

Construction Industry Council

Committee on Building Information Modelling and Construction Digitalisation

Meeting No. 002/23 of the Committee on Building Information Modelling and Construction Digitalisation (Com-BIM & CD) was held on Tuesday, 27 June 2023 at 2:30pm at Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and through web meeting.

Present	: Jack CHENG Chin-pang* (JCCp)	Chairperson
	Antonio CHAN Chi-ming* (ACHAN)	
	Aaron CHAN Wing-kai* (WKCn)	
	Eric POON Shun-wing* (EPSW)	
	Samson PUNG Chun-nok* (SnP)	
	Barry SUM Pang-tuen* (BSPT)	
	TANG Man-hei* (MHT)	
	Ole WONG Ming-yan* (OWMY)	
	Kelvin WONG Ka-wo* (KWKw)	
	Kevin WONG Sai-choi* (KWg)	
	Michael WONG Wai-lun (MWWL)	
	Sandy FONG Wing-shan* (SaF)	Assistant Secretary
	(On behalf of Mr. Alfred WONG Kwok-fai)	(Works Policies 3) 5, Development Bureau
	Karen CHEUNG Yuk-ching* (KCyc)	Assistant Director/ New Buildings 1, Buildings Department
In Attendance :	Andy CHAN Lai-chun* (AClc)	Assistant Secretary (Project Capability and Strategy) 6, Development Bureau
	Alex HO* (AHKK)	Assistant Director - Industry Development
	George WONG (GWCK)	Senior Manager - Industry Development
	Ron NG (RNCw)	Principal - School of Professional Development in Construction (Acting)
	Tracy KWAN* (TcyK)	Manager – Finance
	(On behalf of Mr. Chris LAU)	
	Eros LAM* (ELLT)	Manager - Management Support

	Ion CHAN	(InSC)	Manager - Building Information Modelling
	Shirley LAM*	(SHLm)	Manager - Industry Development
	Lawrence LEUNG	(LLTY)	Manager - Industry Development
	Ella POON	(EPn)	Manager - Industry Development
	Dino SO	(DSCb)	Assistant Manager – Industry Development
	Kacy CHONG	(KC)	Assistant Manager - Industry Development
	Rebecca LEE	(RbL)	Officer II - Industry Development
Apologies	: Donald CHOI Wun-hing	(DC)	
	CHUNG Kwok-fai	(CKFi)	
	FUNG Chi-yiu	(FCY)	
	Rosana WONG Wai-man	(RnWg)	
	YIP Yin-yung	(YYY)	
	Alfred WONG Kwok-fai	(WKF)	Principal Assistant Secretary (Works) 3, Development Bureau
	Chris LAU	(CLu)	General Manager – Finance & Procurement
	Greg CHAN	(GgC)	Manager - Industry Development
	Sunny CHOI	(SLC)	Manager - Industry Development

*Remarks: *represents the attendee attended the meeting through video conference (Microsoft Teams).*

MINUTES

Action

JCCp welcomed all Members to attend the meeting.

JCCp informed Members that the name of Committee on Building Information Modelling (Com-BIM) was confirmed to be changed to Committee on Building Information Modelling and Construction Digitalisation (Com-BIM & CD) in the Council Meeting No. 002/23 held on 21 April 2023.

JCCp welcomed two new Members, namely BSPT and KCyc, to joining the Com-BIM & CD in April 2023 and attend the meeting. JCCp informed members that Mr. Tommy TAM had resigned from the Com-BIM & CD. KCyc was nominated as a new representative of the Buildings Department (BD) to join the Com-BIM & CD.

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

2.1 Confirmation of Minutes of the Previous Meeting

Members took note of Paper CIC/BIM/M/001/23 and confirmed the Minutes of Meeting No. 001/23 of the Com-BIM held on Tuesday, 28 March 2023.

2.2 Matters Arising from the Previous Meeting

Members received the progress report on matters arising from the previous meeting, circulated on 20 June 2023 and highlighted as follows, with no further comments:

Item 1.4 – Progress Reports on the Com-BIM

JCCp suggested the Task Force on Development of BIM-related Digital Solutions (TF-DBDS) to identify the list of the practical and applicable digital solutions from the BIM Automation Arena 2023 and share them to the industry via the Construction Industry Council (CIC). The TF-DBDS would share the progress of follow-up actions in the next Com-BIM & CD meeting.

