

Construction Industry Council

Committee on Environment

Meeting No. 001/18 of the Committee on Environment for 2018 was held on 31 May 2018 (Thursday) at 3:30 pm at Board Room, Construction Industry Council Headquarters, 38/F COS Centre 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong.

Present:	CHEUNG Tin-cheung	(TnC)	Chairman
	CHAN Ka-lung	(KLCn)	Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC)
	Ivan FU	(FI)	
	Alan HO	(HKH)	The Hong Kong Institute of Surveyors (HKIS)
	Lisa POON	(CsP)	MTR Corporation Ltd. (MTRC)
	Amen TONG	(YKT)	Airport Authority Hong Kong (AAHK)
	WONG Ping	(PWG)	Hong Kong Construction Industry Employees General Union (HKCIEGU)
	Jacky WU	(JW)	Development Bureau (DEVB)
	WU Siu-kei	(WSK)	Hong Kong Construction Materials Association (HKCMA)
In Attendance:	Clarence FUNG	(CF)	Hong Kong Housing Authority (HKHA)
	Henry FUNG	(HF)	Director, Industry Development
	Richard PANG	(RPg)	
	Grace LAM	(GLam)	Manager – Environmental and Sustainability
	Rex CHAN	(RChan)	Assistant Manager – Environmental and Sustainability
	Andy CHOY	(AChoy)	Senior Officer - Environmental and Sustainability
Presenter:	Gaurav AHUJA	(AGa)	Ove Arup & Partners Hong Kong Limited (Arup)

	Josephine WONG	(JoW)	Ove Arup & Partners Hong Kong Limited (Arup)
	YEOW Mee-yoong	(Yme)	Ove Arup & Partners Hong Kong Limited (Arup)
Apologies:	PAN Shu-jie	(PSJ)	
	Eric POON	(PSW)	Urban Renewal Authority
	Stephen YIM	(SnY)	Hong Kong Housing Authority (HKHA)

MINUTES

Action

1.1 Confirmation of the Minutes of the Com-ENV Meeting No. 003/17 held on 14 November 2017

Members took note of and confirmed the Minutes CIC/ENV/R/003/17 of the last Com-ENV meeting held on Tuesday, 14 November 2017.

1.2 Matters Arising from the Previous Meeting

TnC updated Members on the following 4 matters:

Agenda item 3.2a - Twelve previously funded research projects related to Environment and Sustainability

CIC Secretariat had updated the status of these 12 previously funded research projects, such as the progress of the outstanding researches, and a copy of the updated list was tabled for Members' review. Members took note of the updated list.

Agenda item 3.2b - Update of the McKinsey Interim Report follow up

For the research project on the "Better Utilisation of Ultimate Strength Gain of Concrete with Pozzolanic Materials for Sustainable Development of Construction Works in Hong Kong", CIC has liaised with Civil Engineering and Development Department (CEDD) & Buildings Department (BD), the Standing Committee on Concrete Technology in CEDD has drafted a technical note and circulate with

the industry stakeholders about the findings.

CIC Sustainable Construction Award Conference and Presentation Ceremony was scheduled on 26 October 2018.

For the consultancy services on “River Sand Substitutes for Concrete Production and Cement Sand Mortar Production”, DEVB considered to introduce the mandatory use of manufactured sand for production of cement mortar in plastering, rendering and floor screeding works of public works projects.

For the consultancy services on “Improving the Environmental Performance of the Hong Kong Construction Industry” conducted by Pricewaterhouse Coopers Advisory Services HK Ltd. (PwC), its Steering Committee has endorsed the inception report in May 2018.

Agenda item 3.3 - Progress Update of Consultancy Services of Potential Utilisation of Prefabrication Yards in Hong Kong

CIC Secretariat reported that the inception report had been revised by The Ove Arup & Partners Hong Kong Ltd (Arup) according to the Members’ comments. Three stakeholder engagement forums had been held in the first quarter of 2018 to consolidate the views and perspectives from Government departments and key industry stakeholders. The progress update of the consultancy services would be discussed under Agenda item 1.3.

Agenda item 3.11 - The roadmap on using GPS for disposal of construction and demolition waste

Members were briefed that EPD was liaising with DEVB on the implementation details of GPS in pilot public works projects. CIC Secretariat will invite EPD to present the status of pilot projects in due course.

(JW joined the meeting at 4:00 pm and Arup joined the meeting at 4:20pm)

Action

1.3 Progress Update of Consultancy Services on Potential Utilisation of Prefabrication Yards and Prefabricated Components in Hong Kong

Members were briefed about the potential demand, business operation model and benefits of local prefabrication yard by Arup.

Members raised concerns on site selection and financial viability of developing prefabrication yard in Hong Kong. Members recommended that the feasibility report should take in consideration of social benefits, demand of prefabricated components and capability to manage a long term business in Hong Kong. JW suggested that the report should be specified clearly that the study was mainly focused on the business of reinforced concrete prefabrication and the proposed site location was mainly for illustration purpose only. CF suggested that the existing figures of using prefabrication component in public housing projects should be adjusted with consideration of HKHA general practices.

CIC Secretariat will follow up with Arup on the above recommendations and circulate the revised Feasibility Report to Members.

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(HF left the meeting at 4:40pm and Arup left the meeting at 5:00pm)

[Post Meeting Note: The final feasibility report was attached in Annex A for Members' endorsement.]

1.4 Consultancy Services on Development and Implementation of CIC Carbon Assessment Tool

GLam reported the objectives, target group, scope and working group of the consultancy services.

Members suggested that the adoption of localised data of construction materials and provision of sufficient training during pilot and implementation stages would be the key concerns.

Action

A working group will be established to oversee the progress of the consultancy services closely. FI is appointed to be the chairperson of this working group. CIC Secretariat will liaise with FI to develop the composition and functions of the work group accordingly.

Members endorsed the assignment brief and CIC Secretariat will include the above recommendations and issue the tender.

1.5 Consultancy Services on Guidebook on Sustainable Construction for Superstructure

RChan reported the objectives, target group, scope and key deliverables of the proposed consultancy services.

Members suggested that the consultant should conduct literature review of worldwide sustainable construction case studies and showcase the international best practices in the guidebook.

Members endorsed the commissioning of the consultancy services. CIC Secretariat will address Members' recommendations in the tender assignment brief.

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1.6 Detailed Business Plan and Annual Budget for 2019

Members were briefed the major tasks and initiatives of the Detailed Business Plan and Annual budget for 2019.

Members of Com-ENV endorsed the Detailed Business Plan and Annual Budget for 2019.

1.7 3-year Strategic Plan

RChan reported the four focus areas of the 3-year Strategic Plan, it includes (1) Promotion and publicity, (2) Industry collaboration and benchmarking, (3) Education and development, (4) Research and development and further implementation.

Action

YKT suggested that technology application should be included as one of the major criteria for the research projects.

Members took note of the main theme of “sustainable construction” and after discussion, members endorsed the 3-year Strategic Plan.

1.8 Any Other Business

As requested by Members, CIC Secretariat will invite HKGBC to present the latest status of its projects in the Com-ENV meeting once appropriate.

1.9 Next Meeting

11 September 2018 (Tuesday) at 2:30pm at Board Room, Construction Industry Council Headquarters, 38/F COS Centre 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong

All
to note

There being no further business, the meeting was adjourned at 5:30pm.

CIC Secretariat

May 2018