

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

Meeting No. 001/17 of the Committee on Building Information Modelling (Com-BIM) was held on Tuesday, 21 November 2017 at 3pm at Conference Room, 11/F Cheng Yu Tung Tower, The University of Hong Kong.

Present:	Ada FUNG	(AF)	Chairperson
	CHAN Pat-kan	(PkC)	Council Member
	FU Chin-shing, Ivan	(CsF)	Council Member
	Robert LAM	(RL)	Council Member
	MO Kon-fei, Kenneth	(KM)	Council Member
	PANG Yat-bond	(YbP)	Council Member
	YU Sai-yen	(SyY)	Council Member
	Vitus NG	(VN)	Development Bureau
	Clarice YU	(CY)	Buildings Department
	LIU Kam-ming, Silas (attended by representative)	(KmL)	Planning Department
	CHAN Siu-bun, Ben	(SbC)	Lands Department
	Terrie HUNG	(TH)	Highways Department
	KWOK Wing-cheong	(WcK)	Water Supplies Department
	Eric POON	(EP)	Urban Renewal Authority
	Kelvin WONG	(KW)	Airport Authority Hong Kong
	Edmund CHAN (attended by representative)	(EC)	Hong Kong Housing Authority
	Franki YEUNG	(FY)	Hong Kong Housing Society
	Andrew SIMPSON	(AS)	West Kowloon Cultural District Authority
	SO Ching	(CS)	The Hong Kong Institute of Architects
	Bruce LAW (attended by representative)	(BL)	The Association of Architectural Practices
	Sunny CHOI	(SC)	The Hong Kong Institute of Surveyors
	Clement CHUNG	(CC)	The Association of Consulting Engineers of Hong Kong
	Billy WONG	(BW)	The Hong Kong Construction Association

	Daniel CHONG	(DC)	The Hong Kong Federation of Electrical and Mechanical Contractors Limited
	Benny CHOW	(BC)	Hong Kong Green Building Council
	Neo CHAN	(NC)	Hong Kong Institute of Building Information Modelling
	Miranda LUI	(ML)	Chartered Institution of Civil Engineering Surveyors (Hong Kong Region)
	NG Chun-keung	(CkN)	Hong Kong Institute of Utilities Specialist
	Jack CHENG	(JC)	The Hong Kong University of Science and Technology
	Karen CHENG	(KC)	Architectural Services Department
	Steve ROWLINSON (attended by representative)	(SR)	The University of Hong Kong
	FUNG Siu-man	(SmF)	The Chinese University of Hong Kong
	WONG Sek-cheung	(ScW)	Electrical and Mechanical Services Department
	Eric LIU	(EL)	Vocational Training Council
In Attendance :	CHAN Ka-kui	(KkC)	CIC Chairman
	CHENG Ting-ning, Albert	(TnC)	Executive Director (CIC)
	Henry FUNG	(HF)	Director – Industry Development (CIC)
	Alex HO	(AH)	Senior Manager – Building Information Modelling (CIC)
	David MAK	(DM)	Consultant – Building Information Modelling (CIC)
	Samuel WONG	(SM)	Lecturer (CIC)
	Chris WONG (Secretary)	(CW)	Senior Officer – Research & Development (CIC)
Apologies:	Stephen LAI	(SL)	Council Member
	Lawrence NG	(LN)	Council Member

WONG Nai-keung, Philco	(NkW)	Council Member
Anthony TSANG	(AT)	Drainage Services Department
Andrew WONG	(AW)	Hospital Authority
Calvin FU	(CF)	The Hong Kong Institution of Engineers
Andrew CHAN	(AC)	Hong Kong General Building Contractors Association
Sammy NG	(SN)	buildingSMART Hong Kong
LI Heng	(HL)	The Hong Kong Polytechnic University
LAM Kin-chung	(KcL)	Civil Engineering and Development Department

## **PROGRESS REPORT**

### **Action**

#### **1.1 Introduction of Committee on BIM & Achievements of the Task Force on BIM**

Members took note of the Paper CIC/BIM/P/001A/17 and CIC/BIM/P/001B/17.

#### **1.2 Membership of the Committee**

Members took note of the Paper CIC/BIM/P/002/17.

#### **1.3 Publication of the BIM Standards to Facilitate the Submissions of General Building Plan (GBP) to Statutory Authorities (Phase One) as Reference Material**

Members took note of the Paper CIC/BIM/P/003/17. English version of the report has been published on the CIC's website.

#### **1.4 Work Plan 2018 and its Budget**

Members took note of the Paper CIC/BIM/P/004/17.

The Work Plan focus on the following four areas:

1. Establish BIM Standards;
2. BIM Awareness Program;
3. Conduct BIM Training;
4. BIM Innovation and Development Centre

AH elaborated on the Work Plan with slides shown in Annex A.

