

Construction Industry Council

Committee on Environment, Innovation and Technology

Meeting No. 004/15 of the Committee on Environment, Innovation and Technology for 2015 was held on 12 November 2015 (Thursday) at 3:00 pm at CIC Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong.

Present:	Kevin POOLE	(KP)	Chairman
	Andrew CHAN	(AKYC)	
	Reuben CHU	(RCU)	
	Stephen LAI	(SLI)	
	Robert LAM	(PHL)	
	Ringo Shek-man YU	(RiYu)	Chairperson of Task Group on Strategy for Management and Reduction of Construction and Demolition Waste in Hong Kong (TG-MRW)
	Vincent MAK	(VM)	Development Bureau (DevB)
	Harry LAI	(HLA)	Electrical and Mechanical Services Department (EMSD)
	Sam-choi CHAN	(SCC)	Construction Site Workers General Union (CSWGU)
	Ping-wai CHOW	(PCH)	Hong Kong Construction Industry Employees General Union (HKCIEGU)
In Attendance:	Ivan LEUNG	(ILg)	Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM)
	Chimmy CHU	(CWM)	Hong Kong Housing Authority (HKHA)
	Ka-chun MAK	(KaCM)	Architectural Services Department (ArchSD)
	Clarice YU	(YPM)	Buildings Department (BD)
	Julian LEE	(JnL)	Senior Manager - Research & Development
	Sally LEUNG	(SYLg)	Manager - Council Services

	Angela YUEN	(AaY)	Manager - Council Services
	Alfred LEUNG	(AdLg)	Assistant Manager - Council Services
	James WONG	(JsW)	Assistant Manager - Research & Development
Apologies:	Ada FUNG	(AF)	for Permanent Secretary for Transport and Housing (Housing) / Chairperson of Working Group on Roadmap for BIM Implementation
	Wai-wah HO	(WWH)	Chairperson of Task Force on River Sand Substitutes Research (TF-RSS)
	Simon WONG	(KyW)	Chairperson of Task Force on Schematic Design for Application of RFID, GPS and Sensor Technology in Monitoring the Movement of Construction Waste (TF-RFID)
	Tony LEE	(TLe)	Environmental Protection Development (EPD)
	Paul CHONG	(PC)	
	Siu-wai HUI	(SWH)	Director of Buildings
	Christopher LEUNG	(KYL)	
	Thomas NG	(TN)	The University of Hong Kong
Presenter:	Priscilla WONG	(PWg)	Hong Kong Green Building Council (HKGBC)
	Candy TUNG	(CyTg)	HKGBC

PROGRESS REPORT

Action

4.1 Confirmation of the Progress Report of the Com-EIT Meeting No. 003/15 held on 24 July 2015

Members took note of Progress Report CIC/EIT/R/003/15 and confirmed the Progress Report of the last meeting held on Thursday, 24 July 2015.

4.2 Matter Arising from the Previous Meeting

SYLg updated the following 2 matters:

Agenda item 3.8 The tender for the Survey on the Potential Utilization of Prefabrication Yard in Hong Kong had commenced. Tender would target to be awarded in early 2016.

Agenda item 3.9 Regarding the possibility to conduct a research study on alternative materials for plumbing water pipes, Members were informed that three different investigating committees were set up already to work with the Lead in water. After deliberations, Members agreed that there is no urgency for the Committee to conduct a study at this stage.

4.3 Progress Update on the Task Force on Schematic Design for Application of RFID, GPS and Sensor Technology in Monitoring the Movement of Construction Waste

ILg from LSCM updated Members on the progress of the Task Force. ILg reported that the MTRC sites were no longer available since October 2015. Moreover, it is known that Civil Engineering and Development Department (CEDD) would conduct a Phase 1 Pilot Scheme which involved installation of GPS on dump trucks to monitor the movement of construction waste. A Task Force Meeting would be held soon to discuss a way forward for the Task Force.

ILg & SCC

4.4 Progress Update of the Task Group on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong (TG-MRW)

SYLg briefed Members on the paper CIC/EIT/P/015/15 regarding “Progress update of the Task Group on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong” (TG-MRW).

The Task Group was chaired by RY with nine Members from DevB, HKHA, CEDD, EPD, HKGBC, The Hong Kong Institution of Engineers (HKIE), The Hong Kong Institute of Surveyors (HKIS),

The Hong Kong Institute of Architects (HKIA) and Hong Kong Construction Association (HKCA) respectively.

