





th INTERNATIONAL CONFERENCE

HYDROGEN AND CLEAN ENERGY TO

Date:

1-2 December 2022

(Thursday & Friday)

Language: English

Venue:

City University of Hong Kong

Wong Cheung Lo Hui Yuet Hall

5/F, Lau Ming Wai Academic Building, 83 Tat Chee Avenue, Kowloon Tong, Kowloon, Hong Kong, China

Registration Fee:

Regular Rate HK\$1,200

Members of Supporting Organisations / Students HK\$1,100

Members of Organisers / Co-organisers HK\$1,000

The fee covers:

- 1.5-day conference presentations
- Conference materials
- Tea breaks & lunch (if situation allows)

CPD: Attendance certificates will be issued upon request.

Registration & Payment:

Registration is accepted on a first-come, first-served basis. Please register through the online system at the link https://bit.ly/eihk-7th-int-conf
An acknowledgement e-mail together with payment instructions will be issued upon registration. Enrolment will be confirmed only after receipt of payment.



Registration Deadline:

14 November 2022

(Monday)

Enquiries:

Hydrogen

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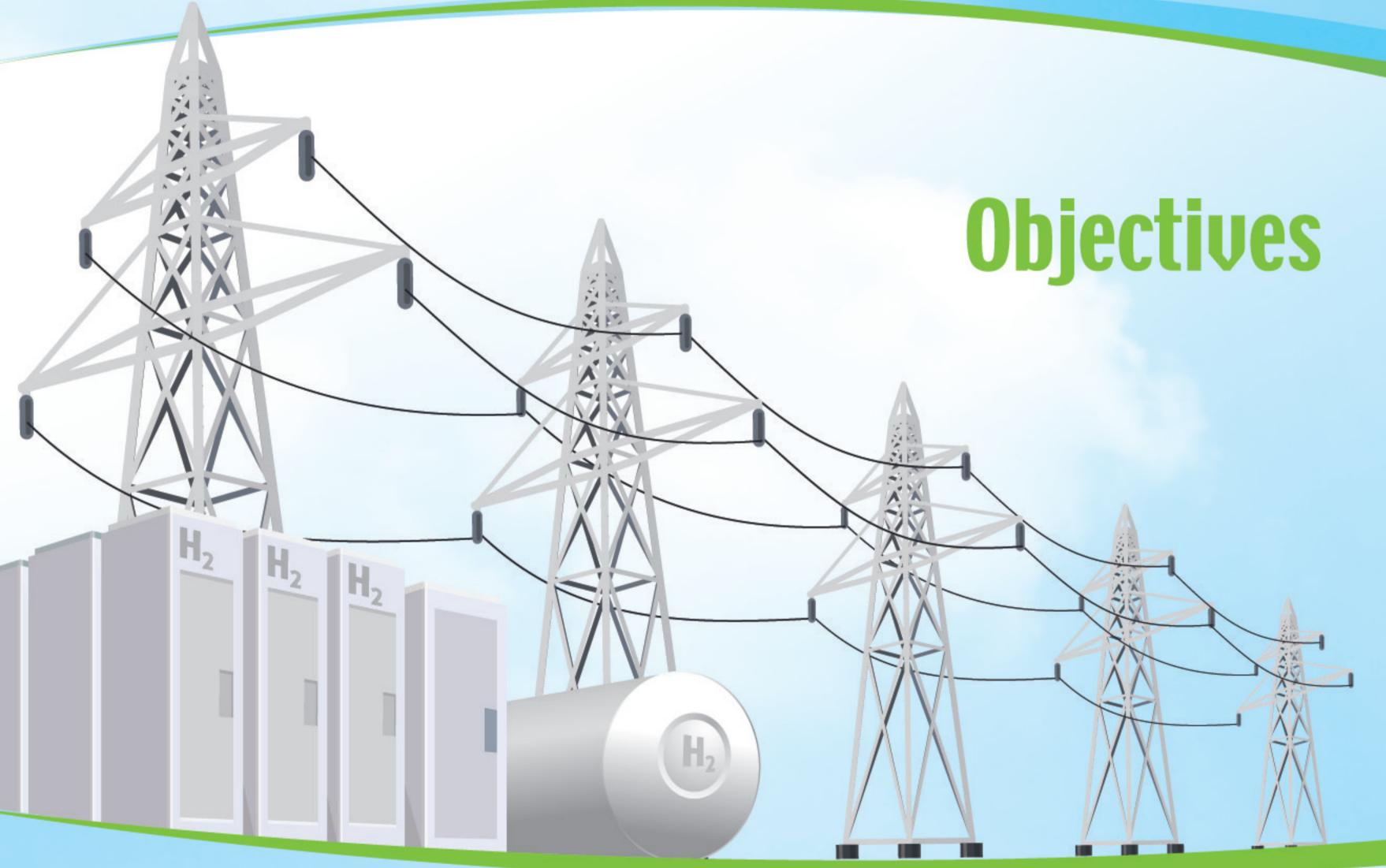
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Background

