

## **HKIE Gas and Energy Division**

### **Webinar: Retrofit, The Key To Achieving Carbon Neutrality**

09 December 2022

CO2 emissions peak before 2030 and achieve carbon neutrality before 2060 was wrote into China 5 years road maps. Reduction of operation carbon of existing and new buildings is one of key steps towards zero-carbon-ready goal. To introduce the strategy, the HKIE Gas and Energy division organized the Technical Webinar about the ‘Retrofit , the key to achieving net zero’ infrastructure on 9 Dec 2022. The webinar is supported by HKIE (BSD, MMNC), ASHRAE, BSOMES, EIHK, HKGBC, HKAEE and IMECHEP. This technical Webinar was delivered by Ir Dr Cary Chan, JP, the executive director of HKGBC who renowned research and the contributions in the field in green building.

During the session, we discuss the urgency of boosting the efficient operation of E&M system, and deploying demand-side response as well as integrating energy storage into buildings. In order to encourage more building retrofits and make appliances and equipment responsive to real-time price signals new business models was shared. Ir Dr Cary Chan, JP also sharded the 3 stages strategy for achieving Net Zero by retrofit. In the final session of webinar, Ir Dr Cary Chan, JP introduce the ‘HKGBC Retrofitting guidebook’. The guildbook provided necessary information during Retrofitting, which included planning for retrofitting and Retrofitting strategies. Case study and others useful recourses was provided as well. In the Q&A session, , the speaker and panellists also addressed the difficulties for promoting retrofit in Hong Kong. The speakers also shared his own experience that how to deal with that situation.

The webinar attracted over 300 participants, and we believed the experiences shared by Ir Dr Cary Chan, JP could be a good reference for retrofit development and toward Net Zero in Hong Kong, and we would like to express our sincere gratitude to Ir Dr Cary Chan, JP and division committees for offering their valuable time for this webinar session

**Author : Ir Steven Chan– Deputy Chairman of HKIE Gas & Energy Division**

