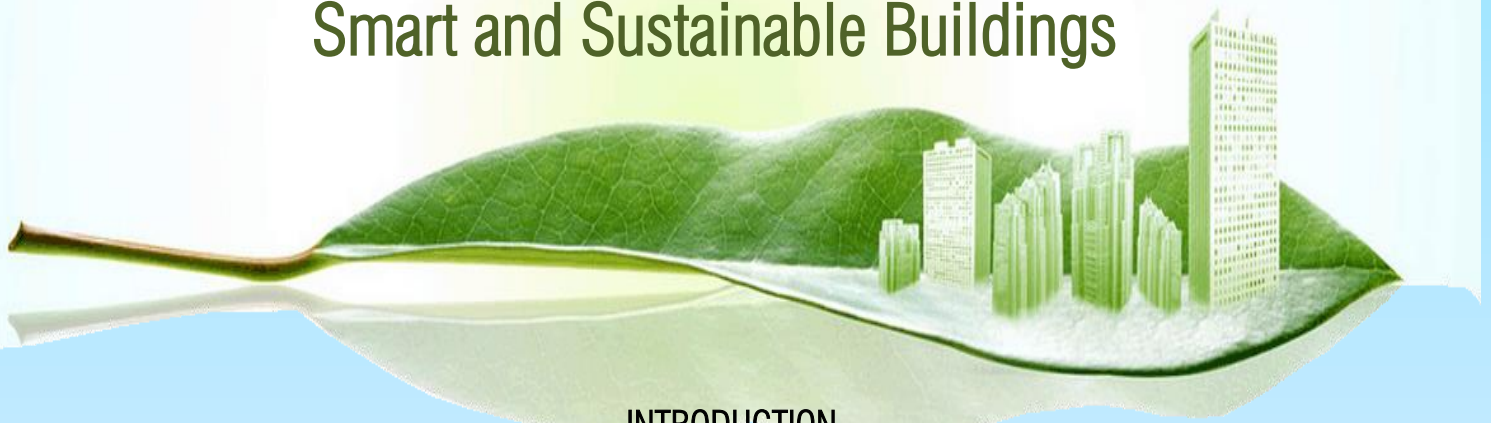


International Forum on Smart and Sustainable Buildings



INTRODUCTION

The world is facing two imminent issues, namely, global climatic change and depletion of natural resources. We are striving for a better environment with innovative technological solutions for energy saving and revival of natural resource, i.e. green-house-gases reduction, fresh water recycling, renewable energy etc. There has been a global consensus to address to these issues by the construction of sustainable and green cities built around the world to sustain the present and future generations.

Like most modernized cities, our building sectors in Macau, Hong Kong and Mainland China cities are facing challenges to comply with many stringent green building codes especially in energy saving policies and solutions for combating global warming issues. Professionals are required to follow the latest benchmarks from international to local green rating systems such as LEED, 3-Star, Green Mark, BEAM, etc., the yardsticks of which are weighted from different green measures on performance assessments. This full day CPD seminar provides the participants with a board view on the latest development of worldwide green rating systems, standards, green codes/ordinances for smart and sustainable buildings as well as prospects on professional certification and accreditation programs, i.e. LEED AP, GEES CP, BIAQ, etc.

This seminar is ideal for architects, project managers, facility managers, green building consultants, developers, sustainability coordinators, landscape architects, technical managers, energy engineers, MEP consultants, and anyone who are interesting in understanding more of the green and intelligent building criteria to further the green evolution.

Date : 26 November, 2015 (THU)

Time : 10:30 am to 6:00 pm

Venue : Conference Rooms - Naples 2601 -2602 near Hall A, CotaiStrip, Contai Expo, Venetian Macao,
Estrada da Baia de Nossa Senhora da Esperanca, Macau. (Phone: +853 2882 8888)

Language : English

CPD Hours : Certificate of Attendance /6hrs CPD for GEES CP / 6 hrs CPD for LEED AP

Organizer:



Silver Sponsor:



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Co-organizers:



Supporting Organizations:



Secretariat and Exhibitive Support :



Program Rundown

10:30-11:00	Registration & Morning Refreshment
11:00-11:20	Welcome Speech
11:20-12:30	Morning Session (Chaired by Ir Alain Tang, VP of NRG GEES)
	<u>Green Building Certification</u>
11:20-11:50	Case study – University of Macau- the first Awardee of CGBC 3 Star in Macau - Ms Joanna Chan, Mr KI Song, Ms LL Lao, University of Macau
11:50-12:20	Case study – Green Hotel Awards – Holiday Inn Express Hong Kong Soho Hotel -Professor Andrew Leung, Chairman, China Green Building Council Hong Kong, City University of Hong Kong
12:20-12:30	Souvenir Presentation & Group Photo
12:30-14:30	Lunch
14:30-18:00	Afternoon Session (Chaired by Dr Derek Chui, Pediatric Department of Kiang Wu Hospital)
	<u>Design & Management</u>
14:30-15:00	Applying BIM - from Smart Hotels to Smart Cities - Dr Wendy Lee, Board Member, Hong Kong Institute of Building Information Modelling (HKIBIM)
15:00-15:30	Sustainable Building Analysis and Management - Ms Lili Pan, MD of L GEES (USGBC Education Partner), Cardiff University, Wales, UK
	<u>Health</u>
15:30-16:00	UL Building Indoor Air Quality Certification (BIAQ) - Dr. John Shan, Environmental Program Manager of UL
16:00-16:30	Building Sustainability and Health - Ir Alvin Lo, Associate of Building Sustainability, Arup
	<u>Innovative Technologies</u>
16:30-17:00	IoT Development for Smart Cities -Dr K F Tsang, Director, Wireless Sustainability Center, Department of Electronic Engineering, City University of Hong Kong -Ms Lili Pan, MD of L GEES, Cardiff University, Wales, UK
17:00-17:30	Sustainable Vertical Transportation in Buildings - Ir Dr Albert T. So, Honorary Associate Professor of The University of Hong Kong
17:30-17:35	Souvenir Presentation & Group Photo
17:35-18:00	Forum on Buildings of the future: Humans, Technology and Aristotle
18:00	End

