



SOEHK Symposium 2012

Sustainability Development

The Way towards Sustainable Future of Operations Engineering

INTRODUCTION

The concept of sustainability development applies to all areas of engineering aspects. It requires a change of traditional thinking regarding the life cycle of engineering concept. Instead a holistic approach should be considered so as to fulfill the needs for design, development, operations, maintenances, refurbishments and disposal issues. In this connection, three constituent parts, that is to say environment, economic and social, have to be sustained.

When applying the principles of sustainable environmental management and development in the holistic approach. It is necessary

- i) to devise practical measures on managing our own needs and desires without overdraft the prospects of future generations;
- ii) to preserve common resources and to reduce the environmental burden that we put on our neighbours based on the current technology and social organizational situations and;
- iii) to trim down the overall pollution and waste disposal while maintaining/enhancing the momentum of economic prosperity and quality of life.

Moreover, it also requires the engineering and facilities management professionals to work hand in hand in order to preserve the existing useful facilities, bring along new energy efficient operations, reduce and recycle the generation of pollution at the source and minimize the risk to human health and the environment.

The SOEHK Symposium 2012 will convey a wide range of stake holders to focus on the issue of sustainability development for achieving green and environmental friendliness facilities in Asia. This symposium will also bring together industry experts, such as facilities preservation, environmental friendly data centre operations, waste and disposal treatments and local environmental policy, to share their knowledge and insights on high performance, innovation and low impact approaches to maintaining, developing and retrofitting the building environment for sustainability.

The objective of the Symposium is to enlighten operations engineers, professionals and management awareness of sustainability development through continuous improvement, innovation and application of new technology to preserve our planet with sustainable economic growth.

SOEHK Symposium 2012

Sustainability Development

The Way Towards Sustainable

Future Of Operations Engineering

可持續發展 - 營運工程之未來路向

Date: Saturday, 7 July 2012

Time: 08:45 to 18:00

Venue: Theatre N003, The Hong Kong
Polytechnic University



engineering success
soe hong kong region
營運工程師學會 香港分會

Gold Sponsor: CLP 中電

08:45-09:00	Registration (Morning)
09:00-09:05	Opening Address for Morning Session Ir Dr. John LEUNG, Organizing Committee Chairman Society of Operations Engineers (Hong Kong Region)
09:05-09:30	Welcome Speech Ir Dr. the Hon Raymond HO Member of the HKSAR Legislative Council (Engineering Functional Constituency)
09:30-09:45	Keynote Speech Ir Edmund LEUNG Chairman of the Energy Advisory Committee (Environment Bureau)
09:45-09:50	Presentation of Souvenirs
Morning Session	Ir Dr. K K Tong (Morning Session Chairman)
09:50-10:15	Smart and Green Grid Mr. C M KWAN, Senior Smart Grid Development Manager CLP Power Hong Kong Limited
10:15-10:40	Sustainable Design in Mainland China Ir C K WONG, Director Meinhardt (M&E) Limited
10:40-11:00	Networking Coffee Break
11:00-11:25	Sustainable and Integrated Building Design in the Largest Entertainment Resorts in Asia Ir Herbert LAM, Director (Buildings- China Region) Parsons Brinckerhoff
11:25-11:50	A step towards sustainable development - full implementation of Buildings Energy Efficiency Ordinance Ir Osman LAU, Engineer (Energy Efficiency) Electrical & Mechanical Services Department
11:50-12:15	A Review on Energy Issues of Lift and Escalator Systems Ir Dr. W L CHAN, Vice Chairman The International Association of Elevator Engineers (HK-China Branch)
12:15-12:25	Discussion, Question and Answer
12:25-13:45	Lunch Break

Program—Afternoon Session

13:45 - 14:00	Registration (Afternoon)
14:00-14:25	Welcome Speech Ir Dr. the Hon Samson TAM Member of the HKSAR Legislative Council (Information Technology)
14:25-14:40	Keynote Speech Mr. Kenneth SHE, Assistant Director Electrical & Mechanical Branch Drainage Services Department
14:40-14:45	Presentation of Souvenirs
Afternoon Session	Ir Dr. Albert SO (Afternoon Session Chairman)
14:45-15:10	Water Reclamation Trial Projects in Drainage Services Department Ir Horace CHAN, Engineer Drainage Services Department
15:10-15:35	Sustainable Survival Engineering Development Mr. Ellis WONG, Chief Executive Officer Eurolite International Company Limited
15:35-16:00	State-of-the-art Chilled Water Energy Measurement for Commercial Buildings Ir Thomson CHEUNG, Director United Controls Limited
16:00-16:20	Networking Coffee Break
16:20-16:45	Building Information Modeling Education in Institute of Vocational Education Ir C M CHAN, Head Of Department/ Mr. T C LO, Acting Senior Lecturer Department of Construction Hong Kong Institute of Vocational Education (Tsing Yi and Morrison Hill)
16:45-17:10	An Introduction to NEC3 Contracts Dr. Joseph CHAN, Post-doctoral Fellow Department of Civil Engineering The University of Hong Kong
17:10-17:20	Discussion, Question and Answer
17:20-17:35	Closing Address Ir S L Li, Chairman Society of Operations Engineers (Hong Kong Region)

