

Construction Industry Council

Committee on Environment

Meeting No. 002/17 of the Committee on Environment (Com-ENV) for 2017 was held on 23 May 2017 (Tuesday) at 2:30pm at Construction Industry Council ZCB Multi-Purpose Hall, 8 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong

Summary Notes of the Com-ENV Meeting No. 002/17

Agenda Item	Paper	Major Resolutions/ Progress Highlights
2.1	CIC/ENV/R/001/17 (for discussion)	Confirmation of the Progress Report of the Previous Meeting Members took note of and confirmed the Progress Report of the previous meeting held on 7 March 2017.
2.2	CIC/ENV/R/001/17 (for discussion)	Matters Arising from the Previous Meeting Item 1.2a – Regarding the status update of the research project “Better Utilisation of Ultimate Strength Gain of Concrete with Pozzolanic Materials for Sustainable Development of Construction Works in Hong Kong”, Hong Kong Concrete Institute (HKCI) submitted a site verification plan to the Standing Committee of Concrete Technology (SCCT) under the Development Bureau on 6 March 2017. After deliberation, SCCT suggested HKCI to approach a contractor and propose to carry out a pilot test on a government project to justify the research findings. At the same time, SCCT will issue a guidance note for project engineers to assess the proposal of using the strength gain of concrete with pozzolanic materials. Item 1.2b – Regarding the research project “Feasibility of Delivering High-rise Low Carbon Buildings in Hong Kong”, CIC Secretariat circulated the draft summary report to Members of Com-ENV for comments on 10 March 2017. After much deliberation of the concerns of Members as to the practical application of the report, Members opined that whilst the report represents a sound

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		<p>academic study from a research prospective there are many questions as to its practical application. Members requested that the Taskforce on Research be asked to consider how such academic reports, funded by CIC, are published, possibly by including a caveat when publishing the report stating that “CIC has funded this research but has concerns about the practicality of the research findings. Readers should seek appropriate independent advice from their professional advisers where possible and readers should not treat or rely on this publication as a substitute for such professional advice for taking any relevant actions”.</p> <p>Item 1.2c – Regarding the 12 previously funded research projects related to Environment and Sustainability, CIC Secretariat had updated the status of the 12 previously funded projects. Members of Com-ENV took note of the updated list accordingly.</p> <p>Item 1.4 – Regarding the Progress Update of Task Force on Strategy and Reduction of Construction & Demolition Waste in Hong Kong (TF-MRW) and its Consultancy Services, details were reported under Agenda item 2.4.</p> <p>Item 1.5 – Regarding the BEAM-Plus NB v2.0 revamp, CIC Secretariat circulated the first draft BEAM-Plus NB v2.0 to Com-ENV and the extracted copy to TF-MRW for comments on 16 March 2017 and 21 March 2017 respectively. Details were reported under Agenda item 2.7.</p> <p>Item 1.6 – Regarding the update of the McKinsey Interim Report follow up, CIC Secretariat had updated and briefed Members of Com-ENV the status of the McKinsey Interim Report follow up. Members took note of the status update.</p> <p>Item 1.7 – Regarding the “Survey on the Potential Utilisation of Prefabrication Yards in Hong Kong – Survey Report”, details were reported under Agenda item 2.3.</p>

