

**Construction Industry Council**

**Committee on Environment**

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Meeting No. 002/16 of the Committee on Environment for 2016 was held on 16 June 2016 (Thursday) at 2:30 pm at CIC Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong.

Present:	Kevin POOLE	(KP)	Chairman
	Ivan Chin-shing FU	(FI)	
	Robert LAM	(PHL)	
	Kenneth Kon-fei MO	(KM)	
	Sai-yen YU	(SYYu)	
	Vincent MAK	(VM)	Development Bureau (DevB)
	Harry LAI	(HLA)	Electrical and Mechanical Services Department (EMSD)
	Wai-kwong WONG	(WWK)	Architectural Services Department (ArchSD)
	Benny CHOW	(BCw)	Hong Kong Green Building Council (HKGBC)
	Kwok-wing KWAN	(KnKW)	Construction Site Workers General Union (CSWGU)
	Cheuk-pui LO	(CPL)	Hong Kong General Building Contractors Association (HKGBCA)
	Thomas Shiu-tong NG	(TN)	The University of Hong Kong (HKU)
In Attendance:	Ivan LEUNG	(ILg)	Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM)
	Edwina LIM	(EaLm)	Hong Kong Housing Authority (HKHA)
	Christopher TO	(CT)	Executive Director
	Julian LEE	(JnL)	Senior Manager - Research & Development
	Angela YUEN	(AaY)	Senior Manager – Council Services
	Sally LEUNG	(SYLg)	Manager – Council Services

	James WONG	(JsW)	Assistant Manager – Research & Development
Presenter:	Tommy LEUNG	(TyLg)	Mercado Solutions Associates Ltd.
	Dorothy CHUNG	(DyC)	Mercado Solutions Associates Ltd.
Apologies:	Reuben CHU	(RCU)	
	Ada FUNG	(AF)	for Permanent Secretary for Transport and Housing (Housing)
	Siu-wai HUI	(SWH)	Director of Buildings
	Stephen LAI	(SLI)	
	Christopher LEUNG	(KYL)	
	Shu-jie PAN	(PSJ)	
	Ringo Shek-man YU	(RiYu)	Chairperson of Task Force on Strategy for Management and Reduction of Construction and Demolition Waste in Hong Kong (TF-MRW)
	Tony LEE	(TLe)	Environmental Protection Development (EPD)
	Sunny CHAI	(SyCi)	Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM)
	Ka-lung CHAN	(KLCn)	Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC)
Ping-wai CHOW	(PCH)	Hong Kong Construction Industry Employees General Union (HKCIEGU)	
Shun-cheng LEE	(LeSC)	The Hong Kong Polytechnic University (HKPU)	

**PROGRESS REPORT**

**Action**

New Co-opted Members were introduced at the beginning of the meeting.

**2.1 Confirmation of the Progress Report of the Com-EIT Meeting No. 001/16 held on 30 March 2016**

Members took note of Progress Report CIC/EIT/R/001/16 and confirmed the Progress Report of the last meeting held on Wednesday, 30 March 2016.

*(KM joined the meeting at 2:35pm)*

**2.2 Matters Arising from the Previous Meeting**

SYLg updated the following 3 matters:

- Agenda item 1.4 The proposed list of Co-opted Members was approved by Council at its meeting scheduled on 29 April 2016. A Member from Council requested to invite Hong Kong Construction Sub-contractors Association (HKCSA) to nominate a person to become Co-opted Member. After deliberations, it was agreed to consult HKCSA in future on occasions with subjects relevant to them.

Besides, the CIC Secretariat received an email from Environmental Protection Department (EPD) informing us that EPD would like to take out the Co-opted Membership from Com-ENV (as Management considers it more flexible not to join as a standing member). The CIC Secretariat has sent email with follow up calls to EPD. After deliberations, Members agreed it is crucial to have representative from EPD in Com-ENV. The CIC Secretariat will continue to liaise with EPD.

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- Agenda item 1.9 Regarding the feedback from Members of Com-ENV on the recommendations from the

Mckinsey Interim Report, it was reported under Agenda Item 2.8.

**2.3 Rename of Com-EIT and Amend of Terms of Reference**

AaY briefed Members on the paper CIC/ENV/P/008/16 regarding “Rename of Com-EIT and Amend of Terms of Reference”.

To better reflect the functions of the Committees and simplicity in nomenclature, the Council approved the change of Standing Committee name of Com-EIT to Com-ENV on 29 April 2016. The issues related to Building Information Modelling (BIM) were transferred from the Com-ENV to the Committee on Productivity (Com-PRO). It was suggested that the Terms of Reference (TOR) of the respective Committees should be updated to include elements of Innovation, Technology and Research.

Members were also informed that the proposed TOR for Com-ENV would be submitted to Council for approval on 17 June 2016.

*(See items 2.5 & 2.6 which were reported before item 2.4)*

**2.4 Progress update of the Task Force on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong and its Consultancy Services**

SYLg briefed Members on the paper CIC/ENV/P/009/16 regarding “Progress update of the Task Force on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong and its Consultancy Services”.

The Consultancy Services on Strategy for Management and Reduction of C&D Waste in Hong Kong was awarded to PolyU Technology and Consultancy Co. Limited (PolyU). A kick off meeting was held with PolyU on 20 May 2016. The Proposal,

Programme and Action Plans for the Consultancy Project were submitted for endorsement. The framework included to carry out literature review on current local statutory and overseas policies and measures, to conduct interviews and focus group meetings to collect information, to identify a list of potential waste from Bills of Quantities of projects, to observe three private residential projects at different stages of construction to qualitative estimate the characteristics of waste generation, to sort and quantify the collected construction waste, to propose a methodology for non-inert construction waste composition study, to prepare a service specification and to produce project reports.