The Sixth IPCC Assessment Report "The Physical Science Base of Climate Change" released on 9th August 2021 warns that it is only possible to avoid global warming of 1.5°C or 2°C if massive and immediate cut in greenhouse gas emissions is made. In this part of the world China promises to strive to achieve carbon peak by 2030 and carbon neutrality by 2060, while Hong Kong being the foremost internationalised city of China also vows to achieve carbon neutrality by 2050.

To achieve these challenging goals, researchers and technical experts are exploring various zero carbon energy resources, among which hydrogen utilisation is one of the promising alternatives. Yet, there are many challenges ahead in the policies and technological development, safety precaution and infrastructure need for generation, distribution, storage and utilisation of hydrogen.

This international conference will bring together policy makers, scientists, researchers, academia, engineers, green groups and other stakeholders for knowledge and experience sharing of their recent advancement in these areas. Policy makers, in particular, are invited to chart the policy directives in carbon neutrality in the region as well.



- To update knowledge on recent advancement in technological development, safety precaution and infrastructural need for generation, distribution, storage and utilisation of hydrogen and clean energy in order to achieve net zero;
- To promote academic and professional exchange in net zero policies, technology development research, applications, future challenges and developments.

Energy professionals, engineers, consultants, government officials, policymakers, scientists, researchers and academics.



Programme 1 December 2022 (Day 1)

15.20 - 15.50

iea break

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13:30 – 14:00	Registration
14:00 – 14:05	Welcome Speech Prof. Way KUO, JP, President, City University of Hong Kong
14:05 – 14:20	Group Photo Taking
14:20 – 14:45	Keynote Speech: Global Megatrends and the Energy Transition President, Energy Institute, UK (TBC)
14:45 – 15:15	Keynote Address The Hon TSE Chin Wan, BBS, JP, Secretary for Environment and Ecology, Hong Kong Special Administrative Region
15:15 – 15:20	Gratitude Speech Ir Edmund LEUNG, SBS, OBE, JP, Chairman, Conference Steering Committee, Hong Kong
15:20 - 15:50	Tea Break

Keynote Session Moderator: Ir Chris CHONG, Veolia Hong Kong / Chairman, Energy Institute Hong Kong		
15:50 – 16:15	Acceleration to Net Zero – Powering a Carbon Neutral Hong Kong Ir T K CHIANG, Managing Director, CLP Power Hong Kong Limited	
16:15 – 16:40	Hydrogen Economy – The Towngas Way Ir Simon NGO Siu Hing, Head of Engineering - H.K. Utility, The Hong Kong and China Gas Company Limited	
16:40 – 17:05	Energy Transition – from Turbulence to Resilience Ir Bill HO, General Manager (Corporate Development), The Hongkong Electric Company, Limited	
17:05 – 17:30	Decarbonisation Strategy for Beijing to Achieve Carbon Neutral by 2050	

Mr Yong Ll, Director of Zero Committee, Western Returned Scholars Association / Expert of CCICED Chief Advisor's Supporting Team, China Council for International Cooperation on Environment and Development, PRC