Members raised no further comment. The 2018 Work Plan and Budget were endorsed.

#### **1.5 BIM Training Plan 2018**

AH briefed Members on the paper CIC/BIM/P/005/17 regarding CIC's BIM Training Plan 2018.

Under the Training Plan, CIC would organise a total of 68 day-time and night-time BIM training classes, which is more than three times of 2017's total training classes to meet the increasing training demand in 2018. Apart from the existing basic and advanced modelling training courses, new courses including BIM Management, BIM Object Development and BIM Basic Modelling (Civil) would be launched.

Training places equivalent to ten classes of day-time BIM Basic Modelling Courses and three classes of each day-time BIM Advanced Modelling Courses would be allocated to the consultants and contractors of the eligible Government capital projects in Works Departments under Development Bureau (DEVB), the rest would be open for public enrolment.

For other BIM training courses available in Hong Kong, AH presented a list of BIM Training Courses that are published on the websites of related service providers. However, the list was not exhaustive as there were service providers who may not conduct regular classes or offer tailored training service for customers. Chairperson recommended Members to provide CIC the information if they found courses not on the list.

Members

Chairperson stressed the importance of train-the-trainers training as sometimes trainers with competent skill level might not be good at teaching. NC agreed and replied that HKIBIM would support CIC in providing BIM training by providing train-the-trainers training and advise the latest training needs in the market.

Chairperson asked about the training situation in universities. Members replied that different universities might have different approaches, but in general they would consider launching new courses to meet the needs. It is therefore important to keep the universities updated on the training needs in Hong Kong. TnC agreed and added that CIC would collaborate with local universities in developing BIM training courses for universities students. It was targeted to launch pilot training courses in 2018. The developed training materials could be shared among universities at the later stage.

CIC  
Secretariat

Members further discussed about the measures of increasing training capacity and their training experience such as:

- a) Cooperation among different BIM training providers on the sharing of training facilities;
- b) Exploring online training opportunities;
- c) Including more real project experience into the training;

- d) Equipping existing professionals with BIM knowledge, especially on transforming from a 2D CAD to BIM perspective;

Members also discussed about the main driving forces on BIM uses which include:

- a) BIM adoption of regulators;
- b) The real benefits of BIM applications

Members discussed about the types of training course that the market was urgent in need. The following types of training were highlighted:

- a) BIM training in civil discipline;
- b) BIM awareness training;
- c) Training on common BIM viewers

Apart from training, TnC also highlighted the importance of incentives for the industry in BIM adoption and invited members to express their views. Members suggested CIC to examine the possibilities of supporting the industry via financial aids. Reference could be taken from other country like Singapore in which there was financial support scheme for SMEs to apply to support the adoption of BIM.

The BIM Training Plan 2018 was endorsed.

## 1.6 **Setting up of Two Task Forces**

Members took note of the Paper CIC/BIM/P/006/17 in setting up of the two Task Forces: Task Force on Training and Task Force on BIM Standards (Phase 2).

The Task Force on BIM Training was setup under Com-BIM to advise the Committee on the training strategies and implementation actions to meet the training needs of the industry. Mr. Clement Chung was nominated as the Chairman and members would be invited afterward.

The Task Force on BIM Standards (Phase 2) was setup under Com-BIM to advise the Committee on the preparation of BIM Standards to meet the needs of the industry. Dr. Jack Cheng was nominated as the Chairman and members would be invited afterward.

The setting up of the two Task Forces and nomination of Chairmen were endorsed.

**1.7 BIM Modelling and Production of BIM Object Guide**

The Consultant presented the draft BIM Objects Development Guide to the members and feedback were received. Consultant would review and revise the Guide.

Consultant

**1.8 Any Other Business**

**CIC Construction Innovation Award Presentation Ceremony and BIM Conference 2017**

The one-day event would be held on 15 December 2017. There would be two sessions: Sharing sessions of the Award winners and the Award Presentation Ceremony would be held in the morning and during lunch time; while the BIM conference would be held in the afternoon. Local and overseas speakers of renowned projects would share their experience on BIM implementation. Members were invited to participate in the event.

**Wish List**

AH briefed Members on the summary of the wish list contributed by the Members before the meeting. Top twelve points were summarized on the list. The list is included as Annex B.

**Signing of Code of Conduct**

Members were reminded to sign an acknowledgment form on the CIC's Code of Conduct and return to CIC before for record before next meeting. A copy of the Code of Conduct and its Acknowledge form are included as Annex C and Annex D respectively.

Members

**1.9 Next Meeting**

The 1st meeting in 2018 would be held on Tuesday, 27 February 2018 at 2:30 p.m. at the Conference Room, 11/F Cheng Yu Tung Tower, The University of Hong Kong.

There being no further business, the meeting adjourned at 6:00pm.