

**Environmental Division**  
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# **Annual Report for the Division for Session 2025/2026**

**6 May 2026**

## The Committee in Session 2025/2026

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**Chairman:** Ir Prof Kaimin SHIH

**Immediate Past Chairman:** Ir Dr Raymond CHAN

**Deputy Chairman:** Ir Vincent LEE

**Honorary Secretary:** Ir Fredrick LEONG

**Honorary Treasurer:** Ir C F LEUNG

**Committee Members:** Ir C S LAM, Ir Mannix CHAN, Ir Jacqueline CHAN, Ir Peter CHOW, Ir Steven HO, Ir WM HO, Ir Kelvin TANG, Ir Kitty LEE, Ir Rocky LAU, Ir Tommy LIU, Ir Thersea WU

**Committee Members under Clause 7.2(d) of Division Rules (35 years of age or below):** Ms Wynnifred CHEUNG, Mr Jimmy FUNG, Mr H C YU

**Ex-officio Members:** Ir Thomas CHAN (Council), Mr Patrick LEE (AMC), Mr Donald KWAN (YMC), Ir Harriet CHAN (SSC), Ir Kenny WONG (DAP)

**Co-opted Members:** Ir Jasper CHAN, Ir Jackel LAW, Ir Joey LAM

## Vision of Environmental Division

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- Established in 1986 with the following aims:
  - a. To encourage our Engineers to be environmentally aware to **engineer a sustainable future**.
  - b. Promote the general advancement of science, technology and practice of the Division.
  - c. Encourage and foster **a spirit of friendly collaboration** amongst its members and with members of similar institution, societies or other professional bodies.
  - d. Facilitate the **exchange of information and ideas** in relation to the Division.
  - e. Contribute to **raise the standing of engineers**.

## Primary Objectives in Session 2025/2026

- Promote knowledge and experience sharing
- Nurture young generation
- Engage our members
- Raise the standing of engineers
- Participate and support HKIE
- Support government initiatives



# Workshop of Planning for 2025/2026

- Date of workshop: 3 Sep 2025
- Discussed updates on Environmental Division's planned activities, flagship events (Annual Reception, Annual Forum), roles and duties, etc.



# Promote Knowledge and Experience Sharing

## ➤ Organised Technical Seminars



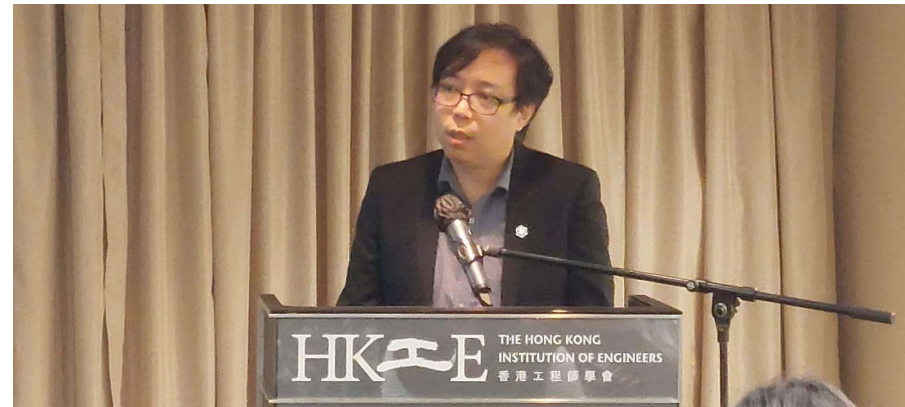
1 Sep 2025: The trend in Intelligence and Smart Green Solution on Building and Property Management Application



19 Nov 2025: EcoTech Seminar on Co-processing of Wastes & Transforming Oyster Shells into Limestone Substitute for Cement Production



12 Nov 2025: AI Governance and its Application in Engineering



8 Dec 2025: Transforming Existing Buildings into Green and Sustainable Structures Using BEAM Plus Existing Buildings Version 3.0 (EB v3.0)

