



Quantity Surveying Division
Sr Tim Ngai QSD Council Chairman

Discussion of Contractual BIM with DevB and ACQS (26 February 2024)

On 26 February, Sr Sunny Choi, Chairman of the QSD Digitalisation Sub-committee, and three members of the Sub-committee (Sr Dr Paul Ho, Sr Katherine Shum, and Kelvin Kuo) met with DevB representatives Mr Alan Tang [PAS (Works)], Mr Alfred Lee [CAS (Works)], and Ms Sandy Fong [AS (Works Policies 3)] to discuss the goal of including BIM models in tender information and making them contractually binding. This goal was outlined in the DevB Technical Circular (Works) 2/2021 (updated on 13 June 2023).

Sr William Fong, Chairman of the Association of Consultant Quantity Surveyors (ACQS), and four members (Sr Thomas Ho, Sr Peter Ng, Sr Kenneth Poon, and Sr KC Tang) joined this discussion.

Both the QSD and ACQS support the implementation of contractual BIM, as it promotes the creation of high-quality BIM models. The discussion encompassed several topics including the potential for increased liability for designers and BIM model authors, the necessity of implementing BIM by phase or discipline, the inclusion of additional drawings in BIM projects, the determination of bounded and unbounded information within BIM models, etc.

QSD CPD: 澳門建築置業商會 (MABCD), 英國特許土木工程測量師學會 (ICES) 及香港測量師學會工料測量組合辦 - 碲化鎢助力低碳建築發展新模式 (2024年2月28日)

這個持續專業發展項目，是工料測量組在2024年第一個於澳門舉辦的課程。在課程開始前，澳門建築及置業商會副理事長黃國基先生，英國皇家特許土木工程測量師學會理事長劉秋瑜測量師，以及工料測量組內地及澳門小組成員陳國偉測量師，代表三個合辦單位向牛改宇博士致謝及合照。

牛改宇博士是明陽智能副總經理，其擁有超過10年光伏技術應用工作經驗，過往曾經參與編制國家/行業/團體標準的經驗。是次課程，牛博士先分享了碳排放的背景和碳中和的理念，隨後也概述了光伏及碲化技術的發展路線、應用和解決方案。最後，牛博士也分享了一些建築項目案例，並在問答時段解答了會員多個包括低碳建築發展新模式等的問題。



HKIS Green Building Task Force CPD: Embodied Carbon Assessments (8 March 2024)

Carbon emissions have become a hot topic in Hong Kong's construction industry. Sr Anderson Chan and Sr Kevin Wong delivered a CPD on embodied carbon assessment on 8 March. Anderson is the Director of Rider Levett Bucknall Limited and a fellow member and Chairperson of the QSD Sustainability Sub-Committee. Kevin is the Deputy Director of Rider Levett Bucknall Limited and a co-opted member of the QSD Council.

During the talk, Anderson and Kevin promoted QS involvement in embodied carbon assessments and shared their experiences supporting clients in their sustainability journeys by calculating embodied carbon emissions throughout the life cycle. They also demonstrated the key functions of the CIC carbon assessment tool (CAT), which is crucial for conducting embodied carbon assessments in Hong Kong.

Over 500 members joined this CPD. When it concluded, Past QSD Chairman Sr Dr Daniel Ho facilitated discussions among members and presented a certificate of appreciation to the speakers.



第四批內地造價工程師與香港工料測量師互認補充協議簽署儀式

本次簽署儀式旨在進一步加強中國建設工程造價管理協會(下稱「中價協」)與香港測量師學會(下稱「學會」)之間的合作與交流。儀式於2024年3月13日上午通過視頻方式舉行，雙方代表共同在線上簽署了《中國建設工程造價管理協會與香港測量師學會內地造價工程師與香港工料測量師互認補充協議》。

雙方出席簽署儀式的代表包括：

香港測量師學會		中價協	
林家輝測量師	學會會長	王中和先生	副理事長兼秘書長
魏志衡測量師	工料測量組主席	薛秀麗女士	副秘書長
文志泉測量師	工料測量組前主席	張興旺先生	副秘書長
莊學正測量師	工料測量組理事兼內地及澳門小組成員	李成棟先生	副秘書長
		朱寶瑞先生	會員服務部主任





此次補充協定是繼 2005 年、2009 年、2015 年和 2017 年之後簽署的最新協定。通過補充協議的簽署，進一步擴大了互認的範圍和深度，為內地造價工程師和香港工料測量師提供更多合作和交流的機會。

