



The Institution of Engineers, Malaysia

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Technical Visit to Sime Darby Idea House, Denai Alam

(Organised by the Mechanical Engineering Technical Division)

Date : **15 June 2015 (Monday)**
Time : 9:00 a.m. – 1.00 p.m.
Venue : Denai Alam Sales Gallery, Persiaran Metafasa, Seksyen U16, Denai Alam, Selangor.
Transport: Coach will be provided. **(Coach will depart at 8.15 am sharp)**

BEM Approved
CPD/PDP Hour: 3 hours
Ref. No.: IEM15/HQ/199/V

SYNOPSIS



The Sime Darby Idea House is a socially, economically and environmentally responsive prototype dwelling that would provide an insight into future tropical living, showcasing the latest in sustainable architecture in its quest to become the first carbon-neutral residence in Southeast Asia. This house is a collaboration involving the world's leading technology and solutions providers – architects, engineers, landscape designers, urbanists, contractors and suppliers. The collaboration brings together some of the best innovations, solutions and technology available from these companies in their respective field to improve energy efficiency in homes and reduce the consumption of limited resources. The house is orientated to minimize heat gain and lower cooling loads. Its deep overhangs provide shade and weather protection, reducing reliance on mechanical ventilation, cooling systems and its associated costs. 'Grey water' from basins and showers is recycled to flush the WCs. Aerating the showers

saves 64 liters per day. The rainwater captured by the sloping roof is collected to irrigate the vegetation within the development. The water harvested is 100% recycled to cater for a family of five. The Idea House has won the following list of international awards such as Winner of BCI Asia Green Leadership Citation Award 2011, Awarded BCA Green Mark Platinum Rating 2011, Winner of Best Green Development (Future) at the Cityscape Asia Awards 2010, Winner of Cityscape Dubai Environmental Award 2009 and Shortlisted for the prestigious World Architecture Festival awards 2011.

ITINERARY OF THE VISIT

Time	Itinerary
8.30am – 9.00 m	Registration
9.30 am – 9.45 am	Arrival of Guest / Participants
9.45am – 11.30am	Briefing on the Idea House Journey / Concept / Process / Lesson Learn / Q & A
11.30am - 12.30 noon.	Technical Tour of Idea House for hands- on experiences
12.30pm – 1.30pm	Lunch & Networking
1.30pm	End the Visit

- ✓ The visit is strictly limited to **30 participants** registered on a first-come, first-served basis.
- ✓ Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form **before 11 June 2015** together with the payment.
- ✓ Cheques are to be made payable to **The Institution of Engineers, Malaysia.**
- ✓ Please note that the commitment fee must be settled prior to the visit. Payment on the day of the visit is not acceptable.
- ✓ After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- ✓ Members are also reminded that if a place is reserved, IEM *may* cancel the reservation if payment is not received.

Ir. Fam Yew Hin
Chairman Session 2015/2016
Mechanical Engineering Technical Division, IEM

Commitment fees (inclusive GST)
(Non refundable & non transferable)
IEM Member : RM 50.00 Non IEM Member : RM 80.00

REPLY SLIP (Fax to : 03-7957 7678) (Email: ruhaida@iem.org.my)

Chairman, Mechanical Engineering Technical Division, IEM
The Institution of Engineers, Malaysia

Technical Visit to Sime Darby Idea House, Denai Alam

I wish to participate in the above visit on **15 June 2015**. I enclosed herewith a cheque No for the amount of as my commitment fee for the visit.

Name of Member :
Company's Name :
Position :
Address :
.....
.....

M'Ship No :
NRIC :
Email :
Tel :
Mobile :
Fax :

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....
(Date)

.....
(Signature)

*Please bring along this flyer for confirmation of attendance
(Photostat copies are acceptable)*