

## Information Pack

BEC EnviroSeries Conference – 19 May 2016

A Resilient and Low Carbon Hong Kong – Transforming Awareness into Actions

### Background

Business Environment Council Limited 商界環保協會有限公司 (“BEC”), is an independent, charitable membership organisation established by the business sector in 1992. Staged twice a year, the EnviroSeries is BEC’s flagship conference that provides a cross-sector forum to discuss and address key issues related to Hong Kong’s environmental sustainability. BEC EnviroSeries has a proven track record of success in bringing together like-minded leaders to exchange industry knowledge and showcase leading best practice.

### Overview

**Date** : 19 May 2016 (Thursday)

**Time** : 9:30 to 17:05

**Venue** : JW Marriott Hong Kong

In December 2015, governments from 195 countries adopted the Paris Agreement to reduce carbon emissions, with the goal of keeping temperature rise below 2°C and to make efforts to keep it below 1.5°C. The ambition is that **by the end of the century the world will achieve net zero emissions**.

The Paris Agreement followed two weeks of negotiations at the Paris Climate Conference, the 21st yearly session of the Conference of the Parties (“COP21”) of the United Nations Framework Convention on Climate Change (“UNFCCC”). For the first time, commitments were made by all the major countries, including China, to reduce emissions. A clear long-term goal was set, with countries making binding commitments for the medium term, generally up to 2030. COP21 has been widely hailed as a success. Implementation and ratcheting up of emission reduction targets are vital to achieving these goals.

Hong Kong as one of the wealthiest cities in Asia has a role to play in helping keep up the momentum to achieve these fundamental goals. To date it has set targets for 2020 relating to the carbon intensity of the economy, and its existing model of urban design and transport mean that it is faring well in some ways. However, there is now a need to consider what governments and business must do to ensure that Hong Kong’s private sector, public sector and households are on the right trajectory to reduce Hong Kong’s carbon emissions in accordance with world targets and China’s plans in both the short term and the longer term.

This will require building on good practice in some areas but, in others, major shifts in current practice may be required. Reducing the carbon intensity of electricity generation, reducing the use of electricity in buildings and energy in transport, as well as reducing waste and embodied carbon have potential for delivering significant and cost-effective GHG emission reductions.

In this conference, BEC will bring together industry experts, policy makers, business leaders and academics to discuss strategies and develop longer-term plans for reducing emissions in energy generation as well as reducing energy usage. We will adopt a sectoral approach and explore innovative solutions and technologies, looking at their impact and cost effectiveness. At the end of this conference we aim to have a clear sense of what the different sectors need to do in the short term as well as in the longer term to meet reduction targets in a cost-effective way that enables the HK economy to have a high level of energy security, to be competitive, and to support a global shift to net zero emissions.

9:00	Reception and Registration
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**Morning session**

9:30 (10 mins)	<b>Opening Remarks</b> - Mr Eric CHONG, BEC Board Director / Chair of BEC Climate Change Business Forum Advisory Group / President & CEO, Siemens Limited, Hong Kong & Macao
9:40 (10 mins)	<b>Group Photo and Souvenir Presentation (Sponsors)</b>
9:50 (10 mins)	<b>Group Photo and Souvenir Presentation (Speakers)</b>
10:00 (15 mins)	<b>Keynote Presentation - Climate Change and Hong Kong</b> - Ms Christine LOH, JP, Under Secretary for the Environment, Hong Kong SAR Government
10:15 (15 mins)	<b>Climate Change Impacts on Hong Kong</b> - Mr Chi-ming SHUN, JP, Director of the Hong Kong Observatory, Hong Kong SAR Government
10:30 (15 mins)	<b>Low Carbon Hong Kong: Why Business Should Lead</b> - Mr Eric CHONG, BEC Board Director / Chair of BEC Climate Change Business Forum Advisory Group / President & CEO, Siemens Limited, Hong Kong & Macao
10:45 (15 mins)	<b>Future Energy Generation in Hong Kong - Potential Trajectories for the Fuel Mix</b> - Mr Tung-keung CHIANG, Chief Operating Officer, CLP Power Hong Kong Limited

