



## **Chairman's Report (Session 2024 – 2025)**

### **Building Services Division**

As the post-Covid era continues to reshape the global and Hong Kong landscapes, the role of HKIE and its divisions becomes increasingly important in supporting our industry to overcome the challenges by promoting innovation, sustainability, and collaboration with overseas and Mainland China.

With the tremendous support provided by the committee members, observers, helpers, and various professional institutions and partners, the Building Services Division (BSD) in Session 2024/2025 had a busy and fruitful year. I would like to highlight the key activities as follows:

#### **1. Technical Continuing Professional Development Activities**

##### **(a) Joint Technical Seminar/Visit with CIBSE-HKR and ASHRAE-HKC**

- Joint Technical Visit to ABB Smart Power Manufacturing Unit in Xinhui on 14 September 2024
- Joint Technical Seminar on Introduction to New Edition of Fresh Water Cooling Towers Scheme on 30 September 2024
- Joint Technical Visit to Kai Tak Sports Park (KTSP) on 22 November 2024
- Joint Technical Seminar on Combustion System in Cremators on 05 December 2024

- Joint Technical Seminar on Development of a Humanized Adaptive Baseline Information Technology (HABIT) System for MVAC Control on 20 January 2025
- Joint Technical Seminar on Award of Engineering Excellent in 2025 - ASHRAE Technology Award Sharing : Element on 31 March 2025
- Joint Technical Seminar on Smart Construction Technologies on 31 March 2025
- Technical Seminar on Sustainable Operations in Data Centre on 01 April 2025

**(b) Joint Technical Seminar/Visit with other HKIE Divisions and Institutions**

- Joint Technical Seminar on Introduction to New Edition of Fresh Water Cooling Towers Scheme (together with MMNC, AMC, EVD and EGD) on 25 Oct 2024
- Technical Visit to Hyperbaric Oxygen Therapy (HBOT) Centre in PYNEH (together with BMD) on 07 December 2024
- Joint Technical Seminar on Green Solution to Air Handling Equipment Retrofitting Project and Related Digitalisation Management (together with AMC and EVD) on 16 December 2024
- Technical Visit for Sustainable Construction at Lee Garden Eight (together with BUD) on 08 March 2024
- Webinar on Introduction of the Registered Fire Engineer Scheme (together with FD and MMNC) on 19 March 2024

**(c) Joint Technical Seminar/Visit solely by HKIE-BSD**

- Technical Visit to the Henderson on 21 December 2024
- Technical Visit to New Block Extension of Queen's Mary Hospital on 11 January 2025
- Technical Visit to Daya Bay on 29 March 2025
- WIE Workshop to be held in April 2025
- Technical Visit to Midea Manufacturing Factory in Shunde to be held in May 2025
- Technical Visit to Macau to be held in May 2025

**(d) Major Joint Institutions Technical Events**

- China Joint Symposium 2024 at Kunming (together with CIBSE-HKB, ASHRAE-HKC, PolyU-BEEE )
- Joint Comprehensive Certificate Course on Sustainable Plumbing and Drainage System 2024 (together with BSOMES, CIBSE-HKB, CIPHE-HKB, HKPSWTA)
- Hong Kong Joint Symposium (HKJS) 2024 (together with CIBSE-HKR / ASHRAE-HKC)

- BS One Day Seminar 2025 (together with PolyU- BEEE)
- International Water Pioneers Summit 2025 (together with CIWEM-HK, CIPHE-HKB, and WSD)

**(e) Other Joint Institutions Activities**

- 2024 年深圳市勘察设计行业协会暖通分会年会 - 暨粤港澳大湾区高效空调系统及区域供冷国际论坛 (together with EMSD and other various HVAC organisations from Mainland) on 05 November 2024
- Joint Webinar – From Apprentice to Engineer, Building the Path to Success “從學徒到工程師 - 建設成功之路” 網上研討會 (together with VTC, CLP, EMSD) on 07 November 2024
- Joint webinar on Property Management Industry Licensing Regime and Regulatory Measures (together with PMSA, BUD and FD) on 11 February 2025