此次簽署儀式的成功舉行標誌著中價協與學會的合作邁上了新的台階，而通過互認補充協定的簽署，將進一步促進兩地工料測量領域的合作與交流，提升行業專業水準。就本次第四批互認，雙方還需要就互認培訓，包括課程、講者、場地等事宜作進一步討論，請各位會員繼續密切留意工料測量師組網站以及《Surveyors Times》的最新消息。

PAQS Webinar: The Evolving BIM Journey of Quantity Surveyors in Hong Kong and the Path Ahead (14 March 2024)

During the Joint Online Webinar dated 14 March and hosted by the PAQS Research & Digitalisation Committees, QSD Immediate Past Chairman Sr Sunny Choi delved into the dynamic landscape of quantity surveying in Hong Kong. His presentation centred on the transformative impact of BIM on the surveying profession. The following key points were addressed:

1. Construction Boom and Digitalisation Drive

- Anticipated construction activity in Hong Kong over the next decade.

- The Government's commitment to digitalisation in construction for enhanced productivity, quality, cost-effectiveness, and safety.
- BIM as a pivotal tool for achieving these goals.

2. The BIM Journey of Quantity Surveyors

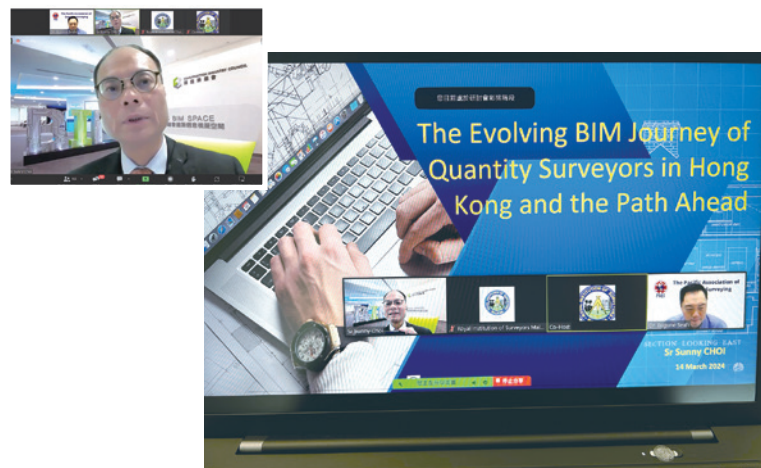
- Evolution of BIM adoption by quantity surveyors in Hong Kong since 2010.
- Progression from traditional 3D BIM to more sophisticated 5D BIM and BIM Quantity Takeoff (BIM QTO).

3. QSD's Ongoing Advocacy

- The QSD's efforts in promoting BIM adoption to the QS community.
- Hosting International QS BIM Conferences in 2013 and 2017.
- Playing a pivotal role in launching the HKIS BIM contract conditions in 2020 and defining the BIM measurement information requirements in 2023.

4. The Way Forward (Strategic Imperatives for Quantity Surveyors)

- Embrace Digitalisation: Integrate digital tools into learning and work processes.
- Revamp Practices: Adopt quantity surveying methodologies that align with technological advancements.
- Collaborate Across Disciplines: Establish BIM information standards through collaboration with other professions.



**PAQS Research & Digitalisation Committees
Joint Online Webinar**

The Evolving BIM Journey of Quantity Surveyors in Hong Kong and the Path Ahead



In the realm of the construction industry in Hong Kong, Quantity Surveyors embarked on their Building Information Modelling (BIM) journey in 2010. Since then, they have acquired expertise in parametric modelling, BIM family objects, parameters and scheduling, quantity take-off (QTO) software, and scripting. However, the digital revolution has introduced new frontiers beyond BIM, such as Modular Integrated Construction (MIC), robotics, digital work supervision system (DWSS), smart site safety system (4S), and the Internet of Things (IoT). This presentation delves into the progress made by Quantity Surveyors in their BIM journey, exploring their achievements in fostering collaboration with other disciplines. It also sheds light on ongoing advancements and the way forward, as Quantity Surveyors continue to adapt and embrace digitalization in Hong Kong's construction landscape.



Sr Sunny CHOI
FRICS, MRICS, MRSCM, MBA, FRACIBSM
CIC Certified BIM Manager
Chairman of Digitalisation Committee, PAQS
Chairman of the QS Division FRIS, 2021 - 2023

14.03.2024 (THURSDAY)
12.30PM to 2.00PM (C.N., H.K., M.Y. AND S.G. TIME)
ONLINE WEBINAR VIA ZOOM

CONTACT US FOR REGISTRATION 



PAQS 2024 Annual Congress

The Institution of Surveyors, Engineers and Architects, Brunei (PUJA), in collaboration with the Pacific Association of Quantity Surveyors (PAQS), will host the 27th PAQS Annual Congress at Rizqun International Hotel, Brunei, from 23-27 August 2024.