Two Task Group meetings were held on 9th September and 26th October 2015 respectively.

An informal meeting with EPD was arranged at the South East New Territories (SENT) Landfill on 5th October 2015 with the presence of Task Group Chairperson, DevB representative and CIC Secretariat.

The Task Group suggested engaging a Consultant to carry out Consultancy Services on Strategy for Management and Reduction of Construction & Demolition Waste in Hong Kong. Members recommended two implementation stages. Stage One would be a general review and feasibility study from external Consultant, while Stage Two would be followed subject to the proposals and recommendations from Stage One study.

After deliberations, Members of Com-EIT supported the recommendations from Members of the Task Group and also endorsed updated terms of reference and composition of the Task Group.

Members took note of the progress of the TG-MRW.

4.5 Assignment Brief of the Consultancy Services on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong

SYLg briefed Members on the paper CIC/EIT/P/016/15 regarding “Assignment Brief of the Consultancy Services on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong”.

SYLg briefed Members the objectives, scope of work, timeline and deliverables for the draft Assignment Brief. The Budget for the future Consultancy Services was presented as well.

The weighting ratio of technical to fee proposal ratio would be 7:3.

Members discussed and endorsed the Assignment Brief of the Consultancy Services on Strategy for Management and Reduction of C&D Waste in Hong Kong. CIC Secretariat would follow up the tender documents accordingly.

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(JnL and JW joined the meeting at 3:50pm)

4.6 **Tentative Work Plan and Budget for Year 2016**

SYLg briefed Members on the paper CIC/EIT/P/017/15 regarding “Tentative Work Plan and Budget for Year 2016”. The key tasks in 2016 were as follows:

- Implementation of BIM in the industry (such as BIM professional accreditation scheme in Hong Kong, review on the Roadmap for BIM, new BIM training courses, etc);
- Research on River Sand Substitutes (Phase 2) completion and dissemination seminar;
- Survey on the Potential Utilization of Prefabrication Yard in Hong Kong;
- Consultancy Services on Strategy for Management and Reduction of C&D Waste in HK;
- Carbon Labelling Scheme; and
- Construction-related Research and Development

After deliberations, Members discussed and endorsed the tentative work plan and budget for Year 2016.

(See items 4.8 to 4.9 which were reported before item 4.7)

4.7 **Tentative Meeting Schedule for Year 2016**

SYLg briefed Members on the Paper CIC/EIT/P/018/15 on the “Tentative Meeting Schedule for Year 2016”. Members took note of the tentative Meeting Schedule for Year 2016 for Com-EIT.

- 4.8 **Update progress on:**
(i) Carbon labelling scheme
(ii) Research projects related to Com-EIT
(iii) Building Information Modelling (BIM)

Members took note on the following progress.

- (i) *Carbon labelling scheme*
Research on framework development was made for extra 10 carbon-intensive materials;
15 construction products had been certified and promotional work would continue.
- (ii) *Research projects*
29 research projects were granted by CIC Research Fund to various Research Institutions;
The second issue of the Research Journal ICON was released.
- (iii) *Building Information Modelling (BIM)*
Consultancy Services on the Preparation of BIM to Facilitate Submission of General Building Plan (GBP) (Phase One) was awarded;
The renovation work for BIM Innovation and Development Centre was close to completion.

(JnL and JW left the meeting at 4:15pm)

4.9 **HKGBC initiatives**

(PWg and CyTg joined the meeting at 4:10pm)

Members took note on the latest initiatives from HKGBC, such as HK3030 Campaign, Energy Saving Tool, Green Initiatives, etc. After deliberations, Members agreed to invite HKGBC to have more regular progress update for the upcoming years. CIC Secretariat would follow up accordingly.

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4.10 **Any Other Business**

The Chairman reported that Mr. Alfred Leung, Assistant Manager of

the CIC would leave CIC on 13 November 2015 and expressed gratitude for his past contribution to the Committee.

4.11 Tentative Date of Next Meeting

3 March 2016 (Thursday) at 2:30 pm at Meeting Room No. 1, CIC Headquarters.

[Post Meeting Note: The next Com-EIT Meeting No. 001/16 would be re-scheduled on 30 March 2016 (Wednesday)]

There being no further business, the meeting was adjourned at 4:55 pm

**CIC Secretariat
March 2016**