# Promote Knowledge and Experience Sharing

## ➤ Organised Technical Seminars



19 Jan 2026: Chiller Replacement Project at Nina Tower



26 Jan 2026: Regenerative Urbanism: Integrating Biodiversity and Circularity in High-Density Urban Contexts



11 Feb 2026: 未來鐵路車站可持續發展與氣候韌性設計



23 Mar 2026: Multi-Purpose Solution in Sustainable Construction Autoclaved Aerated Concrete



4 Mar 2026: Long-term Flood and Shoreline Management Integrated Strategies to Cope with Climate Change



10 Apr 2026: Policy Recommendations for Sustainable Aviation Fuel Adoption in Hong Kong

# Promote Knowledge and Experience Sharing

## ➤ Technical Visit to ATAL Tower on 13 Sep 2025



# Promote Knowledge and Experience Sharing

## ➤ Annual Forum on 14 Apr 2026

Venue: Harbour Grand Hong Kong  
 Theme: Green Transformation through Excellence in Engineering, Innovation and Sustainability

Welcome Remarks by:  
 Ir Prof Kaimin SHIH, Chairman of HKIE Environmental Division

Opening Address by:  
 Ir Alice CHOW, President, HKIE

Session Chairmen:  
 Ir Rocky LAU, Ir Jackel LAW,  
 Ir Jasper CHAN

Closing Remarks by:  
 Ir Vincent LEE, Chairman of Organising Committee



## Promote Knowledge and Experience Sharing

### ➤ Publications in Hong Kong Engineer Journal – Climate Change Corner

#### Engagement with HKIE

- The Environmental Division is engaged with the HKIE in the preparation and bi-monthly publication of articles on climate change and emerging sustainability issues for knowledge and experience sharing in the Climate Change Corner column under the ***Hong Kong Engineer Journal***. As such, five publications have been completed over 2025/2026 Session.

#### Scope of Publications

- The publication scope consisted of climate engineering innovations, climate impact scenarios, resilience, green innovation, climate risk assessment model and intelligence, decarbonisation strategy, zero-energy building, net-zero objectives and strategic approach for Hong Kong, corporate sustainability, sustainable finance etc.

#### Young Members Capacity Building

- The knowledge and experience sharing is also associated with young members' capacity building within our Division; young members are provided with this opportunity to perform research, learn and improve their technical writing capacity on emerging climate and sustainability hot topics.

## Promote Knowledge and Experience Sharing

### ➤ Publications in Hong Kong Engineer Journal – Climate Change Corner

Vol. 53 Aug 2025 (Ir Dr Alex GBAGUIDI)

**Catering for the challenging environmental burden of artificial intelligence ecosystems: Adopting a holistic sustainability innovation approach as an urgent imperative**

Vol.53 Oct 2025  
(Ir Jasper CHAN)

**Climate risk management in industrial operations: An engineering perspective**

Vol.53 Dec 2025  
(Ir CF LEUNG)

**Engineering a sustainable future: The role of sustainable aviation fuel in combating climate change**

Vol.54 Feb 2026 (Ir Jasper CHAN)

**Electric vehicles: Driving low-carbon transformation in Hong Kong's transport sector**

Vol.54 Apr 2026 (Ir Jasper CHAN)

**Engineering Hong Kong's path to resilience and sustainability**

# Nurture Young Generation

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## ➤ Best Final-Year Environmental Project Award

- A flagship event organised since 2018 – welcome “Individual” and “Group” stream submissions

### Key Objectives:

- **Honoring Achievement:** Applauding the hard work and great quality demonstrated in student final year projects
- **Inspiring Impact:** Motivating future professionals to elevate environmental engineering standards through lifelong dedication and excellence

### Awards:

- Champion: A certificate and cash award of HK\$6,000
- 1<sup>st</sup> Runner Up: A certificate and cash award of HK\$4,000
- 2<sup>nd</sup> Runner Up: A certificate and cash award of HK\$2,000
- Announcement in Q3 each year

