

**Construction Industry Council**

**Committee on Building Information Modelling**

Meeting No. 002/20 of the Committee on Building Information Modelling (Com-BIM) was held on 3 April 2020 (Friday) at 2:30pm at the Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and by video conferencing.

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Summary Notes of the Com-BIM Meeting No. 002/20:

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
2.1	CIC/BIM/P/004/20 (for information) (Presentation)	<b>Introduction of Com-BIM and its Task Forces</b> Ar Ada FUNG, Chairperson of the Com-BIM, welcomed the Members of the new term of Com-BIM. The composition and Terms of Reference of Com-BIM and its Task Forces were introduced.
2.2	CIC/BIM/M/001/20 (for information)	<b>Confirmation of the Minutes of Com-BIM Meeting No. 001/20</b> Members confirmed the Minutes of the meeting held on 7 January 2020.
2.3	CIC/BIM/M/001/20 (for information)	<b>Matters Arising from the Previous Meeting</b> CIC had collected information on the BIM-related research projects from the academic institutions who had signed Memorandum of Understanding with the CIC (MOU institutions) and uploaded it onto the BIM Portal on 24 January 2020.  BIM Night provides a casual platform to BIM practitioners for networking and knowledge sharing. To enhance the publicity, CIC would invite key industry practitioners to share knowledge on selected

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		<p>topics at BIM Night and promote the events through the CIC BIM Portal, CIC-Certified BIM Managers (CCBMs) and e-invitation to industry stakeholders.</p> <p>The presentation files of the International Conference on BIM held in December 2019 had been made available on the Construction Innovation Expo website. Members could also find them under the BIM Portal.</p> <p><a href="https://www.bim.cic.hk/en/highlights/detail/52">https://www.bim.cic.hk/en/highlights/detail/52</a></p>
2.4	CIC/BIM/P/005/20 (for information)	<p><b>Progress of the Task Force on BIM Standards (Phase 2)</b></p> <p>Prof. Jack CHENG, the Chairperson of the Task Force on BIM Standards (Phase 2), reported that the consultancy service of the “Enhancement of CIC BIM Standards (General)” would commence in May 2020 and last for 6 months. For the “CIC BIM Guide of Digital Mechanical, Electrical and Plumbing (MEP) Drawings for Statutory Plan Submissions”, the consultancy service was targeted to be awarded in June 2020 and the project duration would be 8 months.</p> <p>Ir Daniel CHONG expressed difficulties in selecting MEP software for MEP contractors to use. CIC Secretariat would follow up to organise a BIM Solution Day and a webinar for MEP contractors.</p>
2.5	CIC/BIM/P/006/20 (for information)	<p><b>Progress of the Task Force on BIM Training</b></p> <p>Ir Clement CHUNG, the Chairperson of the Task Force on BIM Training, reported that CIC would conduct an annual survey of BIM education with the MOU institutions in April 2020.</p>

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		<p>Task Force Members had revised the focus of the tasks in 2020. They would continue to organise pilot courses on BIM uses, provide Train-the-Trainer courses with more local context and teaching skills, encourage professional bodies to include BIM training in their accreditation requirements for university courses and hold regular roundtable meetings with MOU institutions for experience sharing.</p> <p>Task Force Members had given feedback on course outlines of “Building Information Modelling – Drawing Generation – Revit” to the School of Professional Development in Construction (SPDC) of the Hong Kong Institute of Construction (HKIC).</p>
2.6	CIC/BIM/P/007/20 (for information)	<p><b>Progress of the Task Force on BIM Specifications and Agreement</b></p> <p>Ar Ada FUNG, Chairperson of the Com-BIM, who is the Co-Chairperson of the Task Force on BIM Specifications and Agreement, reported that a briefing session on the BIM Contract Conditions by the Hong Kong Institute of Surveyors (HKIS) was held on 3 January 2020. Comments on the framework of the BIM specifications were agreed by Task Group 1 on 6 March 2020. Task Group 2 would further meet with HKIS to discuss the development of Special Conditions of Contract for BIM in April 2020. Task Group 3 would proceed with the drafting of BIM Services Agreement with reference to the survey results on BIM services agreement obtained in early March 2020.</p>
2.7	(for information) (Presentation)	<p><b>Progress Report on the BIM Certification and Accreditation Scheme</b></p> <p>Ir Dr. George WONG, Manager-BIM, reported that there were 243 CCBMs and 870 applications were received as of 13 March 2020. The number of approved CCBMs for each organisation type was analysed and presented to members. Due to the outbreak of COVID-19, it might take a longer time to process the applications. A notification on this had been posted on the BIM Portal.</p>