**2. Activities to enhance Member’s Role and Professional Standing**

BSD Committee Members actively served society with the aim of providing our professional knowledge to various sectors. We have successfully nominated members to various external Taskforces, Working Groups, Government’s Consultation Boards, Panels, and Committees. Some of the nominations are highlighted below:

No	Organisation	Board/ Committee
1	Buildings Department	Registered Inspectors’ Disciplinary Board Panel under Section 5A of the Buildings Ordinance, Cap 123
2		Task Force for Consultancy Study on Adopting Building Information Modeling (BIM) for Statutory Submissions under Buildings Ordinance (BO)
3		Fire Safety Committee (FSC) and Advisory Committee for Fire Safety Ordinances (ACFSO)
4	Fire Services Department	Advisory Committee (AC) under Fire Safety (Buildings) Ordinance, Cap 572
5		Advisory Committee (AC) under Fire Safety (Industry Buildings) Ordinance, Cap 636
6	Electrical and Mechanical Services Department	Disciplinary Board Panel under the Lifts and Escalators Ordinance, Cap 618
7		Appeal Board Panel under Energy Efficiency (Labelling of Product) Ordinance, Cap 598

8		Appeal Board Panel under District Cooling Services Ordinance, Cap 624
9		Examination Committee for Registration as a Grade C Electrical Worker
10		Examination Committee for Registration as a Grade B Electrical Worker
11		Disciplinary Tribunal Panel under the Electricity Ordinance, Cap 406
12		Appeal Board Panel under the Buildings Energy Efficiency Ordinance (BEEO), Cap 610.
13		Technical Task Force (TF) and Working Groups (WG) for Building Energy Code (BEC) and Energy Audit Code (EAC) Review
14	Development Bureau	Appeal Board Panel under the Construction Workers Registration Ordinance (CWRO) (Cap 583)
15	Construction Industry Council	Youth Affairs Committee
16	Water Supplies Department	Continuing Professional Development (CPD) Course Panel under Advisory Board on Licensing of Plumbers (ABLP)
17	Vocational Training Council	Electrical and Mechanical Services Training Board
18	Social Worker Registration Board (SWRB)	Assessment Panel of Social Worker Registration Board (SWRB)
19	Home and Youth Affairs Bureau	Appeal Board Panel of the Amusement Rides (Safety) Ordinance
20	Highway Department	Review Panel under the Land (Miscellaneous Provisions) Ordinance

### **Cooperation with local Universities, Government Departments and peer Institutions**

BSD actively engaged in various activities led by local universities, government departments, and peer institutions. These activities included joint efforts as co-organizers and supporting organizations, attending coordination meetings, providing feedback/advice, and collaborating on research studies with mutual interests.

- BSD joined with CIBSE-HKR, ASHRAE-HKR and CIPHE-HKB and attended the Hong Kong Polytechnic University – Department of Building Environment and Energy Engineering (BEEE) Pop-up sharing workshop on 20 September 2024
- BSD participated in CIBSE UK delegation’s visit to HKIE HQ on 20 November 2024. The visit was led by CIBSE’s President Elect and Chief Executive Officer along with their representatives.

- BSD joined with CIBSE-HKR and ASHRAE-HKC and attended the Communication Meeting with ArchSD on 25 March 2024.
- Meetings with Housing Burer to provide feedback on the proposed Regulatory Regime on Basic Housing Units (BHUs).
- Participate as one of judging panel members in Building O&M best practice 2024 organized by EMSD
- Meetings with FSD to provide feedback on streamlining the submission and inspection procedures in order to enhance the efficiency of building construction
- Meeting with DevB to provide feedback on construction cost control measures

### **3. The Excellent Building Award**

After the huge success of the 1st Excellent Building Award (EBA) organized by the Building Services Division in 2023, the division has confirmed to hold the next EBA in 2026. This award aims to encourage and reward excellent building projects that adopt advanced or highly effective building services to achieve excellence.

The organising committee and assessment panel members of the EBA have been established. Preparation is progressing well, and the application process will begin in August 2025.