Organizer: The Society of Operations Engineers (Hong Kong Region)

Organizing Committee

Hon Advisers: Ir Dr. the Hon Raymond HO; Ir Dr. the Hon Samson TAM; Ir Edmund LEUNG
Advisers: Ir Prof. Edmund CHUK; Ir Jeffrey YUNG; Ir S L Li;
Prof. Cindy LUK; Mr. M K CHAN; Ir Thomson CHEUNG
Chairmen: Ir Dr. John LEUNG
Deputy Chairmen: Ir Dr. K K TONG; Ir Dr. Albert SO; Ir W K PAU; Ir Ronald KWONG;
Mr. Ken LUK; Ir Simon KWOK
Morning Session Chairman: Ir Dr. K.K. TONG
Afternoon Session Chairman: Ir Dr. Albert SO
Honorary Secretary: Ir C S HO
Honorary Treasurer: Ms. Doris CHEUNG
Artwork Designers: Ir M W LO / Ms. Anita NG
Stage Manager: Ir John TSANG
AV Control Managers: Ir M W LO / Ir Barry TSUI
Photographers: Ir Allen POON / Ir H H YEUNG / Mr. Jeffrey TONG
Administration Manager: Ms. Connie MUI

Organizing Committee Members:
Ir P K CHAN Ir C K CHAN Ir K C PANG
Dr C W LEE Mr. Thomas LAU Ir Simon HUNG
Mr. M F FOK Ir Albert CHUN Ir Kelvin TANG
Mr. Conway LAI Mr. Eric HO Mr. Jan NG
Mr. Dennis WONG Mr. Paul LIM Mr. William LEUNG
Mr. K C IP Ir K C LAU Ir K K FUNG

Supporting Organizations: (In Alphabetical Order)
Asian Institute of Intelligent Buildings
Building Services Operation and Maintenance Executives Society
Chinese Mechanical Engineering Society - Hong Kong, Macau and Taiwan Members Liaison Office
Drainage Services Department
Electrical and Mechanical Services Department
Hong Kong Association of Energy Engineers
Hong Kong Institute of Vocational Education (Morrison Hill) -
Department of Construction
Hong Kong Institute of Vocational Education (Haking Wong) -
Department of Electrical Engineering
Macao Institution of Electrical & Mechanical Engineers
The Hong Kong Institution of Engineers – BS Division
The Hong Kong Institution of Engineers – CA Division
The Hong Kong Chapter of the International Facility Management Association
The Hong Kong College of Technology
The Hong Kong Institute of Facility Management
The Hong Kong Federation of Electrical & Mechanical Contractors Limited
The International Association of Elevator Engineers (HK-China Branch)
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The Society of Operations Engineers (Hong Kong Region) - IRTE
Honorary President of The Society of Operations Engineers (Hong Kong Region) - Mr. M K CHAN

Admission Class	Session	Normal Charge	Early Bird Registration (17 June 2012)
Members of SOE and Supporting Organizations	*Half Day (AM/ PM)	<input type="checkbox"/> HK\$400	<input type="checkbox"/> HK\$350
	Whole Day	<input type="checkbox"/> HK\$700	<input type="checkbox"/> HK\$650
Non-members	*Half Day (AM/ PM)	<input type="checkbox"/> HK\$500	<input type="checkbox"/> HK\$450
	Whole Day	<input type="checkbox"/> HK\$900	<input type="checkbox"/> HK\$850
# Students	*Half Day (AM/ PM)		FREE
	Whole Day		FREE

Enrolment Form:
I am a Member of *SOE / Supporting Organization (membership No: _____) / Non-member
*Title: Prof / Dr. / Ir / Mr. / Mrs. / Miss / Others (Please specify)
Surname: _____ Given Name: _____
Position: _____
Organization: _____
Correspondence Address: _____
Tel (office): _____ Mobile: _____
Email: _____

Remarks: Lunch not included
*Delete as appropriate
Registration:
Simply complete and send the above form to Ms. Connie Mui by fax at (852) 3188 0177 or email to connie@soe.org.hk. Please settle in full payment within 7 days after registration but not later than event day by mail to: The Society of Operations Engineers (Hong Kong Region), Unit 2, 3rd Floor, Winsum Industrial Building, 588-592 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong.
Payment Method:
The SOEHK will only accept cheque payment. Kindly make your cheque payable to "SOEHK". A confirmation notice will be sent to you upon receipt of your full payment.

Continuous Professional Development Certificate:
Attendance for the symposium will entitle to total 6 CPD hours for whole day and total 3 CPD hours for AM/ PM session granted by SOEHK.
For full time students, the copy of full time student cards shall be sent to Ms. Connie MUI by fax at (852) 3188 0177 or email to connie@soe.org.hk for registration. first come first serve, limited seats available.
Media: Cantonese, Mandarin and English

