

Construction Industry Council

Committee on Building Information Modelling

Meeting No. 003/20 of the Committee on Building Information Modelling (Com-BIM) was held on Monday, 29 June 2020 at 2:30pm at the Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and by video conferencing.

Summary Notes of the Com-BIM Meeting No. 003/20:

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		Before the meeting, Ar Ada FUNG, Chairperson of the Com-BIM, welcomed Mr. Donald CHOI, a new member of Com-BIM.
3.1	CIC/BIM/M/002/20 (for information)	Confirmation of the Minutes of Com-BIM Meeting No. 002/20 Members confirmed the Minutes of the meeting held on 3 April 2020.
3.2	CIC/BIM/M/002/20 (for information)	Matters Arising from the Previous Meeting In response to the Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC)'s concern in selecting suitable Mechanical, Electrical and Plumbing (MEP) software for MEP contractors, BIM Department would organise a webinar on MEP solutions on 19 August 2020. Webinar on Introduction of "CIC Production of BIM Object Guide - General Requirements (August 2019)" would be held on 17 July 2020. CIC would promote the webinar to the manufacturers and suppliers to encourage them to follow the CIC BIM Object Guide in developing BIM objects for their products. (Post-meeting note: The webinar attracted 607 participants).

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>To follow up on the concerns in BIM adoption by MEP contractors from the HKFEMC, specially on training, CIC Secretariat sent a proposal on a remote training course on BIM Basic Modelling - Revit and BIM Advanced Modelling (MEP) - Revit Courses to be offered by the School of Professional Development in Construction (SPDC) of the Hong Kong Institute of Construction (HKIC) to HKFEMC on 11 June 2020 for their consideration.</p> <p>In addition, Members agreed that there was a need to develop a training course for industry stakeholders and government regulators to learn how to review and mark up comments on the BIM models. CIC Secretariat would follow up with the the Task Force on BIM Training and SPDC.</p>
3.3	CIC/BIM/P/011/20 (for approval)	<p>Updated Membership and Terms of Reference for the Task Force on BIM Standards (Phase 2) and the Task Force on BIM Training</p> <p>Members approved the updated membership and Terms of Reference for the Task Force on BIM Standards and the Task Force on BIM Training (Annex).</p> <p>Ar Ada FUNG suggested inviting the Chairpersons of the Task Group 1 on BIM Specifications and Task Group 2 on BIM Special Conditions of Contract & Services Agreement to be in attendance of the Com-BIM meetings to ensure the alignment of BIM development.</p>
3.4	CIC/BIM/P/012/20 (for endorsement)	<p>2021 Business Plan and Budget</p> <p>Members endorsed the proposed 2021 business plan and budget of Com-BIM. Ar Ada FUNG suggested the proposed business plan and budget should allow flexibility to cope with the dynamic situation of BIM and related IT development.</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>In addition, CIC Secretariat would follow up on other suggestions as follows:-</p> <ul style="list-style-type: none">(a) organise a webinar or seminar with Logistics and Supply Chain MultiTech R&D Centre in promoting their applied research and development projects to the industry;(b) organise a seminar or training course on the latest technologies such as blockchain and cyber security; and(c) coordinate with developers of plug-in tools to promote their products to the industry.
3.5	CIC/BIM/P/013/20 (for information) (Presentation)	<p>Progress of the Task Force on BIM Standards (Phase 2)</p> <p>Prof. Jack CHENG, the Chairperson of the Task Force on BIM Standards (Phase 2), reported that the consultancy on “Development and formulation of BIM guide for using BIM in generation of MEP digital drawings for statutory submissions” was targeted to be awarded in Q3 2020. The tender recommendation for the consultancy on “Enhancement of CIC BIM Standards (General)” was approved by Com-BIM on 30 April 2020 and two webinars on stakeholder engagement were held on 22 June 2020.</p> <p>In response to the enquiry on use of BIM for Asset Management and Facility Management, Ar Ada FUNG suggested Com-BIM to discuss this subject at the next meeting in September 2020.</p>
3.6	CIC/BIM/P/014/20 (for information)	<p>Progress of the Task Force on BIM Training</p> <p>Ir Clement CHUNG, the Chairperson of the Task Force on BIM Training, reported that over 400 students attended a webinar on BIM and innovation organised by the CIC at the Hong Kong University of Science and Technology on 18 May 2020. The Hong Kong Institute of Architects would organise their BIM Pro Training Programme in mid July 2020. The Hong Kong Institute of Surveyors would</p>