The PAQS Congress 2024's main theme is "Digitalisation towards a Smart Nation". It invites authors to submit abstracts for papers to be presented at the Congress. The deadline for abstract submissions is 30 April 2024. For more details, please visit the following URL:

<https://www.paqs2024.com/submission-abstracts-and-papers/>.

Again, the PAQS-Iwata Foundation will sponsor an international essay contest for PAQS member countries' younger members. The competition focuses on the same topic as that of the PAQS Congress 2024. Submissions are currently being accepted until 27 June 2024. Members who are 40 years old or under are strongly encouraged to join this competition.



The PAQS-Iwata Foundation 2024 Travelling Scholarship Competition

The Pacific Association of Quantity Surveyors established the PAQS-Iwata Foundation in 2008 for the purpose of promoting the QS profession and the professional development of young quantity surveyors in the PAQS region. The Foundation is now sponsoring an international essay competition for young members from PAQS member countries.

The competition winner will receive travel airfares, 3 nights' accommodation and full registration for their attendance at the next PAQS Annual Congress which will be held from 23rd - 27th August 2024 in Brunei Darussalam.

Entries for the competition are now being accepted and will close on **Thursday, 27th June 2024**. Properly completed essays should be emailed to the PAQS Secretariat at secretariat@risim.org.my

Entries will be judged by an international PAQS-Iwata Foundation panel who will announce the result by **19th July 2024**. The panel's decision is final.

The topic for the essay competition for 2024 is

"DIGITALISATION TOWARDS A SMART NATION"

Conditions of entry:

1. Entrants must be 40 years of age or younger and be a member of their national QS/Cost Engineering Institute (all grades of members are eligible).
2. The essay must have a cover sheet showing the entrant's name, residential address, email address and the member institute/association to which they belong.
3. The length of the essay is to be between 1,000 to 1,500 words and essays must be typed in accordance with the below rules.
4. All competition entrants agree to give the PAQS copyright for their essays.
5. Any plagiarism by an entrant will result in disqualification of the entry.
6. Entrants agree that if they win the competition, they will attend the PAQS Congress (and present their paper if invited to do so by the Congress committee).
7. The award is not transferable and not convertible to cash.
8. The winner agrees to write and submit a one (1) page report on their attendance at the PAQS Congress to the PAQS Secretary within 4 weeks of attending the Congress - this report may be published in the PAQS Newsletter and member journals/newsletters.
9. Entries must be emailed to the PAQS Secretariat at secretariat@risim.org.my by the closing date.
10. PAQS member institutes will be asked to translate essays into English where they have been submitted in another language.
11. Each entrant is only allowed to submit one (1) paper.
12. A person is only allowed to win this competition twice.

Rules for essay writing and submission - entries are to be:

1. typed in a MS Word compatible program
2. with type font being Arial size 11
3. lines are to be double spaced
4. Headings are to be Arial size 16, centred and bold
5. Sub headings are to be Arial size 12, left indented and bold
6. Footnotes and referencing are to be in accordance with the Harvard system eg: Smith, T. and Tang, H. (2006). *The rise of globalisation in the QS profession*. *Australasian Journal of Quantity Surveying* Vol 4 Issue 2, pp 34-36.

Note:
The PAQS-Iwata Foundation has been named in honour of Mr Toshiyuki Iwata (1914 - 2014) who although in his eighties, attended many PAQS Congresses during the very early days of the association. He attended a few congresses well into his nineties. During the 13th PAQS Kuala Lumpur congress in 2009, he gave a televised congratulatory message to the 2009 PAQS-Iwata Foundation essay winner.

New Members' Welcoming Party (12 April 2024)

The QSD New Members' Welcoming Party, scheduled for 12 April 2024 (Friday), should be an eagerly-anticipated event for newly-qualified quantity surveyors. It will allow the QSD Council to extend a warm welcome to the QSD's newest members, celebrate their achievements, encourage connections and dialogue, exchange perspectives on the surveying profession and industry, and promote their interests during future QSD and HKIS activities.

Date: 12 April 2024, Friday
Time: 7:00-10:00 pm
Venue: Function Room 1-3, 3/F, The Mira, Mira Place, 118 Nathan Road, Tsimshatsui
Activities: Socialising & Relaxing
Fee: Free for newly-qualified QS members (refreshments will be served)