

GBI WORKSHOP 2018

BEIT 2018 & WE CALCULATOR

FREE SOFTWARE

HRDF
claimable

*in conjunction with MalaysiaGBC Raya Networking Dinner

11th July 2018 | Wednesday | 9:00am - 6:15pm
Arcadia I & II, Hotel Armada, Petaling Jaya

Registration Fee :

RM 400 for MGBC Member

RM 450 for Affiliated Member

RM 500 for Non Member

*Less RM50 for early bird price until 27th June 2018

Pre-requisite information for participants :

1. Participants are required to download the BEIT 2018 software from www.greenbuildingindex.org (scroll to bottom of Home page).
2. Participants must bring own laptop with Microsoft Office Excel (XLSX format) installed and are encouraged to test the BEIT 2018 software for compatibility before the workshop.
3. GBI WE Calculator will be distributed in pendrive during the workshop.
4. Basic understanding of OTTV, RTTV, building energy usage and WE criteria would be helpful.

Organised by



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www.MGBC.org.my

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Programme

0900 Registration & Setting Up Laptops with GBI WE & BEIT 2018 Software

0930 Opening Address

by President / Education Chair

0945 How GBI WE Calculator Works

by Ir Lam Kim Seong

1100 Coffee Break

1115 WE Exercise 1: Residential Building (Landed)

by Ir Lam Kim Seong

1200 WE Exercise 2: Residential Building (Highrise)

by Ir Lam Kim Seong

1230 WE Exercise 3: Office Building

by Ir Lam Kim Seong

1315 Lunch

1430 Air Conditioning Co-Efficient Performance

by Daikin Malaysia Sales & Service Sdn Bhd

1500 WE Exercise 4: Hotel

by Ir Lam Kim Seong

1530 Intro to BEIT 2018

by Ir Chen Thiam Leong / Ir Ahmad Izdihar Supaat

1545 BEIT Exercise 1: Office Building of Moderate Complexity

by Ir Chen Thiam Leong / Ir Ahmad Izdihar Supaat

1630 Coffee Break

1645 BEIT Exercise 2: Office Building of High Complexity

by Ir Chen Thiam Leong / Ir Ahmad Izdihar Supaat

1730 Glass Performance

by Ajiya Berhad

1800 Question & Answer Session

1815 End & Continue with MalaysiaGBC Raya Networking Dinner

*** Participants are pleased to join MalaysiaGBC Raya Networking Dinner starting at 6:15pm onwards**

BEIT 2018 & WE CALCULATOR

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9:00am - 6:15pm
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GBI has developed BEIT 2018 energy simulation software from BEIT 2018. It enables designer and client to simulate energy required to run a building in simple steps. Simulation take OTTV, AC, Lighting and other energy factor into consideration to create a energy report that reflects the actual building.

Water Efficiency Calculator

The integrated water-use and water efficiency calculator software will assist the user to determine the most viable water efficiency strategy to be adopted.

Key functions include:

- perform calculations under the water efficiency criteria of Green Building Index tools
- streamline calculation in line with the credits under water efficiency criteria
- ease the calculating and subsequent checking and assessment process

Main feature:

Determine water consumption for:

- Domestic usage of water fittings and fixtures
- Landscape irrigation
- Make-up supply for water cooled air conditioning system

Alternative water sources such as recycled waste water, air conditioning condensate water recovery and rainwater will be included in the program. The program will generate the anticipated use of water for different operations and integrated in totality. Various scenario of resultant water consumption may be then be computed to assist the user to simulate different water efficiency strategies.



Ir. Chen Thiam Leong
Chairman, GBI Accredited Panel Member
Green Building Index Sdn. Bhd.

Ir. Chen Thiam Leong is a Past President of the Association of Consulting Engineers Malaysia (ACEM), the Institution of Fire Engineers Malaysia (IFEM) and the Malaysian Chapter of ASHRAE. He is also Advisor to the Malaysian Air-Conditioning & Refrigeration Association (MACRA) and the Building Automation System Association of Malaysia (BASAM).

Chen is a practising Consulting Engineer and is the Managing Director of Primetech Engineers Sdn Bhd based in Kuala Lumpur. Notable projects include the New Securities Commission HQ which was Malaysia's first winner of the ASEAN Energy Award (where he introduced the concept of totally ductless and uninsulated floor plenum for comfort air-conditioning exceeding 600 sq.m. per zone) and the Energy Commission HQ, winner of the ASEAN Energy Award 2012, EMERSON CUP 2012 and ASHRAE Technology Award 2013 (2nd Place).

