

Construction Industry Council

Committee on Environment, Innovation and Technology

Meeting No. 002/15 of the Committee on Environment, Innovation and Technology for 2015 was held on 30 April 2015 (Thursday) at 2:30 pm at CIC Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong.

Present:	Kevin POOLE	(KP)	Chairman
	Paul CHONG	(PC)	
	Stephen YIM	(SnY)	Housing Department
	Stephen LAI	(SLI)	
	Robert LAM	(RL)	
	Christopher LEUNG	(KYL)	
	Sam-choi CHAN	(SCC)	Construction Site Workers General Union
	Ringo YU	(RY)	Hong Kong Construction Association
	Vincent MAK	(VM)	Development Bureau
	Joe FONG	(JF)	Environmental Protection Department
In Attendance:	Francis LEUNG	(LLK)	Development Bureau
	Alan HUANG	(AHg)	McKinsey & Company
	Ka-chun MAK	(KMK)	Architectural Services Department
	Sek-cheung WONG	(SCW)	Electrical and Mechanical Services Department
	Ivan LEUNG	(ILg)	LSCM
	Victor WONG	(VWg)	Senior Manager – Council Services
	Ivan KO	(IK)	Senior Manager – Construction Trade Testing
	Julian LEE	(JL)	Manager – Research
	Stella LEUNG	(SaLg)	Assistant Manager - Construction Trade Testing
	Apologies:	Andrew CHAN	(AKYC)
Ping-wai CHOW		(PWC)	Hong Kong Construction Industry Employees General Union
Reuben CHU		(RC)	
Siu-wai HUI		(SWH)	Buildings Department
Wai-wah HO		(WWH)	Chair of TF-RSS
Stephen LAI		(SLI)	
Tony LEE		(TLee)	
Thomas NG		(TN)	The University of Hong Kong
Simon WONG		(SW)	Chair of TF-RFID

PROGRESS REPORT

Action

2.1 Proposals to Support Construction Professional Services

Members received a presentation by Mr. Francis LEUNG from DevB on CIC/EIT/P/007/15 for the proposal to support construction professional services made by the Working Group on Professional Services. Mr. LEUNG presented two proposals specifically for construction professional services with the following two objectives:

- Shaping Hong Kong as Asia's Centre of Construction Excellence
- Enhancing Construction Professionals' Practice and Expertise

The following suggestions were received from the members:

- DevB should provide more opportunities for local consultants to participate in public civil projects for nurturing local professionals.
- Planning to export professional services to overseas should be considered in this Working Group.

2.2 Consultancy Services on Development Strategy for the Hong Kong Construction Industry

Mr. Alan HUANG of McKinsey provided a presentation on Paper CIC/EIT/008/15 to the members. The presentation provided the progress update and Draft Two Report of the consultancy.

Members took note and advocated the possibility on:

- Further study on comparison of regional practices and local practices
- Provided a comparison on public and private residential building on the adoption of the 4-days cycle to build a floor.
- The use of advanced technology in the industry

Members were invited to provide their comments and feedback on this Draft Two Report to the Secretariat.

Action

2.3 Confirmation of Progress Report of Previous Meeting

Members took note of Paper CIC/EIT/R/001/15 and confirmed the progress report of the last meeting held on Thursday, 15 January 2015 at CIC Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong.

2.4 Matter Arising from the Previous Meeting

Nil

2.5 Progress Update on the RFID in Monitoring Movement of Construction Waste

Ivan LEUNG from LSCM updated the members on the progress of the task force. Various sites were visited for the purpose of RFID installation on dump trucks and dump site. NENT site was visited in March 2015 and presentation was given to the contractor about the RFID installation, who supported this trial run and setup. A proposal on the implementation of the system was submitted to EPD whereas no objection was received. A one year pilot scheme would be launched in a month. The pilot scheme was supported by MTRC with a trial run with no more than 10 dump trucks.

The following suggestions were received from members:

- To update the Com-EIT on the progress by the end of December 2015. ILg & SCC
- Interim report on reviewing the pilot scheme should be made by every 3 months once completed the RFID installation and monitor the consistency of the trial result.
- SCC agreed to support the pilot scheme and would help to invite the members of his organisation to participate into the scheme so as to enlarge the sample size.
- More trial sites and different types of trucks should be included in this pilot scheme instead of one single site.

2.6 Research and Survey on the Construction & Demolition (C&D) Waste in Hong Kong

With the recommendation from EPD, a task group on Strategy for Management and Reduction of Construction and Demolition

Action

Waste in Hong Kong.

RY accepted the invitation to act as the Chairman of the Task Group. Regarding to the invitation as Task Group members, RL recommended including representative from The Hong Kong Institute of Architects.

RY

After much deliberation, members endorsed the terms of reference of the Task Group.

2.7 **Task Group on Establishment of Industry Standard for BIM Implementation**

Members took note and endorsed of Paper CIC/EIT/P/010/15 on the final draft of BIM Standards (Phase One).

The following were highlighted:

- Consultancy was commissioned to prepare a set of BIM Standards that were suitable to the local practices of Hong Kong in March 2014 under the supervision of the Task Group.
- Leveraged various existing BIM Standards in Hong Kong and other counties, the Phase One Standards included four chapters i) Project Execution Plan; ii) Modelling Methodology; iii) Level of Detail; and iv) Component Presentation Style and Data Organisation.
- The Standards had been deliberated and consulted at different stakeholders' forums.
- The Standards had been recommended by the Task Group on 22 April 2015.
- Other phases in different aspects may be prepared upon feedback of the industry toward Phase One Standards.
- Members endorsed the Standards as reference materials.

The
Secretariat

2.8 **Assignment Brief of BIM Standards to Facilitate the Submission of GBP for Statutory Authorities (Phase One)**

Further to the comments received from the members in the COM-EIT meeting no. 001/15, a revised draft assignment brief was prepared for members to endorse.

The following comments were received:

Action

- Some statutory authorities may have different views on adopting BIM technology as a method of quality check before submission to statutory authorities.
- There's discrepancy on Gross Floor Area (GFA) and site coverage interpretation between Buildings Department and Lands Department which should be taken into account and to be further explored in consultation later on.

The
Secretariat

After much deliberation, members endorsed the draft assignment brief.

2.9 Any Other Business

Members were invited to take note of the CIC Innovation Awards.

2.10 Tentative Date of Next Meeting

24 July 2015 at 2:30 pm at CIC Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong.

All to note

There being no further business, the meeting was adjourned at 4:30 pm