



30 April 2019

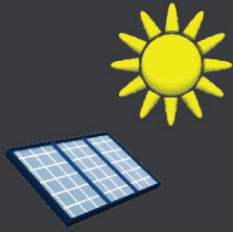
Tuesday

HKIE THE HONG KONG INSTITUTE OF ENGINEERS
香港工程師學會

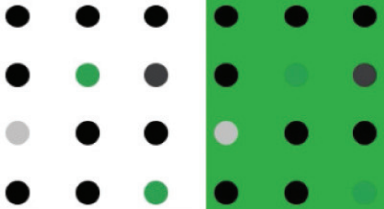
Environmental Division
環境分部

**HKIE-Environmental Division
Annual Forum 2019**

**ENVIRONMENTAL
INNOVATION:
Challenges & Opportunities
in Hong Kong**



<https://goo.gl/7Ng5DS>



Crowne Plaza Hong Kong
Kowloon East

3 Tong Tak Street, Tseung Kwan O, Hong Kong



INTRODUCTION

Nowadays, technology is disrupting many areas of our lives, so it's no surprise that it is also playing a significant role in our environmental protection. Many emerging technologies can be adopted to drive environmental innovation so as to tackle different environmental challenges. Indeed, environmental innovation can also bring in a sustainable green economy with immense business opportunities.

As one of the most developed cities in the world, Hong Kong is planned to develop into a world-class smart city. According to the Government's Smart City Blueprint, "smart environment" is one of the 6 major areas in which innovation and technology will be embraced for a smart Hong Kong. Therefore, it is timely for HKIE Environmental Division to promote the discussion on how environmental innovation can be encouraged in Hong Kong. This forum would bring together various stakeholders including government, academics, research institutions, entrepreneurs and environmental startups to explore the opportunities and challenges in promoting environmental innovations in Hong Kong.

The forum comprises the keynote session and three other sessions: I) Overseas Experiences in Driving Environmental Innovation; II) Business Opportunities from Environmental Innovations; and III) Pitching of Environmental Technology Companies.

ORGANIZING COMMITTEE

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Ir Dr MA, Anthony

Members

Ir CHENG, Norman

Ir TANG, Kelvin

Ir CHAN, Thomas

Ir CHAN, Jacqueline

Ir CHAN, Mannix

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Ir Dr GBAGUIDI, Alex

Ir IP, Tat Yan

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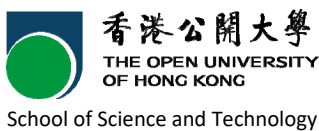


SUPPORTING ORGANIZATIONS

Academic



Hong Kong Baptist University



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ISRAEL

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NEW ZEALAND
CONSULATE-GENERAL



Hong Kong General Chamber of Commerce
香港總商會 1861



香港工業總會
FHKI Federation of
Hong Kong Industries



香港中華總商會
CGCC The Chinese General Chamber
of Commerce, Hong Kong



香港中華廠商聯合會
The Chinese Manufacturers'
Association of Hong Kong



The British
Chamber of Commerce
in Hong Kong
香港英商會



The Canadian
Chamber of Commerce
in Hong Kong

La Chambre de Commerce Canadienne à Hong Kong
香港加拿大商會



french chamber
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Asian Institute of Intelligent Buildings



Hong Kong
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加拿大
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(香港)

Canadian Society for
Civil Engineering
Hong Kong Branch



Chartered Institution of
Water and Environmental
Management

Hong Kong Branch



可持續發展委員會
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環保促進會



香港能源工程師學會
Hong Kong Association of Energy Engineers



香港建造商會
HKCA



Hong Kong Environmental
Industry Association
香港環保產業協會



HKGBC
香港綠色建築議會



Hong Kong Green Strategy Alliance



Hong Kong Institute of
Environmental Impact Assessment
香港環境影響評估學會



HKIQEP
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HONG KONG
WASTE MANAGEMENT ASSOCIATION
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The Institute of Materials,
Minerals and Mining
HONG KONG BRANCH