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		<p>organise five BIM-related Continuing Professional Development events.</p> <p>Prof. Jack CHENG suggested the CIC BIM training courses to include CIC BIM Standards. Ar Ada FUNG suggested to explore the idea of establishing a platform for BIMers to find BIM-related jobs from employers.</p>
3.7	CIC/BIM/P/015/20 (for information) (Presentation)	<p>Progress of the Task Force on BIM Specifications and Agreement</p> <p>Ar Ada FUNG, Chairperson of the Com-BIM, who is also the Co-Chairperson of the Task Force on BIM Specifications and Agreement, reported that Task Group 2 and Task Group 3 had been combined into one Task Group, namely “Task Group 2 on BIM Special Conditions of Contract & Services Agreement”. A webinar on public consultation on CIC BIM specifications was held on 27 April 2020. The first draft of the “CIC BIM Specifications” was released on the CIC BIM Portal for public comments from 27 April to 27 May 2020.</p>
3.8	(Presentation)	<p>Progress Report on BIM Certification and Accreditation Scheme</p> <p>Ir Dr. George WONG, Manager-BIM, reported that there were 284 approved CIC-Certified BIM Managers (CCBM) as of 27 May 2020. Since the launch of the “Schemes on Certification of BIM Coordinators and Accreditation of BIM Coordinator Courses” on 31 March 2020, 27 applications of CIC-Certified BIM Coordinators were received as of 22 June 2020. For those applicants who did not meet the relevant degree requirement to apply for CCBM, the BIM Certification and Accreditation Board was considering to provide a special route for the very experienced applicants.</p>
3.9	(Presentation)	<p>Progress Report on BIM by CIC</p> <p>Mr. Alex HO, Senior Manager-BIM, briefed Members on the progress report on BIM prepared by CIC</p>

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		<p>and highlighted as follows: -</p> <ul style="list-style-type: none"> (a) SPDC of the HKIC would offer three new BIM training courses including “BIM-AM for EMSD Projects”, “BIM Coordinator Course” and “BIM – Drawing Generation”. (b) BIM Awards was renamed to “Celebration of BIM Achievement 2020”. It would be held on 10 November 2020 at the CIC-Zero Carbon Park during the Construction Month. (c) CIC Digitalisation Award 2021 was planned to be held in November 2021. (d) Total number of attendees of the BIM-related webinars from April to June 2020 was over 9,600. (e) The CIC BIM Competition 2020 (Tertiary Student Category) was successfully concluded with an award ceremony held on 13 June 2020. Webinars for awardees sharing would be held on 15 and 22 July 2020. (Post-meeting note: These attracted 350 and 207 participants respectively). (f) A BIM Talks was planned to be held at the Hong Kong Academy for Performing Arts on 8 September 2020. Depending on COVID-19 situation, it may be changed to a webinar event. Two webinars on BIM Talks would be held on 27 July and 2 December 2020 respectively. (g) The consultancy on BIM adoption survey 2020 was awarded to “Llewellyn and Partners Company Limited” on 24 June 2020 and would be commenced in early July 2020. (h) The paper CIC/BIM/P/016/20 regarding the progress summary of ongoing consultancies and research projects under Com-BIM was tabled for Members’ information. <p>In addition, a representative from AECOM Asia Company Limited gave a presentation on the progress updates of the “Consultancy Services on 3D and BIM Data Use Case Requirements of the Construction Industry for the development of Digital Hong Kong”.</p>

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3.10	(Presentation)	Electronic Submission Hub and BIM Mr. TAM Wing-cheung gave a presentation on the electronic submission hub (ESH) and BIM development in Buildings Department (BD). The initial implementation plan of ESH was reported. Mr. Alex HO supplemented that a Task Force on BIM submission to BD would be formed to aid the development of the ESH and to streamline the workflow in the plan approval process.
3.11	(Presentation)	Updates on Digitalisation Mr. Alex HO gave a brief presentation on the updates on the CIC core initiative on Digitalisation for Members' information.
3.12		Any Other Business No other business was raised in the meeting.

