

Construction Industry Council**Committee on Building Information Modelling**

Meeting No. 004/20 of the Committee on Building Information Modelling (Com-BIM) was held on Tuesday, 22 September 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 through web meeting.

Present	:	Ada FUNG Yin-suen	(AF)	Chairperson
		Neo CHAN Kang-yuen*	(NCKy)	
		Thomas CHAN Tak-yeung	(CTY)	
		Jack CHENG Chin-pang*	(JCCp)	
		Donald CHOI Wun-hing	(DC)	
		Daniel CHONG Kwok-ming*	(DCg)	
		Clement CHUNG*	(CtCg)	
		Eric POON Shun-wing*	(EPSW)	
		TAM Wing-cheung*	(WCT)	
		Billy WONG Chi-pan*	(BWCb)	
		Kelvin WONG Ka-wo*	(KWKw)	
		Rosana WONG Wai-man*	(RnWg)	
In Attendance	:	Rocky POON Lock-kee	(LKP)	Co-chairperson of Task Force on BIM Specifications and Agreement
		Marcin KLOCEK [#]	(mK)	Chairperson of Task Group 1 on BIM Specifications
		SO Ching*	(CSO)	Co-chairperson of Task Group 2 on BIM Special Conditions of Contract & Services Agreement
		CHAN Ka-kui	(KKCh)	Chairman
		Albert CHENG	(CTN)	Executive Director
		Richard PANG	(RPg)	Director - Industry Development
		Alex HO	(AHKK)	Senior Manager – Building Information Modelling
		Sunny CHOI	(SLC)	Manager - Building Information Modelling
		Serina LAU	(SLau)	Manager - Building Information Modelling
		Ron NG	(RNCw)	Manager - Building Information Modelling

George WONG	(GWck)	Manager - Building Information Modelling
MOK Peng-lam	(PMk)	Principal – School of Professional Development in Construction, HKIC

Apologies : CHUNG Kwok-fai (CKFi)
Ivan FU Chin-shing (FI)

*Remarks: *attend the meeting through Microsoft Teams
#attend the meeting through Microsoft Teams and then in person.*

MINUTES

Action

Before the meeting, AF welcomed RnWg, a new member of Com-BIM, currently an Executive Director of the Yau Lee Group, and Founder and CEO of Global Virtual Design and Construction Limited. She is also a Director of Hong Kong Cyberport Management Company Limited and the Vice President of Smart City Consortium. She has a variety of experience in the application of BIM, Geographic Information System, Internet of Things, Mechanical, Electrical and Plumbing (MEP) Services, Facilities Management and Asset Management, and in smart city development work. With her experience and network, her appointment as a Com-BIM Member would help to facilitate the synergetic development of BIM and digitalisation with a wider spectrum of key stakeholders.

AF reminded Members to declare conflict of interest if any. No conflict of interest was registered.

4.1 Confirmation of the Minutes of Meeting No. 003/20 of the Com-BIM

Members noted the Paper CIC/BIM/M/003/20 and confirmed the Minutes of Meeting No. 003/20 of the Com-BIM held on Monday, 29 June 2020.

4.2 Matters Arising from the Previous Meeting

Members noted the progress of matters arising from the Meeting No. 003/20 of the Com-BIM.

4.3 Issuance of BIM-related Reference Materials

Members noted the Paper CIC/BIM/P/016/20 regarding the issuance of three BIM-related reference publications.

AHKK supplemented that CIC BIM Standards for Preparation of Statutory Plan Submissions (September 2020) and CIC BIM Dictionary/Glossary (September 2020) were endorsed in principle by the Task Force on BIM Standards (TF-BS) on 7 September 2020 and 14 September 2020 respectively, while CIC BIM Specifications (September 2020) was endorsed in principle by the Task Force on BIM Specifications and Agreement (TF-BSA) on 21 September 2020. The CIC Secretariat did not receive any comments on the issuance of three BIM-related reference publications from Com-BIM Members before the Meeting.

Some Members were concerned that the current form of the CIC BIM Specifications would be too comprehensive for small projects/ firms to follow. JCCp suggested to make use of different font styles to differentiate the specification clauses for implementing the basic BIM Uses from those for the advanced BIM Uses, to facilitate selection of suitable clauses for adoption. AF suggested to provide a simpler version of the sample of work as illustration for small projects/ firms, and arrange a short meeting among the Chairpersons of the Com-BIM, TF-BS, Task Group 1 on BIM Specifications and the CIC to find a suitable way to amend this publications. The CIC Secretariat would follow up.

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Members approved in principle the issuance of three BIM-related reference publications subject to further refinements, including:

- (a) CIC BIM Standards for Preparation of Statutory Plan Submissions (updated version)
- (b) CIC BIM Specifications
- (c) CIC BIM Dictionary/ Glossary

(mK attended the meeting through Microsoft Teams at 2:45pm)

[Post-meeting note: The above three publications were targeted to be issued in Q4 2020. CIC BIM Dictionary/ Glossary had been renamed as “CIC BIM Dictionary”. CIC BIM Specifications had been renamed as “The CIC Standard Exchange Information Requirements Template”.]

4.4 Final Report of Consultancy Services on the 3D and BIM Data Use Case Requirements of the Construction Industry for the Development of Digital Hong Kong

Members noted the Paper CIC/BIM/P/017/20 regarding the final report of the captioned consultancy study.

Members noted that small group briefing/discussion sessions were held on 16 September 2020 for Com-BIM Members and the stakeholders. The consultant, AECOM Asia Company Limited, gave presentations on the top ten use cases and the respective recommendations for open discussion between Data Requesters and Data Providers.

