

Construction Industry Council

Committee on Building Information Modelling and Construction Digitalisation

Meeting No. 002/23 of the Committee on Building Information Modelling and Construction Digitalisation (Com-BIM & CD) was held on Tuesday, 27 June 2023 at 2:30pm at Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and through web meeting.

Summary Notes of the Com-BIM & CD Meeting No. 002/23:

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Prof. Jack CHENG, Chairperson of Com-BIM & CD, informed Members that the name of Committee on Building Information Modelling (Com-BIM) was confirmed to be changed to Committee on Building Information Modelling and Construction Digitalisation (Com-BIM & CD) at the Council Meeting No. 003/23 held on 15 June 2023.</p> <p>Prof. Jack CHENG welcomed two new Members, Ir Barry SUM and Ms. Karen CHEUNG, to joining the Com-BIM & CD since April 2023. Ms. Karen CHEUNG was nominated by Mr. Tommy TAM, who resigned from the Com-BIM & CD, as a new representative of the Buildings Department (BD) to join the Com-BIM & CD.</p>
2.1	CIC/BIM/M/001/23	Confirmation of Minutes of the Previous Meeting Members confirmed the Minutes of the meeting held on 28 March 2023.
2.2	CIC/BIM/M/001/23	Matters Arising from the Previous Meeting Members received the progress report on matters arising from the previous meeting, circulated on 20 June 2023 with no further comments:

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		<p>Item 1.4 on the Progress Reports on the Committee on Building Information Modelling – Prof. Jack CHENG suggested the Task Force on Development of BIM-related Digital Solutions (TF-DBDS) to identify the list of the practical and applicable digital solutions from the BIM Automation Arena 2023 organised by the Hong Kong Institute of Building Information Modelling (HKIBIM) and share them with the industry via the Construction Industry Council (CIC). The TF-DBDS would present the progress of follow-up actions in the next Com-BIM & CD meeting.</p>
2.3	CIC/BIM/P/016/23 (for endorsement)	<p>2024 Business Plan</p> <p>Ir Dr. George WONG gave a presentation on the progress of the 2023 business plan and the 2024 business plan with the proposed additional budget for BIM (and CD) Year 2024 and CIC Construction Digitalisation Award 2024.</p> <p>Upon deliberation, Members agreed to revise two of the KPIs/ deliverables under Training and Certification in the 2024 Business Plan as “Approve 60 CCBMs, 300 CCBCs and 300 CCBC(A)s” and “Add two more organisations running an in-house CIC-Accredited (CCBM/ CCBC) course” with reference to the track record.</p> <p>Ms. Sandy FONG informed Members that the Development Bureau (DEVB) had issued instructions to the Works Departments to mandate the engagement of CCBC or CCBC(A) but with at least half of the BIM Coordinators attained the qualification of CCBC in the BIM team for all technical & fee proposals of consultancy agreements or construction works tenders to be invited on or after 1 January 2024.</p> <p>Upon deliberation, Members endorsed the 2024 Business Plan and the proposed additional</p>

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		<p>budget for BIM (and CD) Year 2024 and the CIC Construction Digitalisation Award 2024. Members also agreed with the proposed organising committee of the CIC Construction Digitalisation Award 2024 as follows:</p> <p>Chairperson: Ar. Donald CHOI Members:</p> <ul style="list-style-type: none">• Prof. Jack CHENG, Com-BIM & CD• Ir John KWONG, Development Bureau• Mr. Alex HO, CIC• Dr. Winnie TANG, Smart City Consortium• Mr. Tony WONG, Innovation, Technology and Industry Bureau
2.4	CIC/BIM/P/017/23 (for information)	<p>Progress Reports on the Committee on Building Information Modelling and Construction Digitalisation</p> <p>Members took note of the progress report on 2023 Major KPIs, 2023 actual expenditure vs budget and proposed 2024 Major KPIs.</p> <p>Members further reviewed the 2023 Major KPI No. 3 “Approve 200 CCBMs and 1,000 CCBCs” after the Updating the 2023 Major KPI of Committee on Building Information Modelling based on the White Paper on BIM Personnel Development in Hong Kong (Paper No. CIC/BIM/P/014/23) endorsed by the Com-BIM and CD through circulation on 18 May 2023.</p> <p>Upon deliberation, Members agreed to update the above mentioned KPI to “Approve 60 CCBMs, 200 CCBCs and 200 CCBC(A)s”, which was considered as realistic based on records of previous years. The CIC Secretariat would submit a Paper on updating the KPI</p>

