

Construction Industry Council

Committee on Building Information Modelling

Meeting No. 003/21 of the Committee on Building Information Modelling (Com-BIM) was held on 30 September 2021 (Thursday) at 9:00am 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. 003/21:

Agenda Item	Paper	Major Resolutions/ Progress Highlights
-	-	Before the meeting, Ar. Ada FUNG announced the retirement of Ir Dr. Richard PANG, Director-Industry Development, CIC, and expressed gratitude to his past support and contributions on Com-BIM. She welcomed his successor, Mr. Daniel SUEN, to join the meeting.
3.1	CIC/BIM/M/002/21	Confirmation of Minutes of the Previous Meeting Members confirmed the Minutes of the meeting held on 29 June 2021.
3.2	CIC/BIM/M/002/21	Matters Arising from the Previous Meeting Members received the progress report on matters arising from the previous meeting by circulation on 23 September 2021. No comments were received. Highlights of matters arising from the previous meeting were given below: Item 2.3 (b) – For the development of training course materials, CIC would continue to work with professional bodies and trade associations to offer BIM advanced and specific training courses for their members. The “Certificate in BIM – Asset Management for EMSD Projects” course as run by the School of Professional Development in Construction and was among the courses offered, with members of the

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		<p>Hong Kong Federation of Electrical & Mechanical Contractors Limited (HKFEMC) joined.</p> <p>Item 2.3 (c) – Senior management from the Diocesan Building and Development Commission visited the CIC BIM Space and experienced hands-on workshop in BIM software on 28 August 2021.</p> <p>Item 2.4 – CIC targeted to update the CIC BIM Dictionary in Q4 2021.</p> <p>Item 2.5 - CIC would continue to promote free openBIM events including CIC-Certified BIM Managers (CCBMs), CIC-Certified BIM Coordinators (CCBCs) and CIC-BIM Network Members by email or via the CIC BIM Portal.</p>
3.3	CIC/BIM/P/018/21 (for approval)	<p>Summary Report of the “BIM-Automation of Gross Floor Area (GFA) Calculation, Fire Safety and Prescribed Checking for General Building Plans (GBP) Preparation” Research Project</p> <p>Members approved the extension of time and granted in-principle approval to the summary report of the “BIM-Automation of GFA Calculation, Fire Safety and Prescribed Checking for GBP Preparation” research project as presented by BIT, the Consultant.</p> <p>Members suggested promoting the tool to all industry stakeholders and students in addition to the Hong Kong Institute of Architects and Authorised Persons. Some Members also suggested the Consultant to consider providing Application Programming Interface (API) for the core technologies, facilitating users to develop and customise solutions on top of the tool corresponding to their own needs. CIC would request the developer to submit application to include the tool into the Construction Innovation and Technology Fund (CITF) pre-approved list.</p>
3.4	CIC/BIM/P/019/21 (for approval)	<p>Extension of Time of the BIM Guide for BIM in Generation of Mechanical, Electrical and Plumbing (MEP) Digital Drawings for Statutory Submissions</p> <p>Members approved the extension of time of the BIM Guide for BIM in Generation of MEP Digital Drawings for Statutory Submissions as presented by A.C.I.D., the Consultant.</p>

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		<p>Ir Rocky POON suggested CIC to coordinate with the HKFEMC on organising a briefing session for their BIM Committee Members after completion of the BIM Guide. Some Members suggested developing online training materials in addition to the planned hands-on training workshops, with a view to benefit more practitioners through more flexibility in the training.</p>
3.5	CIC/BIM/P/020/21 (for information)	<p>Progress of the Task Force on BIM Standards Members took note of the progress of the Task Force on BIM Standards.</p> <p>Ar. Ada FUNG suggested promoting the “BIM-Automation of GFA Calculation, Fire Safety and Prescribed Checking for GBP Preparation” research project to the Members of the Task Force on BIM Submissions to the Buildings Department (BD) after the launch.</p>
3.6	CIC/BIM/P/021/21 (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> <p>Ir Clement CHUNG, Chairperson of the Task Force on BIM Training, requested Ir Francis LEUNG to encourage the Hong Kong Institution of Engineers (HKIE) to put more effort on BIM training.</p> <p>Ir Dr. George WONG, Manager-Industry Development, reported that the teaching and learning kit for BIM viewer training was circulated to Com-BIM Members for approval on 28 September 2021. Both English and Chinese versions were targeted for launching in October 2021. Two training courses on Train-the-trainer for BIM viewers have been promoted to CCBMs and CCBCs. Members suggested to clearly define the purpose, learning outcome and how to use the kit as teaching / self-learning materials in the BIM portal.</p>

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3.7	*CIC/BIM/P/022/21* (for information)	<p>★Progress of the Task Force on BIM Specifications and Agreement</p> <p>Members took note of the progress of the Task Force on BIM Specifications and Agreement (TF-BSA) without further comments.</p> <p>Ar. Ada FUNG reported that the enhancement on the CIC BIM Exchange Information Requirements (EIR) Template was approved in principle by the Com-BIM on 28 September 2021 through circulation to Members.</p>
3.8	CIC/BIM/P/023/21 (for information)	<p>Progress of the Task Force on BIM Submissions to the Buildings Department</p> <p>Members took note of the progress of the Task Force on BIM Submissions to the BD.</p> <p>Ar. Ada FUNG suggested CIC to facilitate BD to accept BIM from the industry by inviting interested Com-BIM Members to attend the next meeting of the Task Force on BIM Submissions to the BD.</p> <p>Some Members suggested BD to make reference to BIM submissions in Mainland China and consider similar implementation.</p> <p>Mr. Thomas CHAN reported that the Development Bureau (DEVB) was exploring the inclusion of BIM as contractual documents under their contracts, likely initiating some pilot projects next year. They would arrange consultation and Com-BIM Members would be invited to further discuss the matter.</p> <p>Members suggested arranging a separate session to discuss the details taking into account the current professional practice, concerns on liability, industry practice and cultural differences between Hong Kong and Mainland China.</p>
3.9	CIC/BIM/P/024/21 (for information)	<p>Update on Progress Reports</p> <p>Members took note of the progress report on the BIM Certification and Accreditation Schemes, progress updates of the Construction Digitalisation Department (including key events/projects in the coming</p>

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		months), and status summary on all the ongoing consultancies and research projects under the Com-BIM.
3.10		Brainstorming Session The brainstorming session was conducted in the pre-meeting held on 29 September 2021. Members gave comments on the BIM-related personnel resources monitoring and supply, and the teaching and learning kit for BIM viewer training. Members suggested CIC to offer BIM training for different levels of frontline personnel, and deliver such training by digital media plus physical training in order to economise in the use of time for both the trainers and trainees.
3.11		Any Other Business No other business was raised in the meeting.

Remarks: The mentioned papers discussed at the Com-BIM and the full meeting Minutes can be made available to Council Members from the CIC Secretariat upon request.