

Webinar: Climate Change Mitigation: Decarbonisation Technology and Innovation - What To Know and Do About it

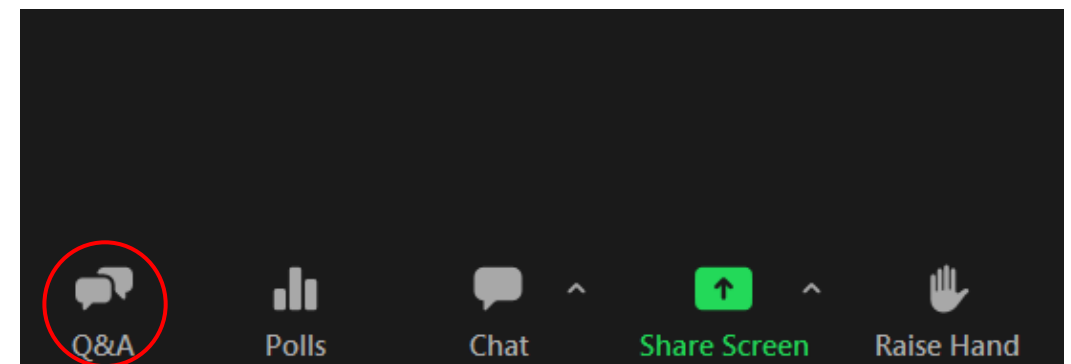
Moderator: Mr. Felix LAM
Head of Sustainability
Green Council

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Housekeeping on this webinar

- All attendees are muted.
- If you have any questions for speakers, you may write them at the Q&A box.
- Question to speaker will be addressed at end of his/her presentation.
- All presentation slides and recording will be posted at Green Council website.
- Attendees will receive a Certificate of Attendance for this 3 hours webinar after a completion of feedback survey.
- 15 minutes break at the middle of webinar



Hong Kong breaks hottest September day twice in 2022



Hong Kong / Health & Environment

Hong Kong reports hottest day in September since records began in 1884

- Observatory reports temperature of 35.3 degrees Celsius on Monday afternoon, breaking previous record from 1963 for September
- Mercury reaches around 33 degrees in many parts of Hong Kong, while residents in New Territories sizzle under even higher temperatures

Hong Kong / Health & Environment

Hong Kong logs hottest September day at 35.9 degrees Celsius, topping last week's record-breaking figure

- Observatory warns extreme heat will continue until early next week due to dry continental airstream
- Health authorities urge public to take precautions against heatstroke and sunburn

Hong Kong weather

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Hong Kong weather

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Ezra Cheung and Oscar Liu

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We have longer and hotter summer time in Hong Kong!



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	May (average)	Jun (average)	Jul (average)	Aug (average)	Sep (average)	Total (average)
Number of very hot day of daily temp \geq 33.0 degrees C						
2000 - 2005	0	2	5	2	1	10
2006-2010	0	2	7	5	4	18
2011-2015	0.3	5	7	8	2	22
2016-2019	4	7	10	9	4	34
2020	1	6	20	16	4	47
2021	12	4	17	5	15	53
2022	0	6	21	10	?	



Historical
Record

Source: Hong Kong Observatory

	Topic
1	<p>Global Trends on Decarbonisation Technology for building applications</p> <p>Mr. Henry Wang, International Adviser and Author; Member, G20/B20 International Taskforces, London University SOAS SCI Advisory Board, Imperial College London Grantham Stakeholders Committee, University College London China Advisory Board</p>
2	<p>Building Decarbonisation Infrastructure for a sustainable city</p> <p>Mr. Norman Cheng, Business Development and Performance Director, Veolia Hong Kong</p>
3	<p>Application of information technology to decarbonise your organisation</p> <p>Mr. Paul Fraley, Managing Director, Tel-e-Biz</p>
4	<p>HVAC Technology Update</p> <p>Ir. Dr. Dennis Tung, Founder & CEO, Sustainable Energy Ltd</p>
5	<p>Green Technology and Innovation in Electricity Generation</p> <p>Mr. Jason Lao, Regional Director and Head of Sales, VPower Group International Holdings Limited</p>

Welcome our speakers!