# Nurture Young Generation

## ➤ Best Final-Year Environmental Project Award Ceremony on 27 Feb 2026



Group Photo for Awardees



Champion for Individual Stream Submission



1<sup>st</sup> Runner Up for Group Stream Submission



Champion for Group Stream Submission

# Nurture Young Generation

## ➤ Reaching-out Activities and Career Talks



Leung Kau Kui Secondary School on 24 Nov 2025



Carmel Divine Grace Secondary School on 19 Mar 2026



HKUST on 1 Apr 2026

# Engage Our Members

## ➤ Annual Reception on 27 Feb 2026

Venue: The Cityview

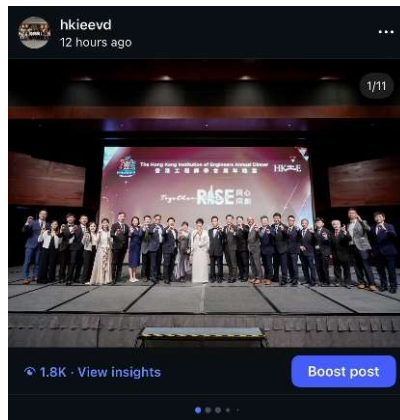
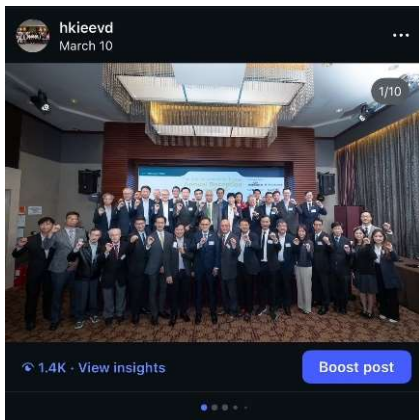
Guest of Honour: Mr TSE Chin-wan, BBS, JP, Secretary for Environment and Ecology

Over 160 attendees from various sectors joined the Annual Reception.



# Engage Our Members

- Website  
(a new one will be live soon)
- Social Media
  - LinkedIn
  - Facebook
  - Instagram



## Connect with Us!

Follow Us on Social Media

Scan the QR codes below to stay updated with our latest news, promotions, and more!



  





Environmental Division  
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# Raise the Standing of Engineers

## ➤ Connecting with Professional Bodies



ICE HKA



HKIE Materials Division



Hong Kong Waste Management Association



Green Council



HKIE Logistics and Transportation Division



World Federation of Engineering Organisations 2025 General Assembly\*, Shanghai  
 (\*An HKIE delegation)

# Raise the Standing of Engineers

## ➤ Connecting with Professional Bodies



Hong Kong Green Strategy Alliance



BEAM Society 15<sup>th</sup> Anniversary Dinner



Joint SCCT-HKCI International Conference on Concrete Technologies 2025, HKPU



AEE Annual Reception



HKAEE Spring Dinner



ACRA Annual Dinner

# Raise the Standing of Engineers

## ➤ Committee Members being Elected as Fellow of HKIE in this Session



Ir Fredrick LEONG



Ir C F LEUNG



Ir Theresa WU



Ir Vincent LEE

# Raise the Standing of Engineers

- Nominated Prof Kenneth LEUNG (CityU) as Adjunct Fellow of HKIE



# Participate and Support HKIE

## ➤ 2025 滬港科技合作研討會 in Shanghai on 15-16 Oct 2025

滬港科技合作研討會 was co-organised by HKIE and Shanghai Association for Science and Technology in Shanghai on 15-16 Oct 2025. Ir Dr Raymond CHAN, Ir C S LAM, Ir C F LEUNG and Mr Tony IP (from TiP) formed a delegation representing Environmental Division to attend the conference where Mr IP presented a paper about nature and urban spaces.



# Participate and Support HKIE

## ➤ Eco Expo Asia on 27-31 Oct 2025



# Participate and Support HKIE

## ➤ The 12<sup>th</sup> Guangdong Hong Kong Macau Greater Bay Area Sustainable Development Conference on 12 Dec 2025

The 12<sup>th</sup> Guangdong Hong Kong Macau Greater Bay Area Sustainable Development Conference was co-organised by HKIE with The Macau Institute of Engineers and Guangdong Association for Science and Technology on 12 Dec 2025. There were 4 papers submitted by Mr H C YU, Ir Fredrick LEONG, Mr Tony IP (from TiP), and Mr Clement CHEUNG (from BEC). Ir C S LAM and Ir C F LEUNG joined the conference with these 4 authors as a delegation representing Environmental Division.



