

**Construction Industry Council**

**Committee on Building Information Modelling and Construction Digitalisation**

Meeting No. 002/24 of the Committee on Building Information Modelling and Construction Digitalisation (Com-BIM & CD) was held on Tuesday, 2 July 2024 at 2:30pm at Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and via video conferencing.

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Summary Notes of the Com-BIM & CD Meeting No. 002/24:

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
		Prof. Jack CHENG extended a warm welcome to the new Members who joined the Com-BIM & CD since May 2024.
2.1	CIC/BIM/M/001/24	<b>Confirmation of Minutes of the Previous Meeting</b> Members confirmed the Minutes of the meeting held on 26 March 2024.
2.2	CIC/BIM/M/001/24	<b>Matters Arising from the Previous Meeting</b> Members received the progress report on matters arising from the previous meeting, circulated on 25 June 2024 with no further comments: <u>Item 1.3 Enhancement of the Assessment Mechanism and Procedures of the CIC Research and Technology Development (R&amp;D) Fund</u> Members would be invited to join the second batch of the “Pool of Experts” for formation of Assessment Panel for the CIC R&D Fund.

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2.3	CIC/BIM/P/013/24 (for approval)	<p><b>Proposed New Membership, Terms of Reference and Term of Office for the Task Force on BIM Personnel Development</b></p> <p>Ir Dr. George WONG briefed Members on the proposed new membership, terms of reference and term of office for the Task Force on BIM Personnel Development (TF-BPD).</p> <p>Prof. Jack CHENG opined that it would be necessary to extend the term of office of the TF-BPD to allow time for reviewing the statistics on the supply and demand of BIM personnel in Hong Kong and updating the CIC White Paper on BIM Personnel Development in Hong Kong (the “White Paper”) in 2025.</p> <p>Members approved the proposed New Membership, Terms of Reference and Term of Office for the Task Force on BIM Personnel Development.</p>
2.4	CIC/BIM/P/014/24 (for endorsement)	<p><b>2025 Business Plan</b></p> <p>Members took note of the 2025 Business Plan.</p> <p>Ir Dr. George WONG briefed Members on the progress of the 2024 Business Plan, the summary of the 2025 Business Plan and the proposed 2025 Major KPIs of the Com-BIM &amp; CD.</p> <p>Regarding the development of “Roadmap on Adoption of BIM for Building Plan Preparation and Submission” (the “Roadmap”), Ms. Karen CHEUNG mentioned that the Buildings Department (BD) had been encouraging the industry to gear up themselves to use BIM models and BIM-generated building plans for submissions. The BD had engaged consultants to assess the industry’s readiness in using BIM for submissions.</p> <p>Mr. Alan TANG supplemented that the Roadmap had been implemented in phases. The first milestone was achieved with the use of BIM for the building plans preparation and submission to</p>

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		<p>the BD by the MTR Corporation Limited (MTR), the Hong Kong Housing Society (HKHS) and the Urban Renewal Authority (URA) in 2024. It was targeted that large residential projects would be required to adopt BIM for their submissions in 2026 and all projects would be mandated to adopt BIM for their submissions in 2029.</p> <p>He also opined that the CIC should conduct a survey to review the manpower situation, current situation of BIM adoption in the industry and focus more on the quality of personnel in using BIM models, in order to facilitate devising the training strategy. The CIC might promote the use of openBIM which would benefit the use of Common Data Environment (CDE) for collaboration among project team members in the industry. He commented that the survey with a view to updating the White Paper should be conducted as soon as possible. The CIC might consider covering the relevant questions to be raised later in the technology adoption survey and the White Paper survey in one go.</p> <p>Ir Prof. Thomas HO, Chairman of the CIC, agreed with Mr. Alan TANG and further highlighted the industry concerns regarding the insufficient number of skilled and competent BIM practitioners. The CIC should prioritise developing a roadmap and creating practical courses tailored to practitioners to enhance their knowledge of buildability. He also mentioned that the Master Class on AI and Large Language Model (LLM) would be launched soon to train up practitioners for meeting the demand of the market.</p> <p>Prof. Jack CHENG supplemented that the CIC should also focus on enhancing the quality of BIM personnel, arranging webinars and overseas study tours with focuses on specific topics/ themes such as openBIM, CDE, etc.</p> <p>Upon deliberations, Members endorsed the 2025 Business Plan and the proposed 2025 Major KPIs.</p>

