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INNOVATION/

Strengthening Research and Technological Capabilities of Hong Kong

- The Hong Kong government has announced to establish two new clusters, namely the Healthcare Technologies and AI and Robotics Technologies.
 - The Hong Kong government has reserved HK\$ 10 billion for the establishment of the two new clusters.
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In the financial year of 2018 – 2019, the Hong Kong government has reserved more than HK\$ 50 billion for the development of innovation and technologies, where the details have been discussed in our previous newsletter ([March issue](#)). To fully utilise the budget, the Hong Kong government has approved to establish two new clusters at Hong Kong Science Park, namely the Healthcare Technologies and AI and Robotics (AIR)Technologies.

The establishment of two new clusters at the Hong Kong Science Park aims to attract institutions that are among the global top echelon in healthcare or AIR technologies. It is expected that the world-class research institution will be collaborating with the local research institutes, collectively promoting the thriving development of life science, healthcare and AIR sectors.

A funding of HK\$ 10 billion will be used to provide financial support to research centres/ laboratories operated by non-profit-making institutions at the two clusters. The financial support packages include capital, operation and research support to the selected institute:

Capital support – It is estimated that HK\$ 800 million in total will be provided as a support to cover the capital expenditure for research centre set-up, and HK\$ 1,200 million in total will be provided for equipment and periodic renovation/upgrade etc;

Operation support – A recurrent operating costs of HK\$ 8,000 million in total would be subsidized to cover rental, utilities, staff cost as well as other related expenses;

Research support – research projects undertaken by research centres/ laboratories within the clusters would be financed by the Innovation and Technology Fund.

The Innovation and Technology Commission plans to admit about 4-5 research centres/ laboratories in each cluster in the first year and gradually increase to 10 research centres/ laboratories in each cluster in the following few years. The government will also put in place a rigorous governance regime to ensure the quality and focus of+ publicly-funded research activities.

Company News

Introduction to BREEAM training

On 3 August, we co-organised the Introduction to BREEAM training with Business Environment Council and Building Research Establishment. The training covered the scope of BREEAM schemes, assessment process and principles of certification. Benjamin Pettitt, the speaker from BRE China also shared case studies of BREEAM New Construction Scheme and BREEAM In-Use.



Hong Kong Green Building Week 2018

We are honoured to become a supporting organisation for Hong Kong Building Week 2018, holding on 24 – 30 September 2018, organised by the Construction Industry Council and the Hong Kong Green Building Council.

On 30 August, we attended the Hong Kong Green Building Week Launching Ceremony to officiate the event.

Visit to SenseTime

On 13 September, Professor Charlie Jeffery, the Senior Vice Principal of the University of Edinburgh paid a visit, together with HKCCI and SDI, to SenseTime at Hong Kong Science Park.

SenseTime is the world's most valuable artificial intelligence (AI) unicorn focusing on computer vision and deep learning.



Meeting with Hong Kong Science Park

On 13 September, we assisted in organising a meeting between Professor Charlie Jeffery, the Senior Vice Principal of University of Edinburgh and the AI and Robotics (AIR) platform and Dr Komura Taku. Representatives from the University of Hong Kong, Chinese University of Hong Kong, City University of Hong Kong and a HK AIR company– Asiabots attended the meeting on the opportunity of coming new clusters on AIR.



CSR Asia Summit 2018

We are honoured to be one of the supporting organisations for CSR Asia Summit 2018, holding on 18 – 19 September 2018, organised by CSR Asia and the Elevate Limited.



Invitation to tender

We were invited by the Construction Industry Council (CIC) to submit a proposal on the consultancy services on Development and Implementation of a CIC Carbon Assessment Tool for the Construction Industry Council. We have partnered with a local consultancy firm to tender for the project.