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

PROGRAMME

8:45 - 9:00am	Registration
9:00 - 9:05am	Welcome Remarks Ir Dr Anthony MA, Chairman of the Organizing Committee
9:05 - 9:10am	Opening Address Ir Ringo YU, President, The Hong Kong Institution of Engineers
Keynote Session	
9:10 - 9:35am	Mr WONG Kam-sing, GBS, JP Secretary for the Environment, Environment Bureau, The Government of the HKSAR
9:35 - 9:45am	Group Photo
9:45 - 10:10am	Role of the Government in the Evolution towards Smart and Green Ir Dr the Hon LO Wai-ki, SBS, MH, JP Legislative Councillor (Engineering Functional Constituency), HKSAR
10:10 - 10:30am	Coffee Break
Session I: Experiences in Driving Environmental Innovation Chaired by Ir Dr Alex GBAGUIDI, Committee Member, The HKIE Environmental Division	
10:30 - 10:55am	Business As Usual – Is not an Option Mr Oded DISTEL, Former Director and Founder, Israel NewTech
10:55 - 11:20am	Developing towards a Sustainable Amsterdam Metropolitan Port Mr Roon Van MAANEN Head of Circular & Renewable Industry, Port of Amsterdam, The Netherlands
11:20 - 11:45am	Data Driven Environmental Innovations - Examples and Learnings Mr Peter RUNCIE New Industry and Platforms Leader for Data 61, CSIRO's Data Science Unit, Australia
11:45 - 12:10am	New Initiatives and Management Trend for Flood Prevention Facilities with Multi-Functions Assistant Director/ Operations & Maintenance, Drainage Services Department, HKSARG
12:10 - 12:30pm	Discussion
12:30 - 2:00pm	Luncheon
Session II - Business Opportunities from Environmental Innovations Chaired by Ir Alex WONG, Committee Member, The HKIE Environmental Division	
2:00 - 2:20pm	Big Data : Examples within an Environmental Utility Mr Laurent PELLETIER, Managing Director, Veolia Hong Kong
2:20 - 2:40pm	Digital Transformation for Sustainability - Business Case for IoT Sharing Mr Alex CHAN, Regional Key Account - Practice Leader, Schneider Electric (Hong Kong) Ltd
2:40 - 3:00pm	A Total Sewage and Industrial Waste Water Recover Case Studies in Hong Kong and Mainland Ir Professor Daniel M CHENG, BBS, MH, JP Managing Director, Dunwell Enviro-Tech (Holdings) Ltd
3:00 - 3:20pm	Discussion
3:20 - 3:40pm	Coffee Break
Session III - Pitching of Env Tech Companies Chaired by Ir Thomas CHAN, Deputy Chairman, The HKIE Environmental Division	
3:40 - 3:55pm	Introduction of Unmanned Surface Vehicle Applied in Water Environment Sampling and Monitoring Dr Xuyan HUANG Product Development Manager, Zhuhai Yunzhou Intelligence Technology Ltd
3:55 - 4:10pm	Radiant Ceiling plus Fresh Air System (RCF) Mr Jiguang YAN, CEO, AirStar Air Conditioning Technology Group (HK) Ltd
4:10 - 4:25pm	AI and Big Data Analytics for Smart City Infrastructure and Environmental Management Mr Steven LEUNG, Acting Team Leader & Project Consultant, ClusterTech Ltd
4:25 - 4:40pm	Eco-innovation of Lithium-ion Battery Manufacturing and Recycling Mr Jimmy TSE, Advisor, GRST Energy Ltd
4:40 - 5:00pm	Discussion Challenges in Marketing New Environmental Technologies
5:00 - 5:05pm	Closing Remarks Ir Norman CHENG, Chairman, The HKIE Environmental Division

REGISTRATION FORM

The HKIE Environmental Division Annual Forum 2019

“Environmental Innovation: Opportunities and Challenges in Hong Kong”

Tuesday, 30 April 2019 (9:00am – 5:00pm)

Crowne Plaza Hong Kong Kowloon East, 3 Tong Tak Street, Tseung Kwan O, Hong Kong

Name : (Ir/Prof/Dr/Mr/Ms) _____
(First Name) (Surname)

Company : _____ Position: _____

Tel : _____ Email : _____

	Registration Fee	Registration (please “v” as appropriate)
Early-Bird Registration (on or before 31 Mar 2019)	Members of The HKIE and Supporting Organizations : \$980	()
	Non-Members : \$1,280	()
Full Registration (after 31 Mar 2019)	Members of The HKIE and Supporting Organizations : \$1,080	()
	Non-Members : \$1,480	()
* HKIE Graduate Members	\$500	()

Remarks :

- The fee includes a copy of Forum programme book, a lunch and two coffee breaks.
- * Seats are limited to 50 (first-come-first-served). A copy of HKIE Membership Card must be presented together with the registration form.
- Cancellation will be accepted only in writing via email or fax, no later than two weeks before the function commences, and only 50% of registration fee will be refunded.

Payment :

I enclose a crossed cheque no _____ for the amount of HK\$_____ payable to
“The HKIE Environmental Division”.

Please complete the form and return it together with appropriate payment to the Forum Secretariat,

c/o Centre for Research & Professional Development

Unit 2205, Saxon Tower, 7 Cheung Shun Street, Cheung Sha Wan, Kowloon

Tel : 2796 1638 ; Fax : 3016 8648; Email : info@crpd-hk.com

Event website: <http://ev.hkie.org.hk/> OR <https://sites.google.com/site/hkieevd2019/home>