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		<p>The Schemes on Certification of BIM Coordinators and Accreditation of BIM Coordinator Courses were soft launched on 31 March 2020. Webinars would be held on 15 April, 13 May and 17 June 2020 to promote the Schemes.</p>
2.8	CIC/BIM/P/008/20 (for information) (Presentation)	<p><b>Progress of Consultancy Services on the “3D and BIM Data Use Case Requirements of the Construction Industry for the Development of Digital Hong Kong to the HKSAR Government for Construction Industry Council”</b></p> <p>Mr. Ron Ng, Manager-BIM, reported on the progress of the consultancy services on the 3D and BIM data use case requirements of the construction industry for the development of Digital Hong Kong to the HKSAR Government for Construction Industry Council. Mr. Cliff CHOW, a representative from AECOM Asia Company Limited, gave a presentation on the scope, approach and progress of the consultancy services. Members were encouraged to complete the questionnaire on time and participate in the interviews.</p>
2.9	(for information) (Presentation)	<p><b>Progress Report on BIM by CIC</b></p> <p>Mr. Alex HO, Senior Manager-BIM, briefed Members on the progress report on BIM prepared by CIC and highlighted as follows: -</p> <p>(a) Key tasks related to BIM in the 2020 Major Work Plans include overseeing BIM research projects, publishing BIM objects, developing reference for BIM Specifications, Agreement and Standards, establishing “Certification and Accreditation Schemes for BIM Coordinators and Coordinator Courses”, and organising BIM Awards and Competition.</p>

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		<p>(b) Due to the outbreak of COVID-19, the CIC BIM Space was closed from 3 February to 1 March 2020, then closed again from 22 March 2020. Over 400 visitors attended the activities at CIC BIM Space from January to March 2020.</p> <p>(c) BIM webinars would be held from April to June 2020. Members were encouraged to promote BIM webinars to their organisations/ institutions.</p> <p>(d) A total of 43 teams had registered to enter the CIC BIM Competition 2020 (Tertiary Student Category) after the registration deadline on 1 March 2020. Nine sessions of hands-on BIM software training through webinars were conducted in March 2020 and attracted over 320 participants.</p> <p>(e) Small scale BIM Awards to recognise those who had made contribution to the development of BIM would be held in 2020 to keep the momentum in BIM promotion and adoption, while the high level “Digitalisation Award” (including BIM) would be held in 2021.</p> <p>(f) Around 1,000 BIM objects from Works Departments had been uploaded to the CIC BIM Portal as of 31 March 2020.</p> <p>(g) “BIM Adoption Survey 2019” was completed and the report was published on the BIM Portal on 18 March 2020 for public viewing.</p> <p>(h) CIC had invited about 90 representatives from relevant industry stakeholders to join the CIC-BIM Network and 42 replies were received as of 2 April 2020.</p>

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		After presentation, Ir Daniel CHONG suggested CIC to encourage manufacturers to provide standardised BIM objects for use by industry stakeholders. CIC Secretariat would follow up to organise a webinar to promote the publication of the CIC Production of BIM Object Guide - General Requirements (August 2019) and to encourage manufacturers to adopt it.
2.10	CIC/BIM/P/009/20 (for information)	<b>Tentative Meeting Schedule for Year 2020</b> Members took note of the tentative meeting schedule for Year 2020.
2.11		<b>AOB</b> a) <u>Difficulties in BIM adoption by MEP contractors from the Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC)</u> CIC Secretariat received a letter from Ir Daniel CHONG by email on 3 April 2020. It mentioned the difficulties in BIM adoption by MEP contractors from HKFEMC and their expectations. CIC Secretariat would follow up with HKFEMC, and work with the SPDC of the HKIC to explore online BIM training for their members.  b) <u>Construction Digitalisation</u> Mr Alex HO, Senior Manager-BIM, gave a brief presentation on the tentative plan for the CIC core initiative on Construction Digitalisation for Members' information/ feedback.

*Remarks: The mentioned papers discussed at the meeting of Com-BIM and/or the full Minutes can be made available to Council Members from the CIC Secretariat upon request.*