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

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Committee on Building Information Modelling

Task Force on BIM Standards

Terms of Reference

1. To identify the types of BIM standards, common practices, or reference documents which are essential or beneficial to facilitate the local Architectural, Engineering, Construction, Owner & Operator (AECOO) industry and prioritise for development to better adopt BIM in the aspect of project execution.
2. To prepare and develop the BIM standards, common practices, or reference documents as identified and prioritised.
3. To engage consultant(s) as necessary and oversee consultancy management and deliverables.
4. The Task Force shall have a term starting from 29 June 2020 to 31 January 2022. The term may be extended subject to the status of the tasks in progress.

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Committee on Building Information Modelling

Task Force on BIM Standards

Membership List

	Name	Representing Organisation/ Remarks
1.	Jack CHENG Chin-pang (Chairperson)	HKUST
2.	Ada FUNG Yin-suen [#]	Chairperson of the Com-BIM
3.	Clement CHUNG	ACEHK/ Chairperson of the Task Force on BIM Training
4.	Ben CHAN Siu-bun	LandsD
5.	Aaron CHAN Wing-kai	HKIA
6.	Vincent CHOW Hau-keung	DEVB
7.	Thomson LAI	HKIBIM
8.	Mark LAI Wing-hong	BD
9.	Kelvin WONG Ka-wo	AAHK

Remarks: [#]new member

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Committee on Building Information Modelling

Task Force on BIM Training

Terms of Reference

1. To make recommendations to the Committee on Building Information Modelling (BIM) in relation to the development of BIM training in Hong Kong.
2. To identify the industry's needs in terms of the content of BIM training and BIM-related graduate attributes for provision of practical views/recommendations to Higher Education institutions.
3. To provide recommendations and feedback on BIM-related training courses developed or offered by the Hong Kong Institute of Construction.
4. To engage consultant(s) as necessary and oversee consultancy management and deliverables.
5. The Task Force shall have a term starting from 29 June 2020 to 31 January 2022. The term may be extended subject to the status of the tasks in progress.

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Task Force on BIM Training

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	Name	Representing Organisation/ Remarks
1.	Clement CHUNG (Chairperson)	ACEHK
2.	Ada FUNG Yin-suen [#]	Chairperson of the Com-BIM
3.	Jack CHENG Chin-pang	HKUST/ Chairperson of the Task Force on BIM Standards
4.	Sunny CHOI Shing-lam	HKIS
5.	Rachel CHOW	HKIA
6.	NG Chun-keung	HKIUS
7.	Billy WONG Chi-pan	HKCA
8.	WONG Tsz-kin	EMSD
9.	To be invited	DEVB*
10.	To be invited	HKIE*

*Remarks: *new representing organisation*

#new member

Abbreviations

Short form	Full Name
AAHK	Airport Authority Hong Kong
ACEHK	The Association of Consulting Engineers of Hong Kong
BD	Buildings Department
Com-BIM	Committee on Building Information Modelling
DEVB	Development Bureau
EMSD	Electrical and Mechanical Services Department
HKCA	Hong Kong Construction Association
HKIA	The Hong Kong Institute of Architects
HKIBIM	The Hong Kong Institute of Building Information Modelling
HKIE	The Hong Kong Institution of Engineers
HKIS	The Hong Kong Institute of Surveyors
HKIUS	Hong Kong Institute of Utility Specialists
HKUST	The Hong Kong University of Science and Technology
LandsD	Lands Department