Global Trends on Decarbonisation Technology for building applications



*Mr. Henry Wang,
International Adviser and Author;
Member, G20/B20 International
Taskforces, London University
SOAS SCI Advisory Board,
Imperial College London
Grantham Stakeholders
Committee, University College
London China Advisory Board*

Eurlng. Henry K. H. Wang is an international executive, author and speaker with extensive high level business experience globally. He is President of Gate International and was a former director of both Shell China and SABIC in Riyadh. He is a Fellow of the Royal Society of Arts FRSA and Fellow of Institute of Chemical Engineering. He is a board member of London University SOAS Advisory Board and University College London China Advisory Board plus China Carbon Forum Advisory Board. Henry has been invited to join the G20/B20 Global Leaders Taskforce. He has published over 100 papers and speeches plus 5 books globally. His negotiation paper was selected as one of Top Five UK Management Papers of the Year. He has been invited to speak at international conferences, leading universities and business schools globally. He is also undertaking charity work on leadership and sustainability globally.

Building Decarbonisation Infrastructure for a sustainable city



*Mr. Norman Cheng,
Business Development and
Performance Director,
Veolia Hong Kong*

Mr. CHENG is currently the Business Development and Performance Director of Veolia Hong Kong, responsible for strategic development of the company in the region, including but not limited to water, solid waste, and energy management activities.

Norman has worked in multiple international environmental management companies, specialising in the design, build, and operation of water, sewage, sludge, and waste management facilities.

He is committed to serving the society, and is an active member in many professional institutions, namely the Hong Kong Institution of Engineers (HKIE), the Chartered Institution of Water and Environmental Management (CIWEM) Hong Kong Branch, and Hong Kong Waste Management Association (HKWMA).

Application of information technology to decarbonise your organisation



*Mr. Paul Fraley,
Managing Director,
Tel-e-Biz*

Paul is the Managing Director of Tel-e-Biz. He had a strong foundation in both Telecommunications and Information Technology and the intimate knowledge and experience of applying the virtuous fusion of such technologies in the digital age, affords a unique perspective. He is experienced in developing and setting the vision and crafting and applying the play-book for the successful mission for business success. Identifying and driving channel success, innovative partnership programs, and connect with partners through value creating platforms and shared experiences. Engage and create the environment for constructive interaction and communications both inter and intra companies.

Paul's specialities are identifying and articulating digital technology-driven business opportunities; leading and driving accelerated business growth, creating company flair; hands-on solutions to business and financial problems; champion of social media, Big Data, BI, AI, and ML Projects; practical expertise in applied diagnostic, predictive and prescriptive analytics for business success. He is also the course creator and lecturer in HKUSPACE in Big Data, BI, AI, SEO and Web analytics, BI Technology Management, and KM and BI for eHealth. Paul received a Bachelor of Engineering (Honors) Degree, a Master of Engineering (Control) and a Master of Master of Business (Electronic Business Management) from the University of Technology Sydney (UTS) Australia.

HVAC Technology Update



*Ir. Dr. Dennis Tung,
Founder & CEO,
Sustainable Energy Ltd*

Ir Dr Dennis Tung is Founder and CEO of Sustainable Energy Limited (SustainE) which is a heat pump manufacturer and solution provider for green buildings. The status of Designated Local Research Institution (DLRI) in the field of Mechanical Engineering in the areas of “Heat Pump” and “HVAC” was granted to SustainE by the Commissioner for Innovation and Technology in Hong Kong. SustainE is also listed on the CIBSE (Chartered Institution of Building Services Engineers) Directory of Member Practices. Ir Dr Tung is a professional engineer (CEng & RPE) and a registered energy assessor with substantial experience in building services and heat pump manufacturer. He is honored to receive Designated Inventor from the European Patent Office, and Silver Award from the Inventions Geneva. To share his knowledge of using sustainable energy, he has published the book “Heat Pumps for Sustainable Heating and Cooling” with Springer Nature Switzerland AG. He also co-owned 3 patents.

Green Technology and Innovation in Electricity Generation



Jason joined VPower Group in 2017 and currently leads a team of sales professional in expanding VPower Group's business in Hong Kong and overseas markets such as the United Kingdom. Jason has more than 20 years of experience in both gas and diesel power generation, energy storage and renewable energy. His expertise covers energy application, project management, business development and strategy formulation.

*Mr. Jason Lao,
Regional Director and Head
of Sales,
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Holdings Limited*

Thank You for your listening!

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