Research Case Studies

Explore the latest innovative research capabilities in Asia:



Generating Electricity, Come Rain Or Come Shine

In a study published in ACS Nano, scientists in China have developed hybrid solar cells that can generate energy not only from sunlight, but also from the motion of raindrops. [Read more](#)



How to Navigate a City without Getting Lost

Researchers in Hong Kong have developed an alternative positioning system based on ID plates for buildings, shops and offices, allowing for more precise location tracking. [Read more](#)



HKU and Microsoft Team Up for AI Research

The partnership aims to provide HKU scientists and students with Microsoft AI technology for research and development projects in the domains of healthcare, fintech and smart city applications. [Read more](#)



Supercharging Algae's Ability to Produce Biofuels

Researchers at Tokyo Institute of Technology, Japan, have identified an enzyme belonging to the glycerol-3-phosphate acyltransferase family as a promising target for increasing biofuel production by red algae. [Read more](#)



Opportunities

Funding from the “Postdoctoral Hub” Programme

To nurture and bring together more technology talent and encourage them to pursue a career in innovation and scientific research, the Innovation and Technology Commission launched the Postdoctoral Hub programme under the Technology Talent Scheme in August 2018. [Learn more...](#)

Hong Kong Talent List 2018

The Hong Kong Government has promulgated the first Talent List of Hong Kong on 28 August 2018. Covering 11 professions, including waste treatment specialists, fintech professionals, data scientists & cyber security specialist and innovation and technology experts. The list aims to attract quality talents from around the world in a more effective and focused manner to support Hong Kong’s development into a high value-added and diversified economy. Qualified talents will be provided with immigration facilitation under the Quality Migrant Admission Scheme. [Learn more...](#)



Upcoming Events

Browse upcoming events in Hong Kong and Asia:

Events 2018	
Hong Kong	
24-30 SEP	Hong Kong Green Building Week 2018
26 SEP	Building Information Management (BIM) Level 2 Awareness Training
28 SEP	The Law Society of Hong Kong’s Belt and Road Conference
05 OCT	LSCM Logistics Summit
11-12 OCT	BREEAM In-Use Assessor Training
25-28 OCT	ECO Expo Asia
29 OCT – 02 NOV	Hong Kong Fintech Week 2018
Asia	
05-07 SEP	Build Eco Xpo (BEX) Asia
18-19 SEP	TechInnovation 2018
18-20 SEP	Fourth Edition of IE Expo Guangzhou
10-12 OCT	Responsible Business Forum on Sustainable Development
15-16 NOV	Supply Chain Innovation Summit 2018



Other News

Browse low-carbon and innovation news in Hong Kong and Asia:

19 SEPTEMBER 2018

China's waste ban has rocked the recycling world and revealed Hong Kong's dire record. What next for the city's rising mountains of trash?

03 SEPTEMBER 2018

What one of China's most prestigious medical research centres' arrival in Hong Kong could do for local innovation

27 AUGUST 2018

It's not 2008. Don't look to Beijing for a big stimulus programme

28 AUGUST 2018

Air pollution can damage the brain, Chinese researchers find in far-reaching national study

26 AUGUST 2018

Hong Kong to pay for recyclers to collect plastic waste in trial scheme covering homes, offices and schools in 3 districts

23 AUGUST 2018

KFC to ditch plastic straws and drink lids for dine-in customers in all of its Hong Kong and Macau restaurants

23 AUGUST 2018

New bids to attract IT talent to Hong Kong will help, but city faces tech sector challenges, experts say

19 AUGUST 2018

Innovation, technology will give Hong Kong economy a boost and help develop high-end industry, senior officials says

15 AUGUST 2018

New chairman at Hong Kong Science and Technology Park looks to build up management and spruce up facilities

13 AUGUST 2018

For Hong Kong-listed firms, environment and governance disclosure is 'box-ticking' exercise: KPMG

About Us

We aim to establish ourselves into a reputable hub for education, research and development, and application of world-class low-carbon solutions with strong partnership among the UK, Hong Kong, and China.

[Website](#) | [LinkedIn](#) | [Facebook](#)

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