

**Construction Industry Council**

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

Meeting No. 001/24 of the Committee on Building Information Modelling and Construction Digitalisation (Com-BIM & CD) was held on Tuesday, 26 March 2024 at 2:30pm through video conference (Microsoft Teams).

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Summary Notes of the Com-BIM & CD Meeting No. 001/24:

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
1.1	CIC/BIM/M/004/23	<b>Confirmation of Minutes of the Previous Meeting</b> Members confirmed the Minutes of the meeting held on 5 December 2023.
1.2	CIC/BIM/M/004/23	<b>Matters Arising from the Previous Meeting</b> Members received the progress report on matters arising from the previous meeting, circulated on 19 March 2024 with no further comments: <u>(a) Item 4.4 Progress Updates of the CIC Construction Digitalisation Award (CDA) 2024</u> The idea of broadening the assessment categories to cover the lifecycle of digitalisation instead of focusing only on Digital Twin was conveyed to the CDA 2024 Organising Committee. It was agreed that a footnote would be supplemented to remind applicants to refer to the “Construction Digitalisation Roadmap 2021” published by the CIC for the digitalisation scope covered by the CDA 2024.

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		<p><u>(b) Item 4.8 Progress of the Task Force on BIM Submissions to the Buildings Department (TF-BSBD)</u></p> <p>The Com-BIM &amp; CD issued a letter to the Planning and Lands Branch, Development Bureau (DEVB(PLB)) to express support to the “Roadmap of Adoption of Building Information Modelling (BIM) for Building Plan Preparation and Submission” further to a briefing meeting with the DEVB(PLB). A meeting with the Chairpersons of the Com-BIM &amp; CD and other Task Forces was held on 2 March 2024 to discuss the way forward on BIM submissions to the Buildings Department (BD). Members agreed to proactively support the BD and to explore ways to contribute to the BD’s coming consultancy study when it would be awarded in June 2024.</p>
1.3	CIC/BIM/P/003/24 (for approval)	<p><b>Enhancement of the Assessment Mechanism and Procedures of the CIC Research and Technology Development (R&amp;D) Fund</b></p> <p>Mr. Tim SUEN of the Construction Productivity Department gave a presentation on the proposed enhancement of the assessment mechanism and procedures of the CIC R&amp;D Fund.</p> <p>Members approved the enhancement of the assessment mechanism and procedures of the CIC R&amp;D Fund. The “Pool of Experts” for formation of Assessment Panel for the CIC R&amp;D Fund would be nominated from the new membership list of the Com-BIM &amp; CD to be confirmed in the Council Meeting to be held in April 2024.</p>
1.4	CIC/BIM/P/004/24 (for approval)	<p><b>Dissolution of the Task Force on Development of BIM-related Digital Solutions<sup>#</sup></b></p> <p>Members took note of the dissolution of the Task Force on Development of BIM-related Digital</p>

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		<p>Solutions (TF-DBDS).</p> <p>Ir Dr. George WONG briefed Members on the reasons for the dissolution of the TF-DBDS. The TF-DBDS completed the task and identified the openBIM checking platform over the year. He supplemented that the research agenda would be shared to the solution providers and research institutes twice a year, to encourage them to participate in digital solutions development and apply for the CIC R&amp;D Fund.</p> <p>Members approved the dissolution of the TF-DBDS with no further comments.</p> <p><i># Note: The Development of “openBIM(R) Quality Platform - Verification, Assessment &amp; Tracking” will be managed by a new working group.</i></p>
1.5	CIC/BIM/P/005/24 (for information)	<p><b>Year of Safety Initiatives</b></p> <p>Members took note of the Year of Safety Initiatives.</p> <p>Mr. Ole WONG introduced the Safety Forum to be organised by The Association of Consulting Engineers of Hong Kong (ACEHK) in April 2024. The Safety Forum aims at promoting construction safety, which focuses on the initiatives from consultants by means of design and digitalisation. Ir Dr. George WONG welcomed Members to share the safety related event details to the CIC Secretariat for promotion to i-Club members.</p> <p>Members agreed with Prof. Jack CHENG’s suggestion to report updates on construction safety in future meetings of the Com-BIM &amp; CD.</p>

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1.6	CIC/BIM/P/006/24 (for information)	<p><b>Report on the Progress of KPIs of the Committee on Building Information Modelling and Construction Digitalisation</b></p> <p>Members took note of the report on the progress of KPIs of the Com-BIM &amp; CD, the 2024 actual expenditure versus approved budget and the key Initiatives for 2025 Budget.</p> <p>Prof. Jack CHENG suggested the 2025 initiatives to include Artificial Intelligence (AI) elements, for example, in the 2025 Awards theme or in the Hackathon event.</p>
1.7	CIC/BIM/P/007/24 (for information)	<p><b>Progress Updates of the Construction Digitalisation Department (including key events/projects in coming months)</b></p> <p>The Post-visit Report to Visit to buildingSMART International Standards Summit – Lillestrøm 2023 (Paper No. CIC/BIM/P/001/24) was circulated to the Com-BIM &amp; CD on 24 January 2024 for information.</p> <p>Members took note of the progress updates of the Construction Digitalisation Department including key events / projects in coming months.</p> <p>Ar. Lawrence LEUNG highlighted that the “CIC Global Construction Digitalisation Forum and Exhibition (GCDFE) 2024” would be organised from 29 to 30 October 2024 at the Hong Kong Convention and Exhibition Centre (HKCEC).</p>
1.8	CIC/BIM/P/008/24 (for information)	<p><b>Progress of the Task Force on BIM Training</b></p>