### **4. Nurturing the Youth**

Nurturing young talents continues to be one of the main commitments of BSD. The following programme and activities were organized to enhance the involvement and communication with young engineers and students:

- **#ConnectWithBSD School Programme**

The #ConnectWithBSD is our major school programme launched last year by the Building Services Division. It aims to attract new talents to the engineering profession, encourage the younger generation, especially secondary students, to consider pursuing a career in the engineering field, and provide a platform for university students for early engagement with the engineering industry. We have continued to deploy this program in the session of 2024/25 in collaboration with local universities HKU, PolyU, CityU, MU, VTC, THEi, SLG, and 6 secondary schools. BSD has organized school talks, information days, career

talks, and outings to promote building services engineering and cultivate more local engineering talents.

- **Student Liaison Group (SLG) and HKIE Student Chapter**

BSD has maintained a close link with the students studying Building Services Engineering in all tertiary institutes through our Student Liaison Group (SLG). SLG had organized a lot of activities including promotion talks, presentation competitions, career talks, and experience sharing delivered by various BSD representatives from different sectors of the engineering industry to nurture the youngsters as well as provide friendly guidance via social activities. BSD actively engaged in various student activities led by SLG and the HKIE Student Chapter, including:

- Smart Building Technologies: Enhancing Sustainability through AI & IoT on 8 November 2024
- SLG Presentation Competition on 18 January 2025
- SLG Career talk on 28 February 2025
- SLG Company visit on 7 April 2025

- **Scholarships and Outstanding Student Awards**

To encourage more students to study building services engineering while acknowledging their academic achievements and involvement in engineering society activities, scholarships will be awarded to students from different universities, THEi, and IVE. The Outstanding Student Awards 2024 will be arranged in May 2024, with 5 scholarships to be awarded.

## **5. Social Activities**

A Yoga Workshop was held on 10 February 2025 and was well received by participants of all genders.

A Joint Institution Sport Tournament (Padel) and networking lunch was held on 1 March 2025 which was jointly co-organized by the Building Services Division of the Hong Kong Institution of Engineers (HKIE-BSD) with other three Institutions (ASHRAE-HKC, CIBSE-HKR and IFE-HK Branch).

BSD participated in the Bowling Competition held on 22 March 2025 organized by HKIE HQ. This event was a highly engaging and enjoyable social sports activity.

Women in Engineering event will be held on 30 April. This a fun event to allow female engineers to share their valuable experiences working in our industry.

The HKIE BSD Anniversary Dinner 2025 will be held on 16 May 2025 at JW Marriott Hotel. Mr. TAI Sheung Shing, Victor, JP, Under Secretary for Housing, was invited as the Guest of Honour of Anniversary Dinner.

## **6. Promote Engineering to the Public**

BSD has continued to actively use our social media platforms to communicate with the public. In addition to using these platforms to promote our various activities, we have also used them to promote the professional image of our Building Services Engineering.

Since the launch of our social media platforms, including Instagram, Facebook, and LinkedIn, in 2023, public attention and awareness of our activities have gradually increased over the year. We will continue to create content to share our knowledge and value stories with the public to promote our professional image..

## **7. Connection with Greater Bay Area, Mainland and Oversea**

BSD has committed to further strengthening collaboration with professional bodies in the Greater Bay Area, other Chinese cities, and overseas to promote Hong Kong's unique advantages in the Building Services Engineering field. In this session, BSD has participated in the following activities:

- China Joint Symposium 2024 at Kunming on 01 July 2024
- 香港工程師學會分部主席廣西考察團 organized by HKIE held on 26-30 October 2024
- Meeting with CIBSE UK delegation's visit to HKIE HQ on 20 November 2024
- 暨粤港澳大湾区高效空调系统及区域供冷国际论坛 held on 05 November 2024
- Technical Visit to Daya Bay 29 March 2025
- 第三届海峡两岸暨港澳城市建设与持续发展论坛 held on 30 October 2024
- International Water Pioneers Summit held on 1 April 2025
- Technical Visit to Macau to be held in May 2025

## **8. Conclusion**

In summary, this session was a fruitful and eventful year. I would like to take this opportunity to express my heartfelt gratitude to all Committee Members, Observers, Helpers, Student Liaison Group Committee Members, Co-opted Members, and colleagues from peer Divisions and Institutions for their dedicated efforts and significant contributions to the success of our activities.

**Ir Jimmy Li**

**Chairman, Building Services Division**

**Session 2024 – 2025**

April 2025