



### **Visit by Hong Kong Institution of Engineers**

by Dr Siow Chun Lim

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On 29<sup>th</sup> May 2017, the Institution of Engineers Malaysia (IEM) via Electrical Engineering Technical Division (EETD) has successfully hosted 7 delegates from Hong Kong Institution of Engineers (HKIE). In the morning, the delegates were first brought to visit Diamond Building of the Energy Commission at Putrajaya.

As a start, participants learned about the various energy-saving innovations embedded in the building via a brief video presentation as shown in Figure 1.



Figure 1: Delegates attending to the brief video presentation at Diamond Building

This was then followed by a tour in the building where they stopped by at the meeting room which is designed to maximise sunlight penetration to the room as well as the rooftop where solar panels were installed. In line with the concept of sustainable building, the building was designed to enhance energy efficiency as well as to improve water efficiency.

Figure 2 signifies the end of the visit to Diamond Building after both IEM EETD and HKIE presented tokens of appreciation to the Energy Commission.



Figure 2: HKIE, EETD and Suruhanjaya Tenaga (Energy Commission)

The next stop for the delegates right after lunch was at the Headquarters of Pertubuhan Arkitek Malaysia (PAM) which is also known as Malaysian Institute of Architects. This is yet another building with Platinum rating according to Green Building Index in addition to Diamond Building. Located at Bukit Bangsar, this building was designed based on the minimalist concept to reduce energy consumption. Rain harvesting system as well as optimisation of sunlight for internal lighting are some of the key concepts of the building. The existing structure of the three lowest floors is actually retained in line with the minimalist design approach. Figure below marks the end of this visit.

The visit by HKIE concluded with a networking dinner organised by EETD as shown in Figure 4. Guests from IEM Young Engineers Section (YES) and PAM were also present. During this dinner, the HKIE delegates learned more about IEM and vice versa via a series of presentations on IEM as well as HKIE. Figure 5 illustrates Mr. Alex presenting on the general info on HKIE. The visit officially ended with an exchange of tokens of appreciation between EETD and HKIE.



Mr. Alex presenting on the general info on HKIE