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		Members took note of the progress of the Task Force on BIM Training (TF-BT) with no further comments.
1.9	CIC/BIM/P/009/24 (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. Mr. Alan TANG expressed his concern on the way to motivate more BIM personnel (including new entrants and graduates) to apply for certification as CIC-Certified BIM Managers / Coordinators (CCBMs / CCBCs). He suggested the CIC Secretariat to even encourage the BIM personnel from sub-contractors to apply for certification as CCBMs / CCBCs. The CIC Secretariat would continue to work on it.
1.10	CIC/BIM/P/010/24 (for information)	<b>Progress of the Task Force on BIM Standards</b> Issuance of the “Reference Materials of BIM Harmonisation for Digital Hong Kong” (Paper No. CIC/BIM/P/042/23) was approved by the Com-BIM & CD on 27 December 2023 through circulation. Mr. Alan TANG informed Members that the DEVB had received the email from the CIC Secretariat regarding the addition of a section “Way Forward” to the “Reference Materials of BIM Harmonisation for Digital Hong Kong”. The DEVB would further review and discuss on the use of some long-term policy initiatives and wording in this technical document. Prof. Jack CHENG suggested to arrange promotional activities to promote the “Reference Materials

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		<p>of BIM Harmonisation for Digital Hong Kong” once it is ready to launch.</p> <p>Members took note of the progress of the Task Force on BIM Standards.</p> <p>[Post meeting notes: The revised document has been issued by the DEVB to the CIC Secretariat for follow up action on 5 April 2024.]</p>
1.11	CIC/BIM/P/011/24 (for information)	<p><b>Progress of the Task Force on BIM Submissions to the Buildings Department</b></p> <p>Mr. Lok FUNG briefed Members that the meeting of the TF-BSBD would be scheduled after the “Consultancy Study on Adopting BIM for Statutory Submissions under the Buildings Ordinance” by the BD to be awarded in June 2024. The CIC Secretariat would discuss with the awarded consultant on the way to facilitate BIM submissions to the BD.</p> <p>Members took note of the progress of the Task Force on BIM Submissions to the Buildings Department (TF-BSBD).</p>
1.12		<p><u>Any Other Business</u></p> <p>(a) <u>The Role of the Com-BIM &amp; CD on the 4S Labelling Scheme</u></p> <p>The Smart Site Safety System Labelling Scheme of construction projects in Hong Kong (Paper No. CIC/BIM/P/002/24) was withdrawn in the separate meeting of the Com-BIM &amp; CD on Smart Site Safety System Labelling Scheme (4SLS) held on 28 February 2024. Ir Dr. George WONG updated Members on the latest development on the 4SLS. The 4SLS would be established under the Committee on Construction Safety (Com-CSY). Members of the Com-BIM &amp; CD would be nominated to join the relevant Task Force established under the Com-CSY to share the</p>

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		<p>latest knowledge of digitalisation technologies and support the promotion of the 4SLS.</p> <p>(b)<u>2024 Major Work Plans and Proposed updates on the 2024 Business Plan</u></p> <p>Ir Dr. George WONG highlighted the 2024 Major Work Plans of the CD Department to Members. He briefed Members on the following initiatives under Item 1.1 Training of the 2024 Business Plan to be considered as lower priority:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: center;">Item</th> <th style="text-align: center;">Initiatives</th> </tr> </thead> <tbody> <tr> <td>1.1 (a)</td> <td>Develop new training courses with the SPDC to meet the market needs</td> </tr> <tr> <td>1.1 (b)</td> <td>Develop and coordinate BIM/ CD training courses with professional institutes</td> </tr> <tr> <td>1.1 (c)</td> <td>Deliver Train-the-Trainer courses</td> </tr> <tr> <td>1.1 (d)</td> <td>Develop new self-learning training materials to meet the market needs (e.g. openBIM/ Cybersecurity, etc.)</td> </tr> <tr> <td>1.1 (e)</td> <td>Coordinate with HKIC to organise Construction Digitalisation Taster Workshops for STEM/ STEAM school students</td> </tr> </tbody> </table> <p>Upon deliberation, Members agreed that the above initiatives in the 2024 Business Plan could be considered as lower priority, which would be followed up in 2025 if needed.</p> <p>(c)<u>Hong Kong openBIM / openGIS Awards 2024</u></p> <p>Prof. Jack CHENG introduced Hong Kong openBIM / openGIS Awards 2024 which was</p>	Item	Initiatives	1.1 (a)	Develop new training courses with the SPDC to meet the market needs	1.1 (b)	Develop and coordinate BIM/ CD training courses with professional institutes	1.1 (c)	Deliver Train-the-Trainer courses	1.1 (d)	Develop new self-learning training materials to meet the market needs (e.g. openBIM/ Cybersecurity, etc.)	1.1 (e)	Coordinate with HKIC to organise Construction Digitalisation Taster Workshops for STEM/ STEAM school students
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		<p>launched by The Hong Kong Alliance of Built Asset and Environment Information Management Associations (HKABAEIMA) and the Hong Kong Chapter of buildingSMART International. He encouraged Members to promote the event and join the final presentation by the shortlisted team on 30 April 2024.</p> <p>(d)<u>buildingSMART International Summit – Valencia 2024</u></p> <p>Mr. Kevin WONG shared his experience gained from the buildingSMART International Summit – Valencia 2024 in March. He highlighted that buildingSMART International Council and Chapter Conference 2024, the first Asia Summit, would be organised in Hong Kong from 19 to 21 June 2024 to promote the use of openBIM. He welcomed Members to support and participate in this international event.</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.*