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2.5	CIC/BIM/P/015/24 (for information)	<b>Updates on Construction Safety</b> Members took note of the Updates on Construction Safety.  Ir Dr. George WONG briefed Members on the activities or involvement for the Year of Safety initiatives by the CIC to enhance construction safety. He also highlighted the “Life First Safety Campaign 2024” to Members.
2.6	CIC/BIM/P/016/24 (for information)	<b>Report on the progress of KPIs of the Committee on Building Information Modelling and Construction Digitalisation</b> Members took note of the report on the progress of 2024 Major KPIs of the Com-BIM & CD and the 2024 actual expenditure versus approved budget.
2.7	CIC/BIM/P/017/24 (for information)	<b>Progress Updates of the Construction Digitalisation Department (including key events/projects in coming months)</b> Members took note of the progress updates of the Construction Digitalisation Department including key events/ projects in coming months.  Ir Dr. George WONG highlighted the “CIC Global Construction Digitalisation Forum and Exhibition (GCDFE) 2024” to be held from 29 to 30 October 2024 at the Hong Kong Convention and Exhibition Centre (HKCEC) and encouraged Members to participate in the event.  He also introduced the new “Centre for Future Construction (CFC)” located at HKIC Kowloon Bay Campus to Members. The construction project of CFC started on 21 June 2024. The CFC is the CIC’s strategic project to support the construction industry to boost manpower development in using innovation and technology for improving construction processes.

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		Ms. Rosana WONG expressed concern that naming the “Centre for Future Construction” (CFC) might convey the wrong impression to the public, suggesting that the CIC would exclusively showcase futuristic construction and digitalisation technologies. Ir Dr. George WONG appreciated the feedback and agreed to forward it to the CFC Steering Committee for further consideration.
2.8	CIC/BIM/P/018/24 (for information)	<b>Progress of the Task Force on BIM Training</b> Members took note of the progress of the Task Force on BIM Training (TF-BT).
2.9	CIC/BIM/P/019/24 (for information)	<b>Progress Report on the BIM Certification and Accreditation Schemes</b> Members took note of the progress report on the BIM Certification and Accreditation Schemes.
2.10	CIC/BIM/P/020/24 (for information)	<b>Progress of the Task Force on BIM Standards</b> Members took note of the progress of the Task Force on BIM Standards.
2.11		<u>Any Other Business</u>  (a) <u>Proposal on energising the Digital Twin Hub</u>  Ir Dr. George WONG briefed Members on the tentative event schedule to be held at the CIC Digital Twin Hub (DT Hub) in 2024 and encouraged Members to share the post-event promotion of the DT Hub via LinkedIn.  Sr Michael WONG introduced the proposed BIM Award to be organised by the Hong Kong Institute of Civil and Building Information Management (HKICBIM) in early 2025 to Members. Ir Dr. George WONG welcomed Sr Michael WONG to consider organising the event at the new CFC in 2025.

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		<p>(b) <u>Proposal on Digitalisation Study Tour to Singapore</u></p> <p>Ir Dr. George WONG briefed Members on the proposal on Digitalisation Study Tour to Singapore (the “Study Tour”) tentatively to be scheduled from 3 to 6 September 2024. Prof. Jack CHENG encouraged Members to join the Study Tour. He suggested that the Study Tour could focus on both BIM and digitalisation. The CIC would extend the invitation to the Members of the Task Force on BIM Submissions to the BD to join the delegation.</p> <p><i>[Post-meeting notes: The Com-BIM &amp; CD Paper No. CIC/BIM/P/021/24 on “Proposal on Digitalisation Study Tour to Singapore in September 2024” was circulated to Members and approved on 17 July 2024. Members were also invited to express their interest to join the Study Tour.]</i></p> <p>(c) <u>Construction Safety AI chatbot</u></p> <p>Ir Dr. George WONG introduced to Members the key features of the Construction Safety AI chatbot by LLM. It aimed at taking around three months to develop the chatbot. It was targeted to be launched soon to the public for use by the industry practitioners.</p>

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