# Participate and Support HKIE

## ➤ HKIE Presidential Address / Dinner on 12 Sep 2025



## ➤ 2026 HKIE Division Chairmen Visit to Beijing on 18-21 Apr 2026



# Participate and Support HKIE

- International Women's Day Luncheon on 8 Mar 2026 at Pacific Club, Tsimshatsui



- The HKIE 50<sup>th</sup> Anniversary "Together We Rise" Carnival on 14-15 Mar 2026 at High Lawn, Art Park, West Kowloon



# Participate and Support HKIE

## ➤ Meeting between the HKIE and 上海市環境科學學會 on 30 Mar 2026

上海市環境科學學會理事長朱石清於3月30日率團到訪學會總部。學會副會長梁國堯工程師、環境界別諮詢委員會主席王小偉工程師及環境分部名譽秘書梁禮誠工程師負責接待代表團。

滬港兩地同為發展蓬勃的城市，面對相似的環境議題，並在城市發展過程中相互借鑒，啟發出多項應對環境挑戰的有效方案。

雙方代表就污水處理、減碳排放及推廣回收利用等環境議題深入交流，並探討未來持續合作與交流的可能性，冀共同配合國家減碳策略，推動實現碳中和目標。



# Participate and Support HKIE

## ➤ The HKIE Annual Dinner on 17 Apr 2026



# Support Government Initiatives



National Ecology Day on 21 Aug 2025



EMSD Energy Saving Competition for Student 2025 Launching Ceremony on 24 Jun 2025

THE UNIVERSITY OF HONG KONG 香港大學  
faculty of architecture 建築學院

Department of Urban Planning and Design  
城市規劃及設計系

北部都會區：  
藉港深合作探索「東北兩帶」發展機遇規劃工作坊

Developing the Eastern Gateway of Northern Metropolis into Close Interaction Circles between Hong Kong and Shenzhen for Boundary Commerce, Industry, Recreation, Net-zero Carbon Circular Economy, Tourism and Conservation Community Planning Workshop

我們是香港大學城市規劃碩士課程二年級的學生，現正透過街站的問卷及展板收集大眾意見以進行一項透過探討港深創新合作的機遇，發展北部都會區之「口岸商貿及產業區」及「藍綠康樂旅遊生態圈」的規劃研究。我們希望透過這項研究了解社區的需要和意願，並探討發展北部都會區之「口岸商貿及產業區」及「藍綠康樂旅遊生態圈」的潛力。

We are Year 2 Master of Science in Urban Planning students from the University of Hong Kong. We are holding roadshows in the district to collect public views through questionnaire surveys and exhibition boards on our planning study. We hope to understand the needs and aspirations of the community and investigate the potential development of the Boundary Commerce and Industry Zone and the Blue and Green Recreation, Tourism and Conservation Circle of the Northern Metropolis through this study.

我們誠邀您  
We sincerely invite you to...

提出對港深創新合作的看法  
Express your views on innovative collaboration between Hong Kong and Shenzhen

探索透過港深合作為北部都會區帶來的新機遇  
Discuss the future development of Northern Metropolis through cross-boundary collaboration efforts

倡議北部都會區北部都會區之「口岸商貿及產業區」及「藍綠康樂旅遊生態圈」的發展方案  
Propose a development scheme for the Boundary Commerce and Industry Zone and the Blue and Green Recreation, Tourism and Conservation Circle of the Northern Metropolis.

日期 DATE  
2025年11月15日(星期六)  
15 Nov 2025 (Sat)

地點 VENUE  
聖方濟各書院  
St. Francis of Assisi's College  
地址：新界粉嶺欣盛里一號  
Address: 1 Yan Shing Lane, Tseung Koon

時間 TIME  
14:00 - 18:00

了解更多資訊及你的分享看法  
To know more about the project and share your view.

報名參加 Register to join

Instagram

Facebook

Developing the Eastern Gateway of Northern Metropolis into Close Interaction Circles between Hong Kong and Shenzhen for Boundary Commerce, Industry, Recreation, Net-zero Carbon Circular Economy, Tourism and Conservation Community Planning Workshop on 15 Nov 2025



Legislative Council General Election on 7 Dec 2025

**Thank you!**