

BIM

Certification and Accreditation Stakeholder Engagement

BIM Certification and Accreditation Schemes – Stakeholder Engagement

AGENDA

1. Background
2. Objectives
3. Certification of BIM Professionals
4. Accreditation of BIM Training Course
5. Your Concerns and Suggestions

BACKGROUND

CIC

- Roadmap for BIM Strategic Implementation (2014) – one of the Key Initiative is to expedite the building up of BIM capacity and capability. (Initiative F.2)
 - Within Initiative F.2, CIC was planning to setup a new service named **Registration and Accreditation Service** to accredit BIM training programme/course according to specified training ladder; and register professional qualification of BIM professionals.
- On 24 August 2018, CIC Council approved CIC to establish itself as a **certification body for BIM personnel** and an **accreditation body for BIM courses** in Hong Kong.
- CIC carries out stakeholder engagement forums to develop assessment criteria in the key processes.

OBJECTIVES

Certification of BIM Personnel

1. Set standards and ensure relevant construction professionals and other personnel will have the prerequisite skill levels and competency in using BIM technology to meet the industry's needs;
2. align the functions of BIM personnel (in particular, BIM managers) with the industry's needs, CIC BIM Standards and DEVB's requirements on BIM personnel; and
3. uphold the quality of BIM personnel in meeting the industry's needs.

OBJECTIVES

Accreditation of BIM Courses

1. to ensure the scope and quality of BIM courses offered would meet the industry's needs.
2. to uphold the quality of BIM courses in meeting the industry's needs
3. to facilitate practitioners to obtain certification by CIC.

DRAFT

Certification of BIM Personnel

Proposed Scheme (DRAFT)	Member Type
	BIM Manager
1. Professional and Academic Qualification	(a) corporate membership of an appropriate professional institution; OR (b) min. 5-year relevant post-qualification experience + degree or equivalent in a relevant field (such as architecture, building, construction or engineering)
2. BIM Training	Successful completion of BIM course accredited by CIC
3. BIM Experience	A minimum of 2 Years practical experience in the management of BIM projects
4. Assessment	Exam + Portfolio + Interview (TBD)
5. CPD	(TBD)
6. Re-certification	(TBD)
7. A BIM Certification and Accreditation Panel (BIMCAP) comprising CIC staff members and industry experts would be set up to carry out the assessment and recommend the certification.	

DRAFT

Accreditation of BIM Courses

Proposed Scheme / Assessment Criteria (DRAFT)

Accreditation of BIM courses to facilitate practitioners in obtaining certification by CIC as BIM Managers.

1. Particular of the operator – organisation structure, corporate governance, legitimacy of training premises, standard of hardware and software, and adequacy of financial resources (for commercial operators).
2. Information about the BIM Course – the course content, course learning outcomes, course duration and qualification requirements of students admitted to the course.
3. Assessment Method – coursework, test and/or examination.
4. Qualification and experience of the teaching staff in BIM projects.
5. A BIM Certification and Accreditation Panel (BIMCAP) comprising CIC staff members and industry experts would be set up to carry out the assessment and recommend accreditation.

Implementation Strategy

Initial Stage

- Entry requirement for certification of BIM managers will be set at an appropriate level in order to facilitate the growth of BIM implementation in Hong Kong.

Benchmarking

- CIC would make reference to international practices and invite international BIM experts to provide advice to CIC in our certification and accreditation work.

Incremental Improvement Approach

- Through Recertification/CPD of BIM manager and Reaccreditation of BIM courses (upon industry consensus for improved standards in the future).

Certification of Other BIM Roles

- Certification of personnel serving in other BIM roles such as BIM coordinators and reciprocal arrangement with academic institutions and professional bodies may be considered later taking into consideration the industry's needs.

Your views in Certification and Accreditation

Certification of BIM Personnel

1. Assessment criteria?
2. Assessment method?
3. Grandfather arrangement?
4. Grace period?
5. Composition of Assessment Panel?
6. CPD?
7. Re-certification?
8. Any other suggestions?

Your views in Certification and Accreditation

Accreditation of BIM Courses

- Desired BIM management/manager course content?
- Assessment criteria?
- Assessment method?
- Course must has examination?
- Onsite inspection?
- Composition of Assessment Panel?
- Re-accreditation?
- Any other suggestions?

Thank You

