

Construction Industry Council

Committee on Building Information Modelling

Meeting No. 001/23 of the Committee on Building Information Modelling (Com-BIM) was held on Tuesday, 28 March 2023 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. 001/23:

Agenda Item	Paper	Major Resolutions/ Progress Highlights
1.1	CIC/BIM/M/004/22	Confirmation of Minutes of the Previous Meeting Members confirmed the Minutes of the meeting held on 6 December 2022.
1.2	CIC/BIM/M/004/22	Matters Arising from the Previous Meeting Members received the progress report on matters arising from the previous meeting, circulated on 21 March 2023 with no further comments: Item 4.6 on the Progress of the Task Force on BIM Standards (TF-BS) – (a) The TF-BS would discuss and consider to develop simple reference guides/ beginner’s guides to raise the awareness of cybersecurity in the industry. (b) The TF-BS would further discuss on the issue of misunderstanding of the definition of Common Data Environment (CDE) in the industry. The CIC Secretariat's initial understanding is that there are two levels of CDE, the first one is CDE for information management using BIM with reference to the international standard "ISO 19650", the second one is an integrated CDE platform for facilitating overall project supervision and management.

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		<p>Item 4.10 on the updates on making BIM model contractually binding in capital works projects – Ms. Sandy FONG reported that the Development Bureau (DEVB) invited the Works Departments in the third quarter of 2022 to select some pilot projects for trial run of including BIM model as part of the tender information. The DEVB would perform a holistic review in 2024 and consider if making BIM model contractually binding in capital works projects in stages would be feasible. The CIC Secretariat had been closely liaised with the DEVB to facilitate the progress by sharing latest information in the industry.</p>
1.3	CIC/BIM/P/002/23 (for approval)	<p>Applications for the CIC Research and Technology Development Fund</p> <p>Members approved the following two research proposal applications with reference to the revised research proposals which fulfilled the condition(s) set in the previous meeting:</p> <ul style="list-style-type: none"> (a) Automated BIM-based Clash-free Rebar Design for Reinforced Concrete Components with Extended Types and Irregular Shapes (b) Automatic Generation of Bill of Quantities from BIM Drainage Network in accordance with Standard Method Measurement for Civil Engineering Works <p>Having regard to the nature of the research project, Members disapproved the following research proposal application submitted via the KPI Improvement Project Scheme (KPIS):</p> <ul style="list-style-type: none"> (a) Assessing KPI for BIM: The Development of New Auditing Platform for CDE <p>The applicant was recommended to submit the research project via the Collaborative Project Scheme (CPS).</p>

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1.4	CIC/BIM/P/003/23 (for information)	<p>Progress Reports on the Committee on Building Information Modelling</p> <p>Members took note of the progress report on 2023 KPI, 2023 actual expenditure vs budget and proposed key initiatives for 2023 budget.</p> <p>Upon deliberation, Members agreed to review the 2023 KPI No. 3 “Approve 200 CCBMs and 1,000 CCBCs” to align with the “White Paper on BIM Personnel Development in Hong Kong” (White Paper). The Secretariat would submit a paper for approval at the next meeting.</p> <p>Members noted that The Hong Kong Institute of Building Information Modelling (HKIBIM) would organise the BIM Automation Arena on 31 March 2023. The Task Force on Development of BIM-related Digital Solutions (TF-DBDS) would discuss with HKIBIM after the event and explore the feasibility to transform those good submissions into digital solutions.</p> <p>Mr. Alex HO supplemented that a Hackathon would be co-organised with MIT Hong Kong Innovation Node and Hong Kong Productivity Council in May 2023 with “Construction Safety” as the main theme. Details of the event would be shared with Members.</p>
1.5	CIC/BIM/P/004/23 (for approval)	<p>New Membership and Updated Terms of Reference for Task Force on BIM Standards, Task Force on BIM Submissions to the Buildings Department, Task Force on BIM Training and Task Force on BIM Personnel Development</p> <p>Members approved the new membership and the updated Terms of Reference for TF-BS, Task Force on BIM Submissions to the Buildings Department (TF-BSBD), Task Force on BIM Training (TF-BT) and Task Force on BIM Personnel Development (TF-BPD).</p>

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1.6	CIC/BIM/P/005/23 (for information)	<p>Progress Updates of the Construction Digitalisation Department (including key events/projects in coming months)</p> <p>Members took note of the progress updates of the Construction Digitalisation Department (including key events/ projects in coming months).</p> <p>Ir Dr. George WONG highlighted that the “CIC Global Construction Sustainability Forum and Exhibition” will be held from 20 to 23 November 2023. Members were encouraged to participate in the Forum and Exhibition.</p>
1.7	CIC/BIM/P/006/23 (for information)	<p>Progress of the Task Force on BIM Training</p> <p>Members took note of the progress of the TF-BT.</p>
1.8	CIC/BIM/P/007/23 (for information)	<p>Progress of the Task Force on BIM Personnel Development</p> <p>Members took note of the progress of the TF-BPD.</p> <p>Members noted that the White Paper was published via a webinar held on 22 March 2023. Details of CIC-Certified BIM Coordinator (Associate) was announced on the same date.</p>
1.9	CIC/BIM/P/008/23 (for information)	<p>Progress Report on the BIM Certification and Accreditation Schemes</p> <p>Members took note of the progress report on the BIM Certification and Accreditation Schemes.</p>
1.10	CIC/BIM/P/009/23 (for information)	<p>Progress of the Task Force on Development of BIM-related Digital Solutions</p> <p>Members took note of the progress of the TF-DBDS.</p>

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		Mr. Alex HO highlighted that the development of digital solutions should preferably be focusing on the openBIM approach and model auditing/ checking. The Secretariat invited Strategic Building Innovation (SBI) to present their research proposal in developing an openBIM quality platform, which matched with the direction by the TF-DBDS. Members raised questions and comments on the proposal. SBI would revise their research proposal with reference to the comments given by Members and submit the application for the CIC Research and Technology Development Fund.
1.11	*CIC/BIM/P/010/23* (for information)	<p>★Progress of the Task Force on BIM Standards Members took note of the progress of the TF-BS.</p>
1.12	CIC/BIM/P/011/23 (for information)	<p>Progress of the Task Force on BIM Submission to the Buildings Department Members took note of the progress of the TF-BSBD.</p> <p>Ir Dr. George WONG highlighted that the reference materials, namely “CIC Reference Materials on Good Practices in Submissions with BIM to the Buildings Department”, were drafted for comment by the Buildings Department. The reference materials would be submitted to the Com-BIM for approval when ready.</p> <p>Prof. Jack CHENG suggested the Secretariat to share the experience collected from the pilot projects to the industry via webinars.</p>
1.13		<p>Any Other Business No other business was raised in the meeting.</p>

Remarks: The mentioned papers discussed at the Committee on Building Information Modelling and the full meeting minutes can be made available to Council Members from the CIC Secretariat upon request.

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