After deliberations, Members endorsed the Proposal, Programme and Action Plans for the Consultancy Project.

Members took note of the progress of the Task Force on Strategy for Management and Reduction of C&D Waste in Hong Kong and its Consultancy Services.

*(JnL left the meeting at 3:25pm)*

## **2.5 Progress update on the Provision of Consultancy Services for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong**

SYLg briefed Members on the paper CIC/ENV/P/010/16 regarding “Progress update on the Provision of Consultancy Services for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong”.

The Consultancy for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong was awarded to Mercado Solutions Associates Ltd. (MSA). Meetings were held with MSA on 3 March 2016 and 6 May 2016. The Inception Report and Survey Framework were submitted for endorsement.

**2.6 Progress Update by the Consultant Mercado Solutions Associates Ltd. (MSA).**

MSA attended the meeting to give a presentation on the update progress of the Consultancy Services. Members were briefed on the areas of investigation, methodology of the survey, target groups, data collection method, sample size, questionnaire design and project schedule.

Members were also briefed on the qualitative expert interview of the Consultancy Project.

After deliberations, Members endorsed the proposed Inception Report and Survey Framework with addition of some questions related to Beam Plus in the Questionnaire.

Members took note of the progress on the Provision of Consultancy Services for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong.

**[Post Meeting Note:** The Questionnaire has been reviewed and revised. The final version has been sent out by batches to different target groups in late July / early August 2016.]

*(TyLg and DyC left the meeting at 3:10pm)*

**2.7 Progress update of the Research on River Sand Substitutes for Concrete Production and Cement Sand Mortar Production (Phase Two) Final Report follow up**

AaY briefed Members on the paper CIC/ENV/P/011/16 regarding “Progress update of the Research on River Sand Substitutes for Concrete Production and Cement Sand Mortar Production (Phase Two) Final Report follow up”.

After the Phase Two Final Report has formally issued, the CIC

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Secretariat discussed with the CIC Training Centre Managers and confirmed that some trial tests would be conducted in the upcoming months (when the sourcing of supplier has been settled). The trial tests would verify the practicability of the River Sand Substitutes with the laboratory tests results stated in the Phase Two Final Report.

CIC Secretariat also liaised with the DevB and known that DevB would plan to launch some small-scale repair and maintenance projects as pilot scheme for trial run to check its practicability with the laboratory tests results stated in the Phase Two Final Report.

The CIC Secretariat would work closely with the CIC Training Centre Managers and DevB in the upcoming months for the trial run tests and update the progress from time to time.

Members took note of the progress update of the Research on River Sand Substitutes for Concrete Production and Cement Sand Mortar Production (Phase Two) Final Report follow up.

**2.8 Progress update of the Mckinsey Report follow up**

AaY briefed Members on the paper CIC/ENV/P/012/16 regarding “Progress update of the Mckinsey Report follow up”.

In the Com-EIT Meeting No. 001-16 held on 30 March 2016, recommendations from Mckinsey Interim Report ‘Building for a Better Future – Vision 2030’ for the Hong Kong Construction Industry were discussed. It was agreed that the CIC Secretariat would consolidate the recommendations from the Interim Report and circulate to Members for fill in on the feasibility of implementation after the meeting.

CIC Secretariat sent out circulation email on 30 March 2016 to collect views and feedback from Members.

The feedback and timeline for the 7 recommendations from the

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Mckinsey Interim Report were received from Members of Com-ENV and went through in the meeting. Some items (such as Mckinsey Recommendation No. 20 and 44) may be implemented at an earlier timeslot than the recommended time frame but it was agreed to stick to the suggested programme in this stage first.

Members were invited to explore possible study or projects related to response to the recommendations from Mckinsey Interim Report and report in the upcoming Com-ENV meeting.

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Members took note of the progress update of the Mckinsey Report follow up.

**2.9 Update from HKGBC**

The representative from HKGBC gave a verbal update on Green Product Labelling, Green Design Guidelines for Minimisation of C&D Waste and Beam Plus. It was suggested to make a summary list of projects relevant to CIC to be discussed in the next meeting.

BCw

**2.10 Any Other Business**

- (i) The Commission of Inquiry into Excess Lead Found in Drinking Water had published a report (“Commission’s Report”) on 31 May 2016 stating its findings and recommendations on the Incident of lead found in drinking water. The report touched upon aspects of training and workers registration which are of relevance to the operation of the CIC.

With an aim to enhance CIC’s operations and to prevent similar occurrences, CIC has correspondingly conducting an internal review of the training and registration operations, making references to the recommendations made in the Commission’s Report. CIC will also identify areas for improvement and set out proposed follow up actions. The completed draft paper would be circulated to Members of Com-ENV afterwards.



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[**Post Meeting Note:** A paper named “CIC’s Response and Proposed Action to the “Report of the Commission of Inquiry into Excess Lead Found in Drinking Water”” has been circulated to Members of Com-ENV on 25 July 2016 to seek comments.]

- (ii) Members were invited to express views (if any) on the opportunity to reduce vehicular emissions and encourage the take up of low/zero emissions technologies to accelerate the replacement of ageing non-road mobile machinery (NRMM).

**2.11 Tentative Date of Next Meeting**

1 September 2016 (Thursday) at 2:30 pm at Meeting Room 1, 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 4pm.

**CIC Secretariat  
August 2016**