Speakers



Ms Joanna Chan

E&M, BEng, MEd, CEng, MCIBSE

University of Macau

Mr KI Song

Civil and Structure, University of Macau

Ms Lila Lao

Architect, University of Macau



Ms Lili Pan

LEED AP (BD+C, O+M, ID+C), CEM, CEE, CEA

Founder of L GEES Ltd & GEES

Emerging Professional (2010-2011), USGBC

Chairman of Sustainable Buildings Collaborative



Ir Alvin Lo

CEng, RPE, REA, MCIBSE, MHKIE, BEAM Pro

Associate, Building Sustainability, Arup

Green Building Faculty, HKGBC



Dr. John Shan

PhD

Environmental Program Manager of UL Environment Greater China



Dr Derek Chui

Pediatric Department of Kiang Wu Hospital

Council member of Macau Pediatric Society

Committee member of the Guangdong Youth Federation

Standing Committee Member of the Youth Committee of Macao Federation of Trade Unions



Ir Dr Albert T. So

CEng, FIMechE, FCIBSE, FSOE, SMIEEE

Honorary Associate Professor of The University of Hong Kong

VP, Asian Institute of Intelligent Buildings

Co-Founder of the Academy of Intelligent Building Certification



Dr Wendy Lee

DBA, FBCS, MHKCS, MHKIBIM, MbSHK

Board Member of Hong Kong Institute of Building Information Modelling (HKIBIM)



Ir Alain Tang

CEng, MIET, MCIBSE, FHKIE, CEM, REA, LEED AP (O+M)

VP, GEES Group

Immediate Past Chairman, Control, Automation & Instrumentation Division, Hong Kong Institution of Engineers Council Member, Hong Kong Institution of Engineers



Ir Prof Andrew Leung

CEng, MStructE, FRICS, FRAeS, FCIQB, FHKIE

Professor, Architecture & Civil Engineering, City University HK

Chairman, China Green Building Council Hong Kong

President, Asian Institute of Intelligent Buildings



Dr Kim Fung Tsang

PhD, CEng, FHKIE, SMIEEE

Director, Wireless Sustainability Center of City University of Hong Kong

ZigBee Chair, IEEE Consumer Electronics Society

REGISTRATION FORM APPLICANT'S DETAILS

Name: _____

English: _____ Chinese: _____

Name of Association: _____ Membership No.: _____

Contact information:

Office: _____ Mobile: _____
 E-Mail : _____ Fax : _____
 Company: _____ Position: _____
 Emergency _____ Emergency _____
 Contact : _____ Call : _____
 Applicant _____
 Signature: _____ Date: _____

Fees

Member of	HK\$/person	Early Bird (deadline 9 October 2015) HK\$	Person (s)	Total
Co-organizer	1500	1300		
Supporting Organization	1800	1600		
Non-Member	2000	1800		
Company Discount [#]	1650	1450		
No need for ferry ticket (to and return)*	300 will be deducted	300 will be deducted		
			Total:	

[#] For 3 enrollments from the same company at the same time. Other discount will not be included. (HKD300 will be deducted for those who do not need ferry tickets to and from Macau.)

*The fee includes ferry tickets, attendance of the whole conference and exhibition, proceedings, lunch and tea break.

Ferry Ticket to and from Macau required:

From HK to Macau – 0800 am 26 Nov 2015 (pl. state if other time)	-	-		
From Macau to HK – open ticket until end of Nov 2015	-	-		

Registration form & Deposit Slip Email to: training@lgees-ltd.com

- Confirmation for seat after receipt of bank-in-slip / payment

Hong Kong Account

Bank : HSBC
 Account No. : 078-558939-838
 Account Name : EASTPAC INVESTMENTS LTD

Macau Account

Bank : Bank of China (Macau Branch)
 Account No. : 19-11-10-136634
 Account Name : Coastal International Exhibition (Macau) Co. Ltd.

PLEASE RETURN THIS APPLICATION FORM to EASTPAC INVESTMENTS LTD

on or before **20 November 2015**. Contact Person: Ms Christine Li / Tel: (852) 8101 8023 or Ms Mavis/(852) 2827 6766