RNCw presented the scope of works and progress of the consultancy study, and supplemented that the draft final report was endorsed in principle by the Project Steering Group on 18 September 2020.

Ms. Yvonne CHEU, representative from AECOM Asia Company Limited, gave a presentation on the draft final report. AECOM would further discuss with relevant Government departments and fine-tune the report.

After the presentation, AF supplemented that there would be three months maintenance period after the approval by Com-BIM.

AF suggested to arrange a pre-lunch presentation for briefing the CIC Council Members on the major findings of this consultancy study on 23 October 2020. With the help of the Development Bureau, a meeting was being arranged with the Common Spatial Data Steering Committee (CSDSC) for the CIC to present a high level summary of the findings of this consultancy study to relevant Government departments on 13 October 2020.

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AF suggested to study five more use cases identified in this study. AHKK suggested AECOM Asia Company Limited to provide a quotation to the CIC for consideration.

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Members approved in principle the final report of this consultancy study.

[Post-meeting note: Due to typhoon signal number 8 hoisted, the CSDSC meeting was rescheduled for 28 October 2020.]

4.5 Progress of the Task Force on BIM Standards

JCCp briefed Members on the Paper CIC/BIM/P/018/20 regarding the progress of the TF-BS.

After the presentation, SLC supplemented that the development of the BIM Standard for Quantity Take Off by the Hong Kong Institute of Surveyors (HKIS) was targeted to be completed within this year. AF suggested CIC to keep in view the progress of their work and consider developing a suitable BIM standard for the industry if necessary.

TF-BS

Members noted the progress of the TF-BS.

(DCg left the meeting at 3:33pm)

(mK attended the meeting in person at 3:45pm)

(EPSW left the meeting at 3:56pm)

(KWKw left the meeting at 4:02pm)

4.6 Progress of the Task Force on BIM Training

CtCg briefed Members on the Paper CIC/BIM/P/019/20 regarding the progress of the Task Force on BIM Training (TF-BT).

After the presentation, CTY suggested the CIC to work out a training plan with due consideration of the train-the-trainer approach for different levels of personnel in construction companies who need to use BIM. The CIC would follow up with CTY on this.

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In addition, CTY suggested to explore with the BIM consultants the feasibility of offering on-site coaching service for the construction companies. AHKK responded that many BIM consultants provide this kind of services and would gather some information from the BIM consultants.

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Members noted the progress of the TF-BT.

(BWCb left the meeting at 4:23pm)

4.7 Progress of the Task Force on BIM Specifications and Agreement

AF briefed Members on the Paper CIC/BIM/P/020/20 regarding the Task Force on BIM Specifications and Agreement (TF-BSA), including the progress of the Task Group 1 on BIM Specifications and Task Group 2 on BIM Special Conditions of Contract & Services Agreement.

Members noted the progress of the TF-BSA.

4.8 Progress Reports

The presentation slides of the progress reports on BIM Certification and Accreditation Scheme, updates on the BIM work done by the CIC, ongoing consultancies and research projects under Com-BIM, and development of a digitalisation roadmap for the Hong Kong construction industry were given to Members before the Meeting.

Members took note of the progress reports.

(CtCg, KKCh and LKP left the meeting at 4:45pm)

(DC left the meeting at 4:57pm)

(CTN left the meeting at 5:02pm)

(WCT left the meeting at 5:10pm)

4.9 Preliminary Strategies on Improving Time, Cost and Quality (TCQ) Performance of the Hong Kong Construction Industry

Members noted the briefing session by Arcadis, the consultant, on the preliminary strategies proposed for improving the TCQ performance of the Hong Kong construction industry conducted on 31 August 2020 for Com-BIM Members. The CIC Secretariat did not receive any comments from Members before the meeting.

Mr. Alex KATSANOS, representative from Arcadis, gave a presentation on this study. Comments collected from Com-BIM Members who had been interviewed by Arcadis were also presented.

After the presentation, AF further elaborated on her comments and suggested to rephrase the “streamlining approval processes” in one of the four focus areas as it was not only limited to approval processes. Mr. Alex KATSANOS agreed to consider rephrasing it to “streamlining processes in the construction cycle”.

Members noted the preliminary strategies proposed for improving the TCQ performance of the Hong Kong construction industry. Members were invited to provide feedback, if any, through the CIC Secretariat.

4.10 Any Other Business

(a) Celebration of BIM Achievement 2020

Celebration of BIM Achievement 2020 had been opened for entries. AF requested Members to help promote it to colleagues in their organisations and others, for submission of entries under the project, organisation and BIMer categories, before the submission deadline on 13 October 2020. The CIC Secretariat would send the promotion information for this event to Members.

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(b) Meeting with CEO of Autodesk

In response to Autodesk introducing their new subscription model, AF reported that the CIC Secretariat and herself had a meeting with Autodesk Hong Kong on 28 May 2020 and sent a letter to the CEO of Autodesk on 12 August 2020. A small group of delegates, including Com-BIM Members and representatives from the Hong Kong Institution of Engineers, Hong Kong Institute of Architects and HKIS attended a pre-meeting on 14 September 2020 to align views prior to arranging a meeting with the CEO of Autodesk.

AHKK supplemented that CIC would arrange a meeting with Autodesk Hong Kong to discuss discount on subscription fees after meeting the CEO of Autodesk.

[Post-meeting note: The CIC Secretariat sent the promotion information of the Celebration of BIM Achievement 2020 to Members on 23 September 2020.]

4.11 Date of Next Meeting

1 December 2020 (Tuesday) at 2:30 pm at the Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong.

[Post-meeting note: The Com-BIM Meeting is rescheduled for 15 December 2020.]

There being no further business, the meeting was adjourned at 5:15pm.

**CIC Secretariat
October 2020**