



Towards Sustainability

Case Sharing on First Commercial Building to achieve BEAM Plus Provisional Platinum Rating (Existing Buildings) – BEC Headquarters (83101)

Hong Kong currently has over 40,000 existing buildings that account for 92% of total electricity demand in the territory. The Hong Kong Green Building Council (“HKGBC”) launched the “HK3030” Campaign in December 2012 and put forth a roadmap to reduce the absolute electricity consumption of buildings in Hong Kong by 30% of the 2005 level by 2030. In order to build a low carbon sustainable built environment, the BEC headquarters was upgraded to a green building by implementing a number of green features and practices. These energy and water saving features include installation of oil-free variable speed air-cooled chiller and rainwater collection system. BEC Headquarters is the first commercial building in Hong Kong which has achieved the Platinum rating of Provisional Assessment under BEAM Plus Existing Buildings (version 1.2) of HKGBC on 13 August 2014. This 3-hour-long course introduces some essential knowledge of design, planning and implementation for transforming an existing building to a certified green building.

Topics To Be Covered

- Introduction to BEAM Plus EB
- Registration, scoring and grading system of BEAM Plus EB
- Related environmental legislation and licenses
- Guideline on preparation of submission
 - Site aspects (SA)
 - Materials aspects (MA)
 - Energy use (EU)
 - Water use (WU)
 - Indoor environmental quality (IEQ)
 - Innovations and additions (IA)
- Case sharing on the first commercial building with BEAM Plus Provisional Platinum Rating
 - Challenges
 - Design and planning
 - Selection of green technology
 - Energy and water saving technology
 - Green facility and management practices
- Building tour



Commemorative Case Sharing
經典案例分享

BEC Headquarters - First Commercial Building to achieve BEAM Plus Provisional Platinum Rating (Existing Buildings)

商界環保協會總部 — 首幢獲得綠建築評 (BEAM Plus) 暫定鉑金級認證的商業建築物 (既有建築)



Learning Outcomes

- Understand about BEAM Plus EB labelling scheme including its background, objectives, registration procedures, scoring and grading system;
- Understand the challenges and acquire the techniques how to transform an EB to a green building; and
- Acquire essential knowledge for preparing a submission for BEAM Plus EB.

Who Should Attend

This is a perfect course for those seeking to learn about and work on green building projects, particularly those seeking BEAM Plus EB certification, including building and facility management professionals, project managers, engineers, project administrators, policy makers, and any individuals who wish to have a better understanding of green building in general and BEAM Plus specifically.

Course Date, Time & Venue

- 3 hours
 - 83101A – 16 January 2015 (Friday) 14:00 – 17:00; or
 - 83101B – 27 March 2015 (Friday) 14:00 – 17:00.
 - Venue – Business Environment Council Limited 商界環保協會有限公司, 77 Tat Chee Avenue, Kowloon Tong, Hong Kong (close to Kowloon Tong MTR Station Exit C1).

Medium of Instruction

- Cantonese supplemented with English.

Certification

- A Certificate of Attendance is awarded to each attendee who successfully completes the course (100% attendance is required).

Course Fee

- HK\$540 (Subject to a maximum discount of 20%)*
 - * Early Bird Discount – 5% if you register 3 weeks before the commencement of course.
 - Group Discount – 5% for 2 or more applicants from the same organisation enrolled for the same course.
 - BEC Membership Discount – Council Member: 10%; Corporate or General or Affiliate Member: 5%.

Tutors

- **Ir C F Leung, Director – Green Building & IAQ**
BEAM Pro, Green Building Faculty, R.P.E.(Env), MHKIE, CEng, CEnv, MCIWEM, MHKIOA, REA, CAP
Ir C F Leung is a BEAM Professional, a Green Building Faculty Member, a Registered Professional Engineer, a Registered Energy Assessor, an accredited IAQ Signatory, a Chartered Engineer, a Chartered Environmentalist, a Chartered Water & Environmental Manager and a Certified Carbon Auditor Professional. Ir Leung specialises in green building advisory, carbon audit, energy efficiency and indoor environmental quality consultancy
- **Ir Alan Hung, Senior Manager – Green Building & IAQ**
BEng(Hons), PgDip, MHKIE, RPE, CEng, FSOE, CEM MAEE, BEAM Pro
Ir Alan Hung is a Chartered Engineer and a Fellow Member of Society of Operations Engineers. With a postgraduate diploma in facility management, Alan has over 17 years of working experience in construction/project management and design, contracting, T&C of energy efficiency building services systems and facility management. He is also the Building Manager of BEC owned Jockey Club Environmental Building who oversees the daily operation and maintenance matters of the building.
- **Dr Veronica W Y Chan, Programme Manager – Education; Specialist – Green Building & IAQ**
PhD, MPhil, BSc (Hons), BEAM Pro
Dr Chan has over 12-year of experience in environmental-related research, consultancy, and training at different levels ranging from primary school to postgraduate levels. Her expertise and research interests included monitoring and disinfection of the bioaerosols, health risk assessment, modelling of the indoor air quality (IAQ) pollutants, and green building assessment (e.g. BEAM). She has published 40 papers in peer-reviewed international journals and conferences, contributed as an international journal reviewer, and participated in more than 100 IAQ-related and BEAM Plus projects.

Application Deadline

- Enrolment deadline is 5 working days before the course commencement date. Late enrolment will be accommodated subject to seat availability.

Application Form

- Click [here](#) to download the Application Form.

Terms & Conditions

- Duly completed application form accompanied by payment will be considered for admission;
- Course fee is non-refundable, non-transferable and should be received by BEC IEE no later than 5 working days before the commencement of the course;
- For Early Bird Discount, course fee should be received by BEC IEE no later than 3 weeks before the commencement of the course. For Group Discount, course fee should be received by BEC IEE in a single transaction;
- Admission is made on a first-come-first-served basis;
- Successful applicants will be notified no later than 3 working days before the commencement of the course;
- Unsuccessful applicants will be given refund of course fees if they have already paid;
- The course will be cancelled with full refund when the typhoon signal no.8 or above, or black storm warning is hoisted 3 hours before the course commences;
- An official e-receipt will be distributed through email to the participant upon the completion of the course;
- BEC reserves the right not to conduct the course if the applications are below the required minimum number of participants, and course fees received will be refunded. All decisions made by BEC on matters related to the courses are final;
- Personal data including contact information will be used by BEC for its communications and direct marketing purpose, including newsletters and promotions of events, training courses and other activities. If you do not wish to receive any further promotional materials from BEC, please send an email to us at unsubscribe@bec.org.hk; &
- Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned, or otherwise disclosed to third party.

About Business Environment Council Limited 商界環保協會有限公司 (“BEC”)

BEC is an independent, non-profit membership organisation, established by the business sector in Hong Kong. Since its establishment in 1992, BEC has been at the forefront of promoting environmental excellence by advocating the uptake of clean technologies and practices which reduce waste, conserve resources, prevent pollution and improve corporate environmental and social responsibility. BEC offers sustainable solutions and professional services covering advisory, research, assessment, training and award programs for government, business and the community, thus enabling environmental protection and contributing to the transition to a low carbon economy. For more information in BEC, please visit www.bec.org.hk.

About BEC Institute of Environmental Education (“BEC IEE”)

BEC IEE, a division of BEC, provides a platform for business managers and decision makers, to advance their knowledge and develop the expertise necessary for environmental decision-making. BEC IEE also facilitates professional development by promoting quality environmental education through various environmental education programmes.

For further enquiries or assistance, please contact BEC IEE:

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