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		<p>for approval in the Council Meeting No. 004/23 to be held on 18 August 2023.</p> <p>With reference to the discussion in agenda item 2.3, Members agreed to revise the proposed 2024 Major KPIs No. 3 and No. 10 as “Approve 60 CCBMs, 300 CCBCs and 300 CCBC(A)s” and “Add two more organisations running an in-house CIC-Accredited (CCBM/ CCBC) course” respectively.</p>
2.5	CIC/BIM/P/018/23 (for information)	<p>Progress Updates of the Construction Digitalisation Department (including key events/ projects in coming months)</p> <p>Signing a Memorandum of Understanding with SenseTime Group Limited (Paper No. CIC/BIM/P/012/23) and Co-organising the “Construction SafetyHACK 2023 – Future of Construction Safety” event with MIT Hong Kong Innovation Node and Hong Kong Productivity Council (Paper No. CIC/BIM/P/015/23) were approved by the Com-BIM & CD through circulation on 21 April 2023 and 29 May 2023 respectively.</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 BIM SPACE would be transformed to the Digital Twin (DT) Hub and its Grand Opening Ceremony would be held on 26 July 2023. Members were also invited to join the ceremony and contribute to the DT Hub by providing digital twin solutions for demonstration if appropriate.</p>
2.6	CIC/BIM/P/019/23 (for information)	<p>Progress of the Task Force on BIM Training</p> <p>Members took note of the progress of the TF-BT.</p>

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		<p>Mr. Kevin WONG updated Members that he was closely liaising with the vendor of Tekla Structures and Hong Kong Bar Bending Contractors Association on the license issues and the requirement on training content. The “BIM in Rebar bending and fabrication using Tekla Structure” course was targeted to be launched in 2023.</p>
2.7	CIC/BIM/P/020/23 (for information)	<p>Progress of the Task Force on BIM Personnel Development Members took note of the progress of the TF-BPD.</p> <p>As advised by Prof. Jack CHENG, the TF-BPD would closely monitor the status and outcomes of the CCBC(A) scheme as the industry might not fully recognise the newly launched CCBC(A) scheme.</p> <p>Ir Dr. George WONG supplemented that the CIC Secretariat would arrange a webinar to promote the scheme to the industry practitioners and encourage them to submit applications on or before 30 September 2023 as the application fee would be waived.</p>
2.8	CIC/BIM/P/021/23 (for information)	<p>Progress Report on the BIM Certification and Accreditation Schemes Members took note of the progress report on the BIM Certification and Accreditation Schemes.</p> <p>Prof. Jack CHENG recommended the CIC Secretariat to encourage the graduates of CIC-Accredited BIM training courses to submit their applications to become CCBMs/ CCBCs and liaise with professional associations and encourage their members to enrol the CCBM/ CCBC training courses.</p>

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		Ms. Sandy FONG recalled in the last meeting of the BIM Certification and Accreditation Board (BIMCAB) that the Hong Kong Construction Association (HKCA) had submitted a request to the BIMCAB Secretariat to submit applications for accreditation of CCBM/CCBC in-house training courses. The BIMCAB suggested the HKCA to submit the applications for accreditation via the normal route taking into consideration HKCA's role in arranging training courses for their company members instead of their staff. The BIMCAB Secretariat would closely work with the HKCA and provide necessary assistance to facilitate the accreditation of their training courses concerned.
2.9	CIC/BIM/P/022/23 (for information)	<p>Progress of the Task Force on Development of BIM-related Digital Solutions</p> <p>Applications for the CIC R&D Fund - openBIM® Quality Platform - Verification, Assessment & Tracking (Paper No. CIC/BIM/P/013/23) was approved by the Com-BIM & CD through circulation on 5 May 2023.</p> <p>Members took note of the progress of the TF-DBDS. Mr. Alex HO highlighted that the research proposal “openBIM® Quality Platform - Verification, Assessment & Tracking” was targeted to be kicked-off by July 2023 after the CIC internal process.</p>
2.10	CIC/BIM/P/023/23 (for information)	<p>Progress of the Task Force on BIM Standards</p> <p>Members took note of the progress of the TF-BS.</p> <p>As suggested by Prof. Jack CHENG, the TF-BS would prepare a timeline for the development of BIM related publications for a holistic view in the future action plan, and review and update the existing BIM Standards to cope with the rapid development of BIM and related technologies.</p>

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2.11	CIC/BIM/P/024/23 (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 informed Members that the TF-BSBD Secretariat had identified some pilot projects as good examples for reference materials. The TF-BSBD would closely liaise with those pilot projects' owners and invite them to share the details with the industry. The TF-BSBD would arrange activities to promote the use of sample models and BIM software-specific templates in the Guidelines published by the BD for their pilot projects and the training courses might be offered to practitioners on the usage of the templates.</p>
2.12		<p>Any Other Business</p> <p>(a) <u>Updates of the Technical Circular (Works) No. 2/2021</u> Members were encouraged to disseminate the updates to fellow colleagues and industry practitioners to raise their awareness of the arrangement.</p> <p>(b) <u>The buildingSMART International Standards Summit - Lillestrøm 2023</u> Ir Dr. George WONG introduced the details of the buildingSMART International Standards Summit to Members. Prof. Jack CHENG encouraged Members to join the buildingSMART International Standards Summit in Lillestrøm, Norway, from 18 to 21 September 2023 and share their event experience in the next meeting.</p>

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