Chen holds a 1st Class Hons Mechanical Engineering degree from the University of Leeds and has been involved in Energy Efficiency designs since the early 80s. He regularly lectures in the international circuit on the subjects of Sustainability and Energy Efficiency under the ASHRAE Distinguished Lecturer program and is Malaysia's first ASHRAE DL. Chen also specialises in Energy and Fire & Life Safety audits. He is involved in the development of numerous Malaysian Standards including MS1525 on EE and has authored/co-authored technical articles/papers which are regularly featured in technical publications.

In recognition of his contribution to the engineering fraternity, he was honoured with the ACEM Gold Medal Award in 2010.



Ir. Lam Kim Seong
GBI Accredited Facilitator
Green Building Index Sdn. Bhd.

Ir. Lam Kim Seong holds a Bachelor of Engineering (Hons.) Degree in Mechanical Engineering from the University of Malaya and is a registered Professional Engineer with the Board of Engineers, Malaysia and is an GBI Accredited Facilitator. Ir. Lam is a Corporate Member of the Institution of Engineers, Malaysia (IEM), a member of the ASHRAE Malaysia Chapter, Association of Consulting Engineers Malaysia (ACEM), He is also involved in the GBI Facilitator course as Trainer and Examiner.

Ir. Lam is also active in various professional bodies. He is a board member of MASHRAE and represents IEM, ACEM and MASHRAE in various technical working groups under SIRIM, Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA) and Suruhanjaya Perkhidmatan Air Negara (SPAN).



Ir. Ahmad Izdihar Supaat
Immediate Past President
Malaysia Green Building Confederation

Ir Ahmad Izdihar is a registered professional mechanical engineer with 20 years experience as a consultant in the building industry. He is the Managing Director of Exergy Malaysia Sdn Bhd, an Environmentally Sustainable Design Consultancy based in Kuala Lumpur. He is also a registered Green Building Index Facilitator.

Ir Ahmad Izdihar is the Immediate Past President of Malaysia Green Building Confederation. He is often invited to lecture on various sustainability and air conditioning topics for Pertubuhan Arkitek Malaysia, Association of Consulting Engineers Malaysia, Malaysia Green Building Confederation and MASHRAE.

Ir Ahmad Izdihar holds a B.Sc Mechanical Engineering degree from Polytechnic University, Brooklyn, New York. He has extensive experience in the design of building services with concentration on ACMV system. He is also currently facilitating sustainable designs for various buildings in Malaysia.

Registration Form

BEIT 2018 &
WE CALCULATOR

REGISTRATION FEES *Less RM50 for early bird price until 27th June 2018

- RM 400 MGBC Member
- RM 450 GBI Facilitator / Affiliated Member (MASHRAE PAM, MIID, ACEM, IEM, RISM, PPK, ILAM, MBAM, MTC, FMM (MIMG), CIOB, FIABCI, SHAREDADA, IET, FMM-MCIG, ISI)
- RM 500 Public / Other

PAYMENT DETAILS

Payable to : **Malaysia Green Building Confederation**

Account No. : **363 010 032 50**

Bank : **Hong Leong Bank**

Payment method : Cheque - Amount (RM) _____ Cheque No. _____

Cash - Amount (RM) _____

Bank Transfer - Amount (RM) _____

REGISTRATION FORM

I hereby confirm my registration with the following details:

TITLE AR / IR / SR / MR / MRS / MS

FULL NAME

NRIC / PASSPORT No.

COMPANY NAME

COMPANY ADDRESS

I am a/an :

- Architect
- Civil Engineer
- Mechanical Engineer
- Electrical Engineer
- Surveyor
- Other (Please state)

POSTCODE

TOWN/CITY

STATE

MOBILE

TEL

FAX

EMAIL

I AM A MEMBER OF

MEMBERSHIP NO.

FOR CPD CREDITS PURPOSES (Select One) LAM / BEM / GBI / BQSM

MEMBERSHIP NO.

VEGETARIAN (Tick applicable) YES NO

Please send this registration form to: **membership@mgbc.org.my** or **Fax: +603 2284 8232**

Closing date for registration: **6th July 2018**