

Hydrogen Zero Carbon STEAM Carnival to be held today and tomorrow (with photos)

The Hydrogen Zero Carbon STEAM Carnival, organised by the Electrical and Mechanical Services Department (EMSD) and co-organised by the Education Bureau (EDB) and the Construction Industry Council – Zero Carbon Park (CIC-ZCP), is being held today and tomorrow (February 22 and 23) at the CIC-ZCP in Kowloon Bay. The carnival integrates educational elements of STEAM in an innovative and interactive way, showcasing the development prospects and potential application of hydrogen technology in all aspects and attracting the participation of young people.

Speaking at the opening ceremony today, the Under Secretary for Environment and Ecology, Miss Diane Wong, emphasised that hydrogen energy is a promising zero-carbon energy source with a wide range of applications. The country has clearly positioned hydrogen energy as an important component of the future energy system. Young people are stakeholders in addressing climate change and promoting carbon neutrality. She hoped that students will deepen their understanding of the industry chain, safety and applications of hydrogen energy in Hong Kong through enjoyable educational experiences.

The Director of Electrical and Mechanical Services, Mr Poon Kwok-ying, said in his speech that the sustainable development of hydrogen energy requires not only the concerted effort of the Government and industry, but also the support of the public and the younger generation. To this end, the EMSD has arranged for engineers to explain technologies and latest developments of hydrogen energy to teachers and students. In addition, the EMSD has recently collaborated with the EDB to organise the HydroRace Challenge, allowing students to gain first-hand experience on the application of hydrogen energy. The competition received overwhelming responses, with the participation of a total of 67 secondary schools across the territory.

Admission to the carnival is free. Activities include hydrogen-themed STEAM workshops, guided tours to the CIC-ZCP STEAM Lab, the display of hydrogen-fuelled street washing vehicles and hydrogen power generators, as well as booth games. For details, please visit the event website www.h2carnival.com.