TF-DBDS

KWg supplemented that the Hong Kong Institute of Building Information Modelling (HKIBIM) might organise the BIM Automation Arena in a bi-yearly basis.

(TcyK attended the meeting and RNCw left the meeting at 2:50pm)

(MWWL attended the meeting at 2:58pm)

2.3 2024 Business Plan

Members took note of Paper CIC/BIM/P/016/23 for endorsement.

JCCp welcomed TcyK attending the meeting on agenda 2.3 and 2.4 on behalf of CLu from the Department of Finance & Procurement of the CIC.

GWCK reported the details of progress of the 2023 Business Plan and briefed Members on the objectives, items and KPIs/ deliverables of the 2024 Business Plan with the proposed additional budget for BIM (and CD) Year 2024 and CIC Construction Digitalisation Award 2024.

AHKK expressed his opinion on the proposed KPIs/ deliverables of “Approve 60 CIC-Certified BIM Managers (CCBMs), 300 CIC-Certified BIM Coordinators (CCBCs) and 500 CIC-Certified BIM Coordinators (Associate) (CCBC(A)s)” and “Increase to seven organisations running an in-house CIC-Accredited (CCBM/ CCBC) course” under item 5.1 (a) Training and Certification - BIM Certification and Accreditation Schemes (BIMCAS) of the 2024 Business Plan. Upon deliberation, Members agreed to revise the KPIs/ deliverables as **“Approve 60 CCBMs, 300 CCBCs and 300 CCBC(A)s”** and **“Add two more organisations running an in-house CIC-Accredited (CCBM/ CCBC) course”** with reference to the track record.

KWg and JCCp suggested the CIC Secretariat to consider prepare a list of trainers for a holistic review and analysis on further arrangement of train-the-trainer courses for CCBMs/ CCBCs.

**CIC
Secretariat**

MWWL suggested the CIC Secretariat to invite large organisations to nominate trainers to attend the train-the-trainer courses. JCCp also encouraged large organisations to organise in-house CCBM/ CCBC courses for their staff.

**CIC
Secretariat**

In response to OWMY’s concern about the recognition of the CCBC(A) in the industry, SaF informed Members that the Development Bureau (DEVB) had issued instructions to the Works Departments to mandate the engagement of CCBC or CCBC(A) but with at least half of the BIM Coordinators attained the qualification of CCBC in the BIM team for all technical & fee proposals of consultancy agreements or construction works tenders to be invited on or after 1 January 2024.

JCCp suggested the CIC Secretariat to promote the latest update of the DEVB’s requirements and CCBC(A) in future webinars. It was believed that the new arrangement would provide recognition to CCBC(A) and attract practitioners to apply for CCBC(A).

**CIC
Secretariat**

GWCK introduced the BIM (and CD) Year 2024 and CIC Construction Digitalisation Award 2024 to the Members.

JCCp introduced the GHM Greater Bay Area Institute of Urban

Architecture (Hong Kong) (GUIBA) to Members. GUIBA targeted to organise the BIM conference in Hong Kong in Q1/ Q2 2024. JCCp recommended to put the BIM Conference as one of the key events of the BIM (and CD) Year 2024 when the schedule of the conference is confirmed.

AHKK mentioned that the CIC received feedback from the industry on the demand of BIM practitioners. Members agreed that BIM training, contractual BIM and openBIM are the key initiatives of the 2024 Business Plan.

GWCK briefly introduced the items of the 2024 Business Plan and Budget. JCCp highlighted item 7.1 “Study Tour and Conference” of 2023 Business Plan and encouraged Members to join the “buildingSMART International Standards Summit” to be scheduled from 18 to 21 September 2023. Details of the visit would be shared in agenda item 2.12 of this meeting.

Upon deliberation, Members endorsed the 2024 Business Plan and the proposed additional budget for BIM (and CD) Year 2024 and CIC Construction Digitalisation Award 2024.

Members also agreed with the proposed organising committee of the award as follows:

Chairperson: Ar. Donald CHOI

Members:

- Prof. Jack CHENG, Com-BIM & CD
- Ir John KWONG, Development Bureau
- Mr. Alex HO, CIC
- Dr. Winnie TANG, Smart City Consortium
- Mr. Tony WONG, Innovation, Technology and Industry Bureau

The CIC Secretariat would invite the above organising committee and host meeting for the preparation of the CIC Construction Digitalisation Award 2024.

