

Construction Industry Council

Committee on Building Information Modelling

Meeting No. 004/22 of the Committee on Building Information Modelling (Com-BIM) was held on Tuesday, 6 December 2022 at 2:30pm at 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. 004/22:

Agenda Item	Paper	Major Resolutions/ Progress Highlights
4.1	CIC/BIM/M/003/22	Confirmation of Minutes of the Previous Meeting Members confirmed the Minutes of the meeting held on 27 September 2022.
4.2	CIC/BIM/M/003/22	Matters Arising from the Previous Meeting Members received the progress report on matters arising from the previous meeting, circulated on 29 November 2022 with no further comments: Item 3.3 on the Applications for the CIC R&D Fund - the CIC Secretariat would submit a paper on the latest progress of the following research proposal applications for approval by Com-BIM by circulation: (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; and (c) Assessing KPI for BIM: The Development of New Auditing Platform for CDE. Item 3.4 on the Assignment Brief and Project Plan for Provision of Supply and Installation

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>of LED Immersive Cave Automatic Virtual Environment (CAVE) for the CIC – the CIC would discuss internally the feasibility and mechanism to allow industry stakeholders to use the LED CAVE. At the same time, the CIC was checking with the Development Bureau (DEVB), public clients, contractors and private developers, such as the Urban Renewal Authority (URA) and the Airport Authority Hong Kong (AAHK), to collect BIM models. The scope of software of the LED CAVE in the assignment brief would be enhanced.</p> <p>Item 3.5 on the CIC Beginners’ Guide on Construction Digitalisation, the three CIC Beginners’ Guides on Construction Digitalisation were launched on 22 November 2022. They were now published and available for download at the CIC BIM Portal.</p> <p>Item 3.6 on the Summary Notes of a Separate Meeting to Boost the Supply of BIM Personnel, a survey on BIM Education in Higher Education Institutions (HEIs) was conducted in October 2022. The results showed an overall increase in number of BIM training programmes, increased in BIM training hours per programme and increased in graduates with BIM training. All HEIs were encouraged to continue providing more BIM courses and also applying for CIC’s accreditation for the relevant courses.</p> <p>Item 3.9 on the progress of the Task Force on BIM Standards, the name “Development of BIM Harmonisation Guidelines for Digital Hong Kong” as proposed by the Task Force, Assignment Brief and Project Plan were approved in principle by the Com-BIM through circulation on 11 November 2022. The tender of the consultancy services was issued on 18 November 2022. The Consultancy would tentatively commence in December 2022 for a duration of approximately nine months.</p>
4.3	CIC/BIM/P/037/22 (for approval)	Amendment to Terms of Reference and Progress of the Task Force on BIM Personnel

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Development Formation of the Task Force on BIM Personnel Development (TF-BPD) (paper No. CIC/BIM/P/032/22) was approved by the Com-BIM through circulation on 25 October 2022.</p> <p>Ir Dr. George WONG supplemented that the TF-BPD considered to develop “Probation” system under the Certification of BIM Coordinators which could recognise the availability of skilled personnel in the industry and also boost the supply of CIC-Certified BIM Coordinators (CCBC). Details of the new scheme would be discussed among TF-BPD and proposed to BIM Certification and Accreditation Board.</p> <p>Members took note of the progress of the TF-BPD and approved the amendment to the Terms of Reference.</p>
4.4	CIC/BIM/P/038/22 (for information)	<p>Update on Progress Reports Members took note of the progress updates on the BIM Certification and Accreditation Schemes and the key events by the Construction Digitalisation Department in the coming months.</p>
4.5	CIC/BIM/P/039/22 (for information)	<p>Progress of the Task Force on Development of BIM-related Digital Solutions To strengthen the composition of the Task Force on Development of BIM-related Digital Solutions (TF-DBDS), new appointments to the TF-DBDS (paper no. CIC/BIM/P/033/22) was approved by the Com-BIM through circulation on 28 October 2022.</p> <p>Members took note of the progress updates of TF-DBDS. Mr. Alex HO highlighted that the development of digital solutions would focus on data audit and checking of model in compliance with building code, and the development would follow OpenBIM approach to</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		ensure vendor neutral.
4.6	*CIC/BIM/P/040/22* (for information)	<p>★Progress of the Task Force on BIM Standards Members took note of the progress of the Task Force on BIM Standards (TF-BS).</p> <p>The following papers were approved in principle by the Com-BIM by circulation on 21 October 2022, 28 October 2022, 9 November 2022 and 11 November 2022 respectively:</p> <ul style="list-style-type: none"> (a) Issuance of the “CIC Beginner’s Guide on Construction Digitalisation – Smart Site Digital Platform” (paper no. CIC/BIM/P/031/22) (b) Issuance of the “CIC Beginner’s Guide on Construction Digitalisation – Adoption of BIM in Small and Medium Enterprises” (paper no. CIC/BIM/P/034/22) (c) Issuance of the “CIC-ZCP BIM Implementation Plan (BIM IP) Case Sharing” (paper no. CIC/BIM/P/035/22) (d) Consultancy Services for the Development of BIM Harmonisation Guidelines for Digital Hong Kong (paper no. CIC/BIM/P/036/22) <p>Having regard to enhancing general knowledge for industry stakeholders especially SMEs, Ar. Prof. Ada FUNG suggested TF-BS to develop a set of handy reference material with key points to raise the awareness of cybersecurity in the industry.</p> <p>Ar. Prof. Ada FUNG mentioned that there was a misunderstanding of the definition of Common Data Environment (CDE) in the industry. After deliberation, the TF-BS would collect more information and share with the industry.</p>
4.7	*CIC/BIM/P/041/22* (for information)	<p>★Progress of the Task Force on BIM Training Members took note of the progress of the Task Force on BIM Training.</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Members noted that the number of BIM Viewers had already reached the target of 2025 ahead of schedule. Ar. Prof. Ada FUNG observed that the target was low relative to the total number of practitioners in the industry. Efforts would be sustained to boost BIM literacy in the industry.</p> <p>Mr. Daniel CHIU shared that BIM Viewer Training would be incorporated in HKIC full-time short programmes and more basic BIM training would be offered to secondary school teachers and students in 2023.</p>
4.8	*CIC/BIM/P/042/22* (for information)	<p>★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.</p> <p>Members noted that the documentation and corresponding reference materials would tentatively be published in Q1 2023 for reference by the industry.</p>
4.9	*CIC/BIM/P/043/22* (for information)	<p>★Tentative Meeting Schedule for Year 2023 Members took note of the tentative meeting schedule for year 2023.</p>
4.10		<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.