

**Construction Industry Council**

**Committee on Environment and Technology**

Meeting No. 005/11 of the Committee on Environment and Technology for 2011 was held on 10 November 2011 (Monday) at 2:30 pm at 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong.

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Summary notes of the Committee on Environment and Technology (Com-ENT) Meeting No.005/11:

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
5.1	CIC/ENT/R/004/11	Confirmation of the Progress Report – Members of the Com-ENT confirmed the Progress Report CIC/ENT/R/004/11 of the meeting held on 5 September 2011.
5.2	---	Matters Arising from the Previous Meeting:  (i) Four Working Group meetings on Strategic Implementation of Prefabrication and Modular Construction were scheduled. The finding/ outcome would then be reported to Com-ENT.  (ii) Council Members expressed their support to the directives set forth in Com-ENT Meeting No. 004/11 for the Research on Adhesion Technology for External Wall Tiles.  (iii) The Research on River Sand Substitutes was commenced on 1 <sup>st</sup> November 2011. The Inception Report would be submitted in early December 2011 to the Task Force.

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
5.3	CIC/ENT/P/030/11 CIC/ENT/P/031/11 CIC/ENT/P/037/11	<p>In the Research on Establishing a Hong Kong Based Carbon Labelling Framework for Construction Materials, six selected materials for carbon auditing frameworks at this stage were: cement, reinforcing bar, structural steel, glass, aluminium, ceramic tile.</p> <p>Due to researcher's change of personnel, the researcher would need an extension of time for 2 months.</p>
5.4	CIC/ENT/P/038/11	<p>The KPIs for Construction Industry would be rolled out in 3 stages according to the KPI Launching Plan which tied in with the availability of existing data and data collection programme.</p> <p>Members had no comments on the proposed refinements of KPIs in view of data availability, data breakdown, alignment to data source.</p> <p>Members suggested that Executive Summary should be placed at the front of the report, footnote regarding the kick off date of Minimum Wages should be given to construction industry salary data and the report should present the most updated data.</p> <p>CIC Secretariat stated that the data update would depend on the data availability; therefore, the earliest publication date of a report would be in September of the following year leaving out Construction Floor Area which would only be updated in the year after the following year.</p> <p>Members recommended that, before publication of KPIs, independent/ third party quality assurance/ verification was necessary.</p>

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
5.5	CIC/ENT/P/032/11	<p>Members agreed to set up a working group on Building Information Modelling:</p> <ol style="list-style-type: none"><li>1. To recommend implementation strategies and roadmap for adopting BIM in construction industry in Hong Kong;</li><li>2. To consider the limitations of using BIM and framework for the corresponding solutions;</li><li>3. To realise the views of major developers, DevB/Works Departments, MTR and Housing Authority on the use of BIM in their respective projects.</li></ol>
5.6	CIC/ENT/P/033/11	<p>DevB reported that Works Departments had already updated/started updating their own design manuals and practices notes. DevB also stated that they were conducting a consultancy study on the use of Eurocode and would carry out briefing to update relevant consultants of the revision made.</p> <p>Members suggested CIC could act as a centre point to stock-take and disseminate the update on those standards to the industry so as to increase the traceability and transparency.</p>
5.7	CIC/ENT/P/034/11	<p>Due to additional tasks of BIM and Prefabrication and Modular Construction in 2011, Members had no strong view on deferring tasks of Managing Disposal of C&amp;D Materials with GPS and RFID.</p>
5.8	CIC/ENT/P/035/11	<p>Members suggested CIC disseminating short message regarding the overloading of dump trucks to the concerned parties in the way of “alert” which is similar to Com-CSS’s “Safety Alert”. CIC Secretariat will draft the “alert” for Members’ comment.</p>

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
5.9	CIC/ENT/P/036/11	Members took note of the tentative meeting schedule in 2012.
5.10	---	<p>Any Other Business</p> <p>Members expressed concern on the proposed Research Policy with respect to the screening and assessment process, surrender of the right of indemnity, intellectual properties right between CIC and research institute relating to the research initiated by research institute. Accordingly, CIC Secretariat would arrange a separate meeting to discuss the proposed policy in detail with universities.</p>