**CIC
Secretariat**

(EPSW, KWKw & OWMY left the meeting at 3:56pm)

(RNCw re-joined the meeting at 4:04pm)

2.4 Progress Reports on the Committee on Building Information Modelling and Construction Digitalisation

Members took note of Paper CIC/BIM/P/017/23.

GWCK briefed Members on the key points of the progress report of 2023 Major KPIs, 2023 actual expenditure vs budget and the proposed 2024 Major KPIs.

The CIC Secretariat proposed to update the 2023 Major KPI No. 3 “Approve 200 CCBMs and 1,000 CCBCs” with reference to the track record and the “CIC White Paper on BIM Personnel Development in Hong Kong”. Upon deliberation, Members agreed to update the KPI to “**Approve 60 CCBMs, 200 CCBCs and 200 CCBC(A)s**”, which is considered realistic based on records of previous years. The CIC Secretariat would submit a Paper on updating the KPI for approval by the Council in the next meeting to be held in August.

CIC
Secretariat

With reference to the discussion in agenda item 2.3, Members agreed to revise the proposed 2024 Major KPIs No. 3 and No. 10 as “**Approve 60 CCBMs, 300 CCBCs and 300 CCBC(A)s**” and “**Add two more organisations running an in-house CIC-Accredited (CCBM/CCBC) course**” respectively.

(TcyK left the meeting at 4:50pm)

2.5 Progress Updates of the Construction Digitalisation Department (including key events/ projects in coming months)

Members took note of Paper CIC/BIM/P/018/23.

GWCK briefed Members on the progress updates of the Construction Digitalisation Department including key events/ projects in coming months. He highlighted that the CIC BIM SPACE would be transformed to the Digital Twin (DT) Hub. The Grand Opening Ceremony of the DT Hub would be held on 26 July 2023. Members were invited to join the ceremony. Members were also invited to contribute to the DT Hub by providing digital twin solutions for demonstration if appropriate.

(MWWL left the meeting at 4:57pm)

2.6 Progress of the Task Force on BIM Training

Members took note of Paper CIC/BIM/P/019/23.

LLTY briefed Members on the progress of the Task Force on BIM Training (TF-BT).

RNCw briefed Members on the BIM training figures by School of Professional Development in Construction (SPDC).

KWg updated Members that he was closely liaising with the vendor of Tekla Structures and Hong Kong Bar Bending Contractors Association on the license issues and the requirement on training content. The “BIM in Rebar bending and fabrication using Tekla Structure” course was targeted to be launched in 2023. GWck expressed his sincere gratitude to KWg’s support to BIM training for the industry.

2.7 Progress of the Task Force on BIM Personnel Development

Members took note of Paper CIC/BIM/P/020/23.

GWck briefed Members on the progress of the Task Force on BIM Personnel Development (TF-BPD).

JCCp commented that the industry might not fully recognise the newly launched CCBC(A) scheme. He advised the CIC Secretariat to closely monitor the status and outcomes of the CCBC(A) scheme.

**CIC
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GWck supplemented that the CIC Secretariat would arrange a webinar to promote the scheme to the industry practitioners and encourage them to submit the applications on or before 30 September 2023 as the application fee would be waived.

**CIC
Secretariat**

2.8 Progress Report on the BIM Certification and Accreditation Schemes

Members took note of Paper CIC/BIM/P/021/23.

GWck briefed Members on the progress report on the BIM Certification and Accreditation Schemes (BIMCAS).

JCCp shared the comments from the course providers that the enrolment number of training courses was low and the graduates were reluctant to submit their applications to certified as CCBMs/ CCBCs. He recommended the CIC Secretariat to encourage the graduates to submit their applications to become CCBMs/ CCBCs. Meanwhile, he recommended the CIC Secretariat to liaise with professional associations and encourage their members to enrol the CCBM/ CCBC training courses.

**CIC
Secretariat**

SaF agreed with JCCp’s recommendation on encouraging more BIM practitioners to enrol the CCBM / CCBC training courses, which shared same view from the DEVB. She recalled in the last meeting of the BIM Certification and Accreditation Board (BIMCAB) that The Hong Kong Construction Association (HKCA) had submitted a request to the BIMCAB Secretariat to submit applications for accreditation of CCBM/ CCBC in-house training courses. After deliberation, the BIMCAB suggested the HKCA to submit the application for accreditation via the normal route taking into consideration of HKCA’s role in arranging training courses for their company members instead of their staff. SaF suggested the BIMCAB Secretariat to provide necessary assistances to HKCA so as to facilitate the accreditation of their training courses concerned.

