

**Construction Industry Council**

**Committee on Environment, Innovation and Technology**

Meeting No. 004/14 of the Committee on Environment, Innovation and Technology for 2014 was held on 30 October 2014 (Thursday) at 2:30pm at Meeting Room 1, CIC Headquarters, 15/F Allied Kajima Building, 138 Gloucester Road, Wan Chai, Hong Kong.

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Summary Notes of the Committee on Environment, Innovation and Technology Meeting No. 004/14.

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
4.1	-	<b>Matters Arising from Last Meeting: New Proposal on Overall Strategy for Management and Reduction of Construction Waste in Hong Kong</b> This new project was necessary because HKGBC's reports on this subject were not sufficient to provide any overall strategy to solve the construction waste issue. DevB was requested to obtain C&D waste composition data from the government department and CIC Secretariat to draft a proposal for discussion in the next meeting.
4.2	CIC/EIT/P/019/14 (for information)	<b>Product Certification of Steel Reinforcing Bars for Use in Construction Works in Hong Kong – Feasibility Study</b> Review of the Study showed the proposal was feasible to adopt in Hong Kong. CEDD had started engaging possible scheme owners with DevB and expected it to be completed in early next year.
4.3	CIC/EIT/P/020/14 to CIC/EIT/P/022/14 (for information)	<b>Task Force on River Sand Substitutes Research</b> All key testing had been completed. A revised “Recommended Specifications for Aggregates for Mortar” would be submitted to Task Force members for discussion within 2 months.
4.4	CIC/EIT/P/023/14 (for endorsement)	<b>Tender for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong (Survey Study)</b> Members endorsed the Assignment Brief. The key objectives of the survey are as follows: - To identify if the construction industry is willing to adopt prefabrication method;

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		<ul style="list-style-type: none"> <li>- To identify if local prefabrication yard can improve the acute manpower situation and ease the high labour cost by providing a better working environment.</li> </ul>
4.5	CIC/EIT/P/024/14 (for information)	<p><b>Task Force on Schematic Design for Application of RFID, GPS and Sensor Technology in Monitoring the Movement of Construction Waste</b></p> <p>Component of the proposed solution had been agreed to confine to RFID device only and the proposed scope and requirement of the use of the solution in phase one had also been endorsed.</p>
4.6	CIC/EIT/P/025/14 (for information)	<p><b>Preparation of BIM Standards to Facilitate the Submission of General Building Plan (GBP) to Statutory Authorities (Phase One)</b></p> <p>In order to solicit the adoption of BIM in the industry, preparation of BIM standards to facilitate the submission of GBP to statutory authorities was recommended. The Phase One scope would cover the checking of Gross Floor Area, Usable Floor Area, and Fire Resisting Construction for Buildings Department. The purpose of it was not to replace Building Department's existing practice but to provide the industry a quick third party method in quality checking of drawings via BIM technology before submission to Buildings Department to reduce time in manual checking or rejection by Buildings Department if any. Buildings Department was optional to consider using this quick method to have first screening before details checking by manual. The draft Assignment Brief would be provided in next Com-EIT meeting.</p>
4.7	CIC/EIT/P/026/14 and CIC/EIT/P/027/14 (for information)	<p><b>Draft Hong Kong BIM Standards</b></p> <p>Four volumes of the draft BIM Standards had been commented by the Task Group members. Further views would be collected from the industry through a series of stakeholders' forums tentatively by 2014. All latest copies of the draft BIM Standards were available on CIC's website for public access.</p>
4.8	CIC/EIT/P/028/14 (for information)	<p><b>Updated Events Plan of BIM Year 2014</b></p> <p>BIM Year Plan has been updated. The recent key events and results are:</p> <ul style="list-style-type: none"> <li>- In APEC 2014, CIC together with China and Taiwan are planning to form a Greater China BIM Alliance aiming to enhance BIM experience sharing in the region.</li> <li>- Three BIM implementation strategy reports for clients from government, public and private</li> </ul>

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		would be produced by end 2014 based on the views collected in Project Clients Summit held in Sept 2014. - The nomination of CIC's BIM Excellence Award opens now and the deadline would be 18 Dec 2014. The details of the Award could be downloaded in CIC's website.
4.9	CIC/EIT/P/029/14 (for endorsement)	<b>Work Plan for Year 2015</b> The key work items in 2015 are as follows: - To complete BIM Standards (phase 1) and carry out BIM initiatives; - To carry out pilot testing of RFID in construction waste monitoring; - To implement research results of river sand substitutes (phase 2); - To conduct survey on the potential utilisation of prefabrication yard.
4.10	-	<b>Any Other Business: Innovation Awards</b> Members had no comments on the addition of international prize of HK\$300,000 (no change on overall budget) for exchanging innovation ideas with worldwide participants.

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