

WEBINAR

The HKIE Environmental Division
Annual Forum **2021**

HKIE THE HONG KONG
INSTITUTION OF ENGINEERS
香港工程師學會
Environmental Division
環境分部



DeCarbonisation₂

How do we prepare for the Transformation₂

The HKIE Headquarters
9/F Island Beverley,
1 Great George Street,
Hong Kong

Thursday, 29 April 2021



Join our Webinar

The HKIE Environmental Division Annual Forum

“DECARBONISATION – HOW DO WE PREPARE FOR THE TRANSFORMATION”

Date: Thursday, 29 April 2021

Time: 9:00am – 5:00pm

**Venue: The Hong Kong Institution of Engineers Headquarters,
9/F Island Beverley, 1 Great George Street, Hong Kong
(Participants will be joining via ZOOM)**

INTRODUCTION

Further to the public engagement exercise on the long-term Decarbonisation for Hong Kong undertaken by the Council for Sustainable Development and the Paris Agreement with nearly 200 signatories, Hong Kong, like other developed countries and world cities, should share its climate responsibility, especially to address extreme weather conditions arisen in recent years and set Decarbonisation target.

In the Chief Executive's 2020 Policy Address, Hong Kong will strive for carbon neutrality by 2050. This long-term vision to progressively advance to net zero carbon emissions, decarbonisation will be a major challenge and opportunity to drive changes in our city and our lifestyle. The primary objectives of this forum are to serve as a platform to communicate and review Decarbonisation strategies; share local and international practices and explore relevant digitalization & innovation for Decarbonisation. At the same time, we would like to know how technologies and development can become critical enablers for the transformation and present both opportunities and challenges to engineers.

The forum comprises the keynote session and four other sessions: i) Green construction; ii) Decarbonising generation through digitalization; iii) Hydrogen economy and iv) Experience sharing and best practices for Decarbonisation.

SUPPORTING ORGANIZATIONS

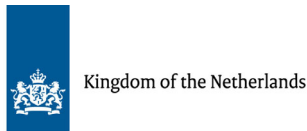
Academic



Faculty of Science & Technology



Non-academic



SPECIAL ACKNOWLEDGEMENT



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GUEST OF HONOUR

- Mr WONG Kam-sing, GBS, JP
Secretary for the Environment, Environment Bureau, The Government of the HKSAR

OPENING ADDRESS

- Ir Professor PL YUEN, President, The Hong Kong Institution of Engineers

KEYNOTE ADDRESS

- **Transforming Hong Kong into a Green and Smart City**
Ir Dr the Hon LO Wai-kwok, SBS, MH, JP
Legislative Councillor (Engineering Functional Constituency), HKSAR
- **Designing Future Ready Schemes – How Engineers can Lead on Decarbonisation**
Mr David Symons, Director of Environment, WSP UK

INVITED SPEAKERS

- **Advancing Net Zero Carbon for Green Building**
Ms Ada YS FUNG, BBS
Board Secretary, World Green Building Council and Board Director, Hong Kong Green Building Council
- **Decarbonising Construction**
Ms Emma HARVEY, Group Sustainability Manager, Gammon Construction Ltd
- **Electricity Generation – The Role of Machine Learning and AI**
Ir CS LEUNG, Head of System Operations, The Hongkong Electric Co Ltd
- **Towards Smart Energy Management - An Integrated Approach Adopted in HK's Water Supplies**
Mr Chi-sing WONG, Chief Electrical & Mechanical Engineer/Maintenance, Water Supplies Department, The Government of the HKSAR
- **Renewable Hydrogen Power Technologies: Production, Storage and Fuel Cell**
Professor Michael LEUNG, Professor, School of Energy and Environment and Director, Ability R&D Energy Research Centre (AERC), City University of Hong Kong
- **International Hydrogen Strategies**
Dr Rolle CARSTEN, Executive Director, World Energy Council

REGISTRATION FEE

Members of HKIE/Supporting Organisations

- Early-Bird Registration (on or before 29 Mar 2021): \$250
- Full Registration (after 29 Mar 2021): \$280
- HKIE Graduate Members / Associate Members / Full-time Students: \$50

Non-members:

- Early-Bird Registration (on or before 29 Mar 2021): \$290
- Full Registration (after 29 Mar 2021): \$320

The forum is designed for 6-hour CPD Day. Attendance certificate will be issued after the event.

REGISTRATION

Please fill in the registration form below or register online at <https://forms.gle/zVEK9ryG9xAp2MxU7>.

ENQUIRIES

For enquiries, please contact the Forum Secretariat

c/o Centre for Research & Professional Development

Room 2108 Kimberland Centre, 55 Wing Hong Street, Kowloon, Hong Kong

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

Event website: <http://ev.hkie.org.hk/> OR <https://sites.google.com/view/hkieevd2021/home>

REGISTRATION FORM

[WEBINAR]

The HKIE Environmental Division Annual Forum 2021

“DECARBONISATION – HOW DO WE PREPARE FOR THE TRANSFORMATION”

Thursday, 29 April 2021 (9:00am – 5:00pm)
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(Participants will be joining via ZOOM)

Name : (Mr/Prof/Dr/Mr/Ms) _____ HKIE Membership no. (if applicable): _____
(First Name) (Surname)

Company : _____ Position: _____

Tel : _____ Email : _____

	Registration Fee	Registration (please “√” as appropriate)
Early-Bird Registration (on or before 29 Mar 2021)	Members of The HKIE and Supporting Organizations : \$250	()
	Non-Members : \$290	()
Full Registration (after 29 Mar 2021)	Members of The HKIE and Supporting Organizations : \$280	()
	Non-Members : \$320	()
HKIE Graduate Members / Associate Members / Full- time Students	\$50	()

Remarks :

- The forum is designed for 6-hour CPD Day. Attendance certificate will be issued after the event.
- Cancellation will only be accepted 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:

1) By Cheque:

Please write the cheque with the appropriate amount payable to “The HKIE Environmental Division” and have it posted to the Forum Secretariat c/o Centre for Research & Professional Development, Room 2108 Kimberland Centre, 55 Wing Hong Street, Kowloon, Hong Kong.
Please write your registered name at the back of the cheque.

2) By PayPal (for online registration only)

Registration online at <https://forms.gle/zVEK9ryG9xAp2MxU7>