.

#### **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 be charged a registration fee of **RM50** and an administrative fee of **RM15**.
- 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 [www.myiem.org.my/content/memorandum\\_of\\_understanding-469.aspx](http://www.myiem.org.my/content/memorandum_of_understanding-469.aspx).
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your 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.  
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- The fee would be used to cover 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.

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**Chairman**  
**Consultancy Special Interest Group, IEM**