GWck explained the application procedure and assessment criteria of the accreditation of CCBM/ CCBC in-house training courses to the Members. The BIMCAB Secretariat would closely work with the HKCA to facilitate their application.

**BIMCAB
Secretariat**

GWck supplemented that one CIC-Accredited BIM Manager and one CIC-Accredited BIM Coordinator Top-up Course offered by HKIC had been accredited in June 2023.

2.9 Progress of the Task Force on Development of BIM-related Digital Solutions

Members took note of Paper CIC/BIM/P/022/23.

AHKK briefed Members on the progress of the TF-DBDS and highlighted the progress of the research proposal “openBIM® Quality Platform - Verification, Assessment & Tracking” approved by Com-BIM on 5 May 2023 by circulation. The proposal was targeted to be kicked-off by July 2023 after the CIC internal process.

JCCp suggested the TF-DBDS to follow up on the identification of the list of practical and applicable digital solutions from the HKIBIM’s BIM Automation Arena 2023 and share the progress update in the next Com-BIM & CD meeting.

TF-DBDS

2.10 Progress of the Task Force on BIM Standards

Members took note of Paper CIC/BIM/P/023/23.

WKCn briefed Members on the progress of the Task Force on BIM

Standards (TF-BS).

JCCp suggested the TF-BS to prepare a timeline for the development of BIM related publications for a holistic view in the future action plan.

TF-BS

To cope with the rapid development of BIM and related technologies, JCCp also suggested the TF-BS to prepare a timeline to review and update the existing BIM Standards if necessary.

2.11 Progress of the Task Force on BIM Submissions to the Buildings Department

Members took note of Paper CIC/BIM/P/024/23.

GWCK briefed Members on the progress of the TF-BSBD.

GWCK supplemented that the TF-BSBD Secretariat had identified some pilot projects as good examples for reference materials. The TF-BSBD would closely liaise with those pilot projects' owners and invite them to share the details with the industry.

JCCp reminded that the "CIC BIM Standards/ Buildings Department Guidelines for Preparation of Statutory Plan Submissions" to be developed under TF-BS should align with the action items of the TF-BSBD.

GWCK supplemented that the TF-BSBD would arrange activities to promote the use of sample models and BIM software-specific templates in the Guidelines published by the BD for their pilot projects. He supplemented that training courses might be offered to practitioners on the usage of the templates.

TF-BSBD

2.12 Any Other Business

a) Updates of the Technical Circular (Works) No. 2/2021

As mentioned by SaF in agenda item 2.3, GWCK shared with Members again the details of the Memo on the Updates of the Technical Circular (Works) No. 2/2021 issued on 13 June 2023 by the DEVB. He encouraged Members to share the updates to fellow colleagues and industry practitioners to raise awareness on the arrangement.

b) The buildingSMART International Standards Summit - Lillestrøm 2023

GWCK introduced the details of the buildingSMART International Standards Summit to Members. He invited Members to participate in this large event and highlighted that Members are entitled to HK\$20,000 of visit subsidy during each 2-year term of office according to the CIC Policy on Members Overseas Visits.

JCCP encouraged Members to join this event and share their event experience in the next Com-BIM & CD meeting. The CIC Secretariat would share the registration details to Members after the meeting.

**CIC
Secretariat**

c) The CIC Master Class in Safety Leadership Culture

RNCW encouraged the Members and their colleagues to enrol the CIC Master Class in Safety Leadership Culture offered by SPDC on 12 July 2023 at the CIC–Zero Carbon Park. The course had been opened for application with targeted applicants who were Project Director or above. The CIC Secretariat would share the details to Members after the meeting.

[Post-meeting notes: The course details and invitation for enrolment were sent to Members by email on 4 July 2023.]

2.13 Date of Next Meeting

The next meeting was scheduled for 26 September 2023 (Tuesday) at 2:30pm at Board Room, 29/F, Tower 2, Enterprise Square Five (MegaBox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong.

All to note

There being no further business, the meeting was adjourned at 5:50pm.

**CIC Secretariat
June 2023**