

Construction Industry Council

Committee on Building Information Modelling

Meeting No. 004/21 of the Committee on Building Information Modelling (Com-BIM) was held on Tuesday, 14 December 2021 at 2:30pm at the Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong.

Summary Notes of the Com-BIM Meeting No. 004/21:

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		Ar. Ada FUNG welcomed Mr. K. K. CHAN, CIC Chairman to attend the meeting.
4.1	CIC/BIM/M/003/21	Confirmation of Minutes of the Previous Meeting Members confirmed the Minutes of the meeting held on 30 September 2021.
4.2	CIC/BIM/M/003/21	Matters Arising from the Previous Meeting Members received the progress report on matters arising from the previous meeting, circulated on 7 December 2021 and highlighted as follows, with no further comments: Item 3.3 on the “BIM-Automation of Gross Floor Area (GFA) Calculation, Fire Safety and Prescribed Checking for General Building Plans (GBP) Preparation” Research Project – the CIC Secretariat promoted the research deliverables (the “tool”) to the Real Estate Developers Association of Hong Kong (REDA) through meeting on 8 October 2021, and promoted the tool to the Hong Kong Institute of Surveyors (HKIS) and Hong Kong Institute of Architects (HKIA) through webinars on 18 November and 25 November 2021 respectively. A webinar for launching of the tool would be held on 22 December 2021. The

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		<p>tool has been included in the CITF pre-approved list of BIM software.</p> <p>Item 3.4 on the CIC BIM Guide for Using BIM in Generation of Mechanical, Electrical and Plumbing (MEP) Digital Drawings for Statutory Submissions – the CIC Secretariat invited the Hong Kong Federation of Electrical and Mechanical Contractors Limited (HKFEMC) to attend briefing sessions on 29 November, 1 December and 6 December 2021. Online training materials would be developed from the content of the training workshops for practitioners to learn anytime anywhere.</p> <p>Item 3.11 on exploring the inclusion of BIM as contractual documents under Development Bureau (DEVB)’s contracts - DEVB was reviewing the relevant conditions of contract and conditions of tender for public works, aiming at binding the adoption of BIM models contractually. After incorporating the comments from works departments, DEVB would arrange legal vetting of the revised contract documents before consulting construction industry stakeholders around mid-2022. A number of pilot projects would be arranged for trial afterwards.</p>
4.3	CIC/BIM/P/027/21 (for approval)	<p>Applications for the CIC R&D Fund</p> <p>The CIC received 11 research proposals related to BIM in 2020-2021. It was a new policy that all these research proposals should be cleared by the end of each year. Based on the three key criteria (value of research, cost-effectiveness and research implementation) as stipulated in the CIC Research Policy, two research projects were approved in the past and no research proposal was recommended by the CIC Secretariat in this paper upon initial assessment. Members approved the initial assessment of the research proposals received.</p> <p>[Post-meeting note: The revised research agenda for the next round of applications was finalised on 13 January 2022.]</p>

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4.4	CIC/BIM/P/028/21 (for approval)	<p>Signing a Memorandum of Understanding with Two Higher Education Institutions to Introduce Knowledge of Building Information Modelling (BIM) and Construction Digitalisation into Higher Education</p> <p>Members approved the signing of the Memorandum of Understanding with the Hong Kong Metropolitan University (HKMU) and the School of Professional and Continuing Education under the University of Hong Kong (HKU SPACE), for collaboration on the development of BIM and construction digitalisation courses in their construction-related programmes.</p>
4.5	CIC/BIM/P/029/21 (for approval)	<p>Issuance of CIC BIM Standards Publications</p> <p>Prof. Jack CHENG, Chairperson of the Task Force on BIM Standards, reported that the final draft version of the BIM deliverables of the consultancy on “Development & Formulation of BIM Guide for Using BIM in Generation of MEP Digital Drawings for Statutory Submissions” (Paper CIC/BIM/P/026/21) was approved in principle by the Com-BIM through circulation on 23 November 2021. He also presented the framework/ hierarchy of the CIC BIM publications for Members’ information.</p> <p>After deliberations, Members approved in principle the issuance of the following CIC BIM Standards publications:</p> <ul style="list-style-type: none">(a) CIC BIM for Asset Management & Facility Management Case Sharing (2021);(b) CIC BIM Dictionary (2021);(c) CIC BIM Standards for Underground Utilities (Version 2 – 2021);(d) CIC BIM Standards for Mechanical, Electrical and Plumbing (Version 2–2021);(e) CIC BIM Standards for Architecture and Structural Engineering (Version 2.1 – 2021); <p>and</p> <ul style="list-style-type: none">(f) CIC Production of BIM Objects Guide – General Requirements (Version 2–2021).

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		The publications can be downloaded in the CIC BIM Portal: https://www.bim.cic.hk/en/resources/publications .
4.6	CIC/BIM/P/030/21 (for information)	Update on Progress Reports Members took note of the progress report on the BIM Certification and Accreditation Schemes, progress updates of the Construction Digitalisation Department (including key events/ projects in the coming months), and status summary on all the ongoing consultancies and research projects under the Com-BIM.
4.7	CIC/BIM/P/031/21 (for information)	Progress of the Task Force on BIM Standards Members took note of the progress of the Task Force on BIM Standards.
4.8	CIC/BIM/P/032/21 (for information)	Progress of the Task Force on BIM Training Members took note of the progress of the Task Force on BIM Training. Ar. Ada FUNG suggested the CIC Secretariat to keep track of the number of BIM viewers trained by CIC-Certified BIM Managers (CCBMs) and CIC-Certified BIM Coordinators (CCBCs) who have completed the Train-the-Trainer courses. Mr. Thomas CHAN reminded the CIC Secretariat to establish register of BIM personnel for monitoring the demand and supply in CCBCs, CCBMs, BIM modellers and BIM viewers. Ar. Ada FUNG suggested to keep track of the training seats provided by the training service providers as well.
4.9	*CIC/BIM/P/033/21* (for information)	★Progress of the Task Force on BIM Specifications and Agreement Members took note of the progress of the Task Force on BIM Specifications and Agreement (TF-BSA) without further comments.

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		[Post-meeting note: Dissolution of the TF-BSA was approved by the Com-BIM through circulation on 24 January 2022 as the tasks have been completed (Paper CIC/BIM/P/002/22).]
4.10	CIC/BIM/P/034/21 (for information)	Progress of the Task Force on BIM Submissions to the Buildings Department Members took note of the progress of the Task Force on BIM Submissions to the Buildings Department.
4.11		<p>Any Other Business</p> <p>(a) <u>Construction Digitalisation Roadmap (CDR)</u> A lunch meeting with Com-BIM Members on exploring the way forward for the CDR was held on 14 December 2021 before the Com-BIM Meeting. Ar. Ada FUNG suggested the CIC Secretariat to arrange separate meetings to discuss the details of CDR.</p> <p>(b) <u>Construction Innovation and Technology Fund (CITF)</u> Mr. Alex HO, Assistant Director-Industry Development, reported that the briefing session on CITF enhancement measures would be held on 23 December 2021. All Members are invited to join.</p> <p>(c) <u>Retirement of the CIC Chairman</u> Mr. K. K. CHAN stated that his term of office of the CIC Chairman would be completed in late January 2022. He expressed gratitude to Members for their continuous support and contributions on Com-BIM.</p>

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		Ar. Ada FUNG expressed her gratitude to the support and guidance from Mr. K. K. CHAN in the past. She also expressed her appreciation to the contribution from Mr. Ivan FU as his term of office would be up to late January 2022.

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