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2.3	CIC/ENV/P/006/17 (for discussion)	<p>Progress Update of Potential Utilisation of Prefabrication Yards in Hong Kong</p> <p>Members of Com-ENV were informed that CIC Council Members had approved the final version “Survey on the Potential Utilisation of Prefabrication Yards in Hong Kong – Survey Report” at the CIC Council Meeting No. 002/17 held on 28 April 2017 and would like CIC Secretariat to come up with a brief report in a readable manner or fact sheet for better dissemination of the survey findings on the CIC website.</p> <p>The assignment brief of the follow-up feasibility study was discussed and Members of Com-ENV were informed to declare any potential conflict of interest before the discussion. After deliberation, Members of Com-ENV endorsed commissioning the “Consultancy Services on the Potential Utilisation of Prefabrication Yards and Prefabricated Components in Hong Kong” with the addition of studying the commercial viability of setting up prefabrication yards in Hong Kong and some minor amendments in the scope. Members also agreed that the technical proposal weightage should be higher than the fee proposal, i.e. 70% and 30% respectively.</p> <p>CIC Secretariat would amend the Assignment Brief accordingly and issue the tender soon.</p>
2.4	CIC/ENV/P/007/17 (for discussion)	<p>Progress update of the Task Force on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong (TF-MRW) and its Consultancy Services</p> <p>Members of Com-ENV were informed that the final version of the Consultancy Report was submitted to Council for approval at its Meeting No. 002/17 on 28 April 2017. CIC Council Members raised a few concerns regarding the recommendations proposed in the Consultancy Report. After much deliberation, Council Members approved the Consultancy Report in principle</p>

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		<p>and asked the Executive Director (ED) of CIC to explain the views and concerns of Council Members and to see if a consensus could be reached.</p> <p>Members of Com-ENV discussed the concerns raised by Council Members and agreed to amend the recommendations in the report accordingly to address the views of Council Members. The Consultancy Report would be published after the amendments have been done.</p>
2.5	CIC/ENV/P/008/17 (for discussion)	<p>CIC Breakfast Roundtable Meeting</p> <p>Members of the Com-ENV were briefed about the CIC Breakfast Roundtable Meeting which was held on 26 April 2017. The objectives of the CIC Breakfast Roundtable Meeting were to consult more views from the industry stakeholders on the future direction of Com-ENV and to let these stakeholders know more on what Com-ENV has been doing.</p> <p>The summary of the discussion and suggestions for CIC’s consideration to take a lead role was discussed. CIC Secretariat would categorise the suggestions and propose ways to proceed further. CIC Secretariat would also incorporate some of the suggestions into the McKinsey Interim Report follow up.</p>
2.6	(Powerpoint Presentation)	<p>Development of Precast BFRP Gird-Reinforced Geopolymer Sandwich Wall Panels for Green Building Construction</p> <p>The Hong Kong Polytechnic University (PolyU) presented the captioned research project. The research project commenced from January 2015 and is targeted for completion in December 2017. PolyU presented the project background, project innovations, project objectives, achievements up to now, and future work.</p> <p>Members of Com-ENV encouraged PolyU to touch base with Buildings Department to ensure that</p>

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		<p>the research findings meet the local statutory requirements.</p> <p>[Post Meeting Note: the powerpoint presentation slides were emailed to Director of Buildings Department on 25 May 2017. Buildings Department then shared a Practice Note on the Testing of Building Materials for PolyU to take note, especially the requirements for a recognised laboratory to carry out fire testing, on 29 May 2017]</p>
2.7	(Powerpoint Presentation)	<p>Update from HKGBC</p> <p>Hong Kong Green Building Council (HKGBC) updated Members of Com-ENV the status of the BEAM-Plus NB v2.0 revamp. More than 900 comments were recorded from the second eSurvey conducted.</p> <p>HKGBC also briefed Members of Com-ENV the status update of “ACT-Shop”.</p> <p>Members of Com-ENV took note of the progress updates from HKGBC.</p>
2.8		<p>Any Other Business</p> <p>Members of Com-ENV were informed that the CIC Sustainable Construction Awards has been postponed to the first / second quarter of 2018 as there will be the CIC Construction Innovation Awards 2017 and the World Sustainable Built Environment Conference 2017 in year 2017.</p> <p>Members of Com-ENV took note of the Research Journal on Innovation Construction (iCON) prepared for them.</p>

Remarks: The mentioned papers discussed at the Committee on Environment and the full progress report can be made available to Council Members from the CIC Secretariat upon request.