**Networking Tea-break 11:00 – 11:15**

11:15 (15 mins)	<b>Driving Change in the Short Term: Commercial Viability of Waste to Energy – Optimizing Returns</b> - Dr Anne KERR, Global Head Urbanisation, Mott MacDonald Hong Kong Limited
11:30 (15 mins)	<b>China's Climate Change Policy – Introducing a Carbon Price</b> - Mr Wai-shin CHAN, Director, Climate Change Strategy, Asia Pacific, The Hong Kong and Shanghai Banking Corporation Limited
11:45 (60 mins)	<b>Panel Discussion:</b> <b>Low Carbon Hong Kong: Improving Our Fuel Mix - Strategies and Solutions?</b> Moderator: Mr Pat-nie WOO, Principal, Business Reporting and Sustainability, KPMG Panellists: - Ms Christine LOH, JP, Under Secretary for the Environment, Hong Kong SAR Government - Mr Eric CHONG, BEC Board Director / Chair of BEC Climate Change Business Forum Advisory Group / President & CEO, Siemens Limited, Hong Kong & Macao - Ir TC YEE, BEC Board Director / General Manager (Corporate Development) , The Hongkong Electric Company Limited - Mr Wai-shin CHAN, Director, Climate Change Strategy, Asia Pacific, The Hong Kong and Shanghai Banking Corporation Limited - Mr Gavin EDWARDS, Director of Conservation, WWF Hong Kong - Prof Irene LO, Professor, Department of Civil and Environmental Engineering, The Hong Kong University of Science and Technology

**Networking Luncheon 13:00 – 14:15**

<b>13:00</b> (15 mins)	<b>Luncheon Presentation:</b> <b>Eco Innovation: Happy Valley Underground Stormwater Storage Scheme</b> - Ir Edwin TONG, JP, Director of Drainage Services, Hong Kong SAR Government
<b>Afternoon session</b>	
<b>14:30</b> (15 mins)	<b>Group Photo and Souvenir Presentation (Speakers)</b>
<b>14:45</b> (15 mins)	<b>Making Our Buildings Fit for the 21<sup>st</sup> Century: Meeting Targets for 2030 and Net Zero by 2100</b> - Dr Raymond YAU, BEC Board Director / General Manager, Sustainable Development, Swire Properties Limited
<b>15:00</b> (15 mins)	<b>International Perspectives on Driving Transformative Change in the Urban Infrastructure</b> - Dr Thomas TANG, Director, Sustainability, Asia, AECOM
<b>15:15</b> (15 mins)	<b>Pathways for a Low Carbon and Resilient Future after COP21: An Architect's Perspective</b> - Mr Wilson YIK, Associate (Sustainability), Leigh & Orange Limited
<b>Networking Tea-break 15:30 – 15:45</b>	
<b>15:45</b> (15 mins)	<b>How Technologies Can Support the Development of a Low Carbon Metropolis?</b> - Ir Antonio CHAN, Director, Hong Kong Green Building Council / Executive Director, REC Engineering Group
<b>16:00</b> (60 mins)	<b>Panel Discussion:</b> <b>How Business Can Lead the Way in a Transition Hong Kong to a Future-proof Low Carbon City – Strategies and Approaches?</b> Moderator: Ir Dr K L CHAN, Group Business Development Director, The Jardine Engineering Corporation, Limited Panellists: - Dr Raymond YAU, BEC Board Director / General Manager, Sustainable Development, Swire Properties Limited - Ir Antonio CHAN, Director, Hong Kong Green Building Council / Executive Director, REC Engineering Group - Dr Calvin KWAN, General Manager – Sustainability, Link Asset Management Limited - Dr Kyung-Min NAM, Assistant Professor, Department of Urban Planning and Design, The University of Hong Kong - Dr Thomas TANG, Director, Sustainability, Asia, AECOM - Mr Wilson YIK, Associate (Sustainability), Leigh & Orange Limited
<b>17:00</b>	<b>Closing Remarks</b> - Mrs Christine CHEUNG, Chief Executive Officer, Business Environment Council
<b>17:05</b>	<b>End of Programme</b>

**For additional information, please contact:**

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