Programme

2 December 2022 (Day 2)

Closing Speech by Ir Dr HF CHAN, BBS

17:50 - 17:55

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8:30 – 9:00 Registration

8:30 - 9:00	Registration
	iety and Policy Ir Prof. Dennis LEUNG, The University of Hong Kong / Past Chairman, Energy Institute Hong Kong
9:00 – 9:25	Hong Kong Roadmap for Decarbonisation
	Dr Kenneth KM LEUNG, Assistant Director (Air Policy), Environmental Protection Department, Hong Kong SAR Government
9:25 - 9:50	Hydrogen Safety and Regulations, Codes and Standards
	Dr Jinyang ZHENG, Academician, Chinese Academy of Engineering / President, IAHE Codes and Standards Division / Vice Chair, SAC/TC 309 Hydrogen Energy
9:50 - 10:15	Guidelines and Policies for Safety Operation of Hydrogen Refueling Stations in China
	Mr FENG YU, Manager, New Cosmos Electric (Shanghai) Co., Limited
10:15 – 10:30	Q &A session & Souvenir Presentation
10:30 - 10:45	Tea Break
Theme: Pro	duction, Conversion, Transmission and Transportation
Moderator:	Ir Prof. Michael LEUNG, City University of Hong Kong / Board of Directors (China Representative), International Solar Energy Society
10:45 - 11:10	Research Trend and Development of Hydrogen Power and Ammonia
	Prof. XUAN Jin, Head, Department of Chemical Engineering, Loughborough University
11:10 – 11:35	Role of Gas Networks in Developing Australia's Hydrogen Industry
	Mr Craig de LAINE, Chief Executive Officer, Australian Gas Infrastructure Group (AGIG)
11:35 – 12:00	The Manufacturing and Distribution of Hydrogen, Towngas' Innovative Way
	Ir Stephen CHAN, General Manager - Gas Production, The Hong Kong and China Gas Company Limited
12:00 – 12:25	MTR's Journey Towards Carbon-neutral
	Ir Dr Tony LEE, Operations Director, MTR Corporation
12:25 – 12:40	Q &A session & Souvenir Presentation
12:40 – 14:10	LUNCH
The second secon	rage, Utilisation and Application #1 Ir Colin CHUNG, WSP (Asia) Limited / Past Chairman, Energy Institute Hong Kong
14:10 – 14:35	Bringing Hydrogen Home for Our Customers
	Mr Mark HORSLEY, Chief Executive Officer, Northern Gas Networks
14:35 – 15:00	Stationary Fuel Cell Application in Residential and Commercial in Japan
	Mr Max FUJITA, Overseas Sales and Marketing Manager, Fuel Cell, Smart Energy System Business Division,
	Panasonic Corporation, Electric Works Company
15:00 – 15:25	Our Efforts to Realise a Hydrogen Society
	Mr Takeshi OKUTANI, Industrial Gases Dept. General Manager, Guangzhou Iwatani Trading Co. Ltd.
15:25 – 15:40	Q &A session & Souvenir Presentation
15:40 – 15:55	Tea Break
	rage, Utilisation and Application #2 Ir Prof. Vivien LU, The Hong Kong Polytechnic University / Vice Chairman, Energy Institute Hong Kong
15:55 – 16:20	Hong Kong International Airport's Pathway to Net Zero Carbon
	Mr Peter LEE, General Manager – Sustainability, Airport Authority Hong Kong
16:20 – 16:45	
16.45 47.40	Citybus Limited Hang Kang's Transition to Croop Public Transport
16:45 – 17:10	Hong Kong's Transition to Green Public Transport Mr Martin CADMAN, Deputy Operations Director (Planning and Support). The Kowleen Motor Bus Company (1922) Limited.
47.40	Mr Martin CADMAN, Deputy Operations Director (Planning and Support), The Kowloon Motor Bus Company (1933) Limited
17:10 – 17:35	From Low Carbon to No-carbon Power Generation Architecture, CLD Dower Hong Kong Limited
47.05	Mr Thomas LUI, Associate Director - Decarbonisation Architecture, CLP Power Hong Kong Limited
17:35 – 17:50	Q &A session & Souvenir Presentation

THE INTERNATIONAL CONFERENCE HYDROGEN AND CLEAN ENERGY TO NET ZERO

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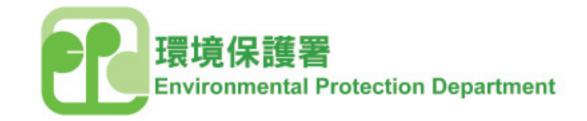




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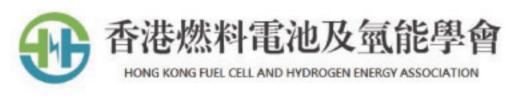




















香港公路學會 Hong Kong Institution of Highways and Transportation

















Conference Steering Committee

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Ir Edmund KH LEUNG, SBS, OBE, JP, Past Chairman, Energy Advisory Committee, Hong Kong Special Administrative Region / Honorary Fellow, Energy Institute

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- Prof. Chak K CHAN, City
 University of Hong Kong
- Ir T K CHIANG, CLP Power Hong Kong Limited
- Ir Chris CHONG, Veolia
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- Dr WAN Yufeng, Citybus Limited
- Mr Peter WONG Wai Yee, The Hong Kong and China Gas Company Limited
- Mr Steve HUI, The Kowloon Motor Bus Company (1933) Limited

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Convenor:

Ir Dr HF CHAN, BBS, Cinotech Consultants Limited / Honorary Fellow, Energy Institute

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