

Annual Report of HKIE - Gas & Energy Division (Session 2025-2026)

As Chairman of the HKIE Gas & Energy Division, I am pleased to present the annual report for the 2025-2026 session. This report highlights the Division's activities and achievements over the year and reflects our continued commitment to advancing gas and energy engineering through professional development, technical exchange, industry collaboration, and public outreach.

1. Overview of Activities

During the 2025-2026 session, the Division delivered a comprehensive programme of technical talks, training courses, conferences, and technical visits. We placed strong emphasis on practical training, technical exchange, and collaboration with partner organisations. The activities summarised below are those where the Gas & Energy Division served as organiser, co-organiser, or supporting organiser.

2. Key Initiatives and Events

(a) Major Conferences and Forums

Our Division co-organised conferences and forums to showcase future energy applications and sustainable innovation, strengthening knowledge exchange and collaboration across the sector.

- **“New Era of Hydrogen Energy Development” Conference**
16 & 25 September 2025

This conference focused on hydrogen energy development trends and technologies, bringing together over 200 industry professionals to discuss hydrogen production, storage, distribution, and policy frameworks.

- **“New Era of Energy Usage” Annual Conference**
6 March 2026

These experts shared valuable insights into the future of energy and sustainable innovation. Attended by over 100 participants, this landmark event is set to become the flagship initiative of the Division, fostering meaningful knowledge exchange and collaboration across the industry.

(b) Training and Professional Development

It focused on strengthening technical competencies in energy efficiency and building services engineering. Through structured professional courses and specialist CPD sessions, these activities enhanced practitioners' expertise in measurement and verification as well as carbon audit.

- **Certified Carbon Auditor Training Course**
3-6 December 2025

To train and understand the audit process and to acquire the necessary skills to conduct professional carbon audits

- **Professional Course on Energy Efficiency Performance Measurement and Verification Analyst (PMVA)**

25, 27 & 30 March 2026

To elevate technical competence in measurement & verification methodologies, the PMVA course supported credible energy savings reporting and project delivery.

(c) Local Technical Visits and Overseas Delegations

The technical visits and overseas delegations provided members with first-hand exposure to advanced energy research, emerging technologies, and real-world project implementation across Mainland China and the region. These activities enhanced professional insight and strengthened knowledge exchange on the latest developments in the energy sector.

- **Technical Visit: Gas & Renewable Energies in Shandong**

8–12 October 2025

The visit provided with valuable exposure to Mainland China's rapid advancements in gas, hydrogen, and renewable energy technologies, which are critical to achieving carbon neutrality goals. The programme included visits to leading industrial and energy facilities, covering pipeline fittings and valves manufacturing, liquid hydrogen production, gas detection technologies, and a large-scale offshore photovoltaic project with an annual capacity of 1,000 GWh.

- **Technical Visit: New Energy Technologies in Zhangjiagang & Inner Mongolia**
1-7 April 2026

China's gas and energy sector is advancing rapidly toward carbon neutrality. The visits included the manufacturing of different hydrogen production & storage facilities, production of SAF and green methanol. The visit to Zhangjiagang & Inner Mongolia also provided valuable opportunities to enhance their professional knowledge and gain practical insights into these emerging technologies, to keep abreast of the latest developments and innovations in low-carbon technologies.

- **Technical Visit - IP&E GBA LPG Storage Facility in Tsing Yi**

15 November 2025

The technical visit attended by 20 participants featured a detailed walkthrough of the LPG storage facility.

- **Technical Visit to Permanent Aviation Fuel Facility (PAFF)**

7 March 2026

20 participants joined the visit which featured the operation of Aviation Fuel Facility and quality assurance of aviation fuel.

(d) School, Public and Community Events

The Division strengthened public engagement and cross-institutional collaboration while enhancing the visibility of sustainable engineering and energy initiatives.

- **Towngas Green Flame STEAM Summer Camp: 與專家對話**

29 July 2025

As a speaker sharing engineering work experience, the innovative programme empowered around 200 students by educating and inspiring the next generation about sustainable development and the energy sector.

- **Hong Kong Green Building Week 2025**

20 Aug–3 Sep & 19–28 Sep 2025

To reinforce our commitment to sustainable buildings and city-level decarbonisation.

- **HKIE Carnival “Together we RISE”**

14–15 March 2026

Contributed to a major public engagement event to promote engineering awareness

3. Impact and Achievements

- **Programme breadth:** The Division co-ordinated a diverse programme spanning conferences, training courses, technical visits and public events across the session.
- **International exchange:** Delegation visits gave members direct exposure to global research and project examples.
- **Collaboration:** Strong cooperation with professional and organizations strengthened the Division’s role as a sector convener.
- **Engagement:** Large-scale public events and training attracted significant participation and improved visibility for the Division’s mission.

4. Acknowledgements

I would like to express my sincere gratitude to the Executive Committee members, event coordinators, speakers, partner organisations, volunteers and all participants. Your dedication and support were essential to the successful delivery of this year’s programme.

5. Looking Ahead

For session 2026-2027, the Division will continue to:

- Expand high-quality training that supports professional development and revenue sustainability.
- Increase international technical exchanges and co-operation with research institutes and industry partners.
- Focus on hydrogen and low-carbon fuels that are crucial for Hong Kong’s energy transition.
- Strengthen outreach to students and early-career engineers to attract diverse talent into the gas & energy sector.

Thank you for your continued support. I look forward to working with the incoming committee and our members to deliver another productive year for the HKIE Gas & Energy Division.

Brian Ng
Chairman
HKIE Gas & Energy Division
Session 2025–2026