

PRESS RELEASE

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Grand Opening of “Climate Change and My Smart City” Experience Centre at Construction Industry Council - ZCB

Hong Kong · 9 June 2017 – The Grand Opening Ceremony of “Climate Change and My Smart City” Experience Centre of the Construction Industry Council (CIC) - ZCB took place today. Officiating guests, Mr. Eric MA, Secretary for Development; Mr. CHAN Ka-kui, Chairman of CIC, exhibitors, various guests together with smart robot “ZCB Boy” and friends of media witnessed and celebrated a new chapter of ZCB.

Located on Sheung Yuet Road, Kowloon Bay, ZCB was officially open to public on 5 January 2013. In the past few years, it has been dedicated to the demonstration and exhibition of state-of-the-art eco-building designs and technologies. Together with the Government, the construction industry and innovative entrepreneurs, CIC transformed ZCB into a “Climate Change and My Smart City” Experience Centre. Aligned with the Government’s plan to develop Hong Kong into a smart city, this new Experience Centre features four key themes, namely “Climate Change”, “Smart City & Sustainable Built Environment”, “Smart Living” and “Health & Well-being”. The exhibition applies Virtual Reality (VR), Augmented Reality (AR) and various gamification features to arouse public interest in smart city, which should be conducive to the development of smart city in Hong Kong.

For the first theme on “Climate Change”, a short video produced by the Hong Kong Observatory shows the causes and severe impacts of climate change on our city. Also, a city model was built to illustrate various government initiatives on combating climate change.

For the second theme of “Smart City & Sustainable Built Environment”, a variety of designs and construction technologies are showcased, including:

- Building Information Modeling (BIM) VR experience: transforming a physical building into virtual reality to better understand its spatial design and surroundings hence streamlining construction procedures for engineers and architects
- Construction site VR safety training: allowing users to walk around a virtual construction site under different conditions – safe, dangerous or fatal

- Exoskeleton Suit (aka “Iron Man” on project site): greatly reducing the weights that construction workers bear, improving human strength, endurance and mobility. More importantly, it helps protect the backbone of the construction workers during lifting

The “Smart Living” and “Health & Well-being” themed areas further demonstrate smart city life through a series of interactive and innovative exhibits:

- Autonomous Electric Vehicle (MobiToTo): the first multi-functional autonomous vehicle in Hong Kong which can be used as a goods vehicle, entertainment and information hub, mobile library, and for holding meetings and weddings. It can be used as a creative showcase to demonstrate shared mobility, carbon reduction and traffic safety improvement
- Hand of Hope: combining robotics and neuroscience, the device facilitates hand rehabilitation for stroke patients
- Smart Mirror: a personal digital assistant which delivers useful public information and helps monitor your daily health
- Intelligent Diabetic Retinopathy Screening Platform: a speedy and reliable retinal image analysis for possible diabetic eyes people through sophisticated camera
- RFID Blind Cane Navigation system: audio guidance for the visually impaired

*** Please refer to [Annex 1](#) for details of the innovative exhibits inside the “Climate Change and My Smart City” Experience Centre ***

At the Grand Opening Ceremony of CIC - ZCB “Climate Change and My Smart City” Experience Centre”, Mr. Eric MA, Secretary for Development said, “The development of smart city relies on everyone’s effort, we are grateful to have support from different industries and sectors”. Mr. CHAN Ka-kui, Chairman of CIC, also expressed, “We aim to reposition ZCB as a centre showcasing the advanced technologies of a smart city and eco-building design.”

The public can make online reservation for guided tour. Details are as follow:

Exhibition Venue	8 Sheung Yuet Road, Kowloon Bay, Kowloon.
Exhibition Date and Time	Starting from now to 31 December 2017 (10am, 2pm, 4pm)
Admission Fee	Click LIKE on ZCB Facebook page to enjoy free admission
Facebook Page	www.facebook.com/cic.zcbhk
Reservation Website	http://www.cic.hk/chi/main/zcb/plan_your_visit/tour_booking/
Enquiry	2100 9800

*Guided tour can be registered online. First-come, first-served.



Mr. Eric MA, Secretary for Development, delivering a keynote speech at the Grand Opening Ceremony of “Climate Change and My Smart City” Experience Centre of the Construction Industry Council (CIC) – ZCB



Mr. CHAN Ka-kui, Chairman of Construction Industry Council, delivering welcome remarks



From left: Mr. Albert CHENG, Executive Director of Construction Industry Council; Mr. CHAN Ka-kui, Chairman of Construction Industry Council; Mr. Eric MA, Secretary for Development; Mr. CHEUNG Hau-wai, Chairman of the Zero Carbon Building; and Mr. Chow Lap-man, CEO of the Zero Carbon Building took a photo with smart robot “ZCB Boy”



Autonomous Electric Vehicle (MobiToTo): the first multi-functional autonomous vehicle in Hong Kong

About the Construction Industry Council

The Construction Industry Council (CIC) was formed in 2007 under the Construction Industry Council Ordinance (Cap. 587). The CIC consists of a chairman and 24 members representing various sectors of the industry including employers, professionals, academics, contractors, workers, independent persons and Government officials.

The main functions of the CIC are to forge consensus on long-term strategic issues, convey the industry's needs and aspirations to the Government, provide professional training and registration services, and serve as a communication channel between the Government and the construction industry.

Please visit www.cic.hk for further details.

About ZCB

Developed by the CIC in collaboration with the HKSAR Government, ZCB is Hong Kong's first zero carbon building managed by Zero Carbon Building, a charitable company established by the CIC. It aims to showcase the state-of-the-art eco-building design and technologies to the construction industry locally and internationally and to raise the community's awareness of low carbon living. It serves as a platform for the construction industry to share knowledge and expertise in zero / low carbon building design and technologies, and provides the public with a greenery leisure space for enjoyment.

Please visit <http://www.cic.hk/zcb/> for further details.

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