

Press Release  
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## HK Electric Ignites Gen Z's Green Innovation Dreams

HK Electric's flagship green education initiative, "Happy Green Campaign", has partnered for the first time with Hong Kong Science and Technology Parks Corporation, bringing Gen Z students into Hong Kong's leading innovation hub to explore emerging green solutions and connect with eco-tech startups.

Under the Campaign's signature programme, the "Green Energy Dreams Come True" competition has brought together 18 teams from local tertiary institutions and secondary schools this year. Some shortlisted projects align with technological directions being developed by eco-tech startups at Science Park. HK Electric arranged for around 70 students to visit the Park, where they met startup founders, learned about technology applications and gained a deeper understanding of Hong Kong's innovation and technology development with national support.

Among the shortlisted entries is Sir Ellis Kadoorie Secondary School (West Kowloon)'s project, "The Algae Carbon Sink", which focuses on algae-based carbon reduction and aligns closely with the work of a Science Park startup advancing microalgae solutions for carbon capture. Team member Chow Cheuk-huen said, "Seeing how professionals turn technology into viable products showed us that our creative ideas could one day be applied in the real world."

Another shortlisted project, "AI Food Waste Recycler", from Ho Yu College and Primary School (Sponsored by Sik Sik Yuen), shares a similar vision with another startup specialising in AI-enabled smart waste sorting systems. By studying the commercial models, students gained clearer insights into how AI technologies can be applied to environmental protection.

Director of Technical Services of Hong Kong Science and Technology Parks Corporation, Mr. C.F. Ma, said: "Science Park and HK Electric are both committed to nurturing young people's green innovation ambitions. By inviting green startups to share their journeys in applying sustainable technologies, we show how innovation can create tangible value for society. Visits to facilities that integrate sustainability concepts, such as food waste treatment systems and smart recycling stations, also provided hands-on experiences that inspire students to turn their green dreams into reality."

HK Electric General Manager (Public Affairs), Mr. John Liauw, said: "Nurturing young people's interest in science, technology and sustainable development is

essential in driving Hong Kong's green and smart transformation. Through the 'Green Energy Dreams Come True' competition, HK Electric hopes to show students that the ideas developed during their school age can be transformed into real-world solutions through research and practice, delivering a positive and lasting impact on society."

Beyond on-site learning, the "Happy Green Campaign" integrates emerging technologies into environmental education through the "UNSDG Action Planner x AI Learning Workshop". Led by a Science Park startup specialising in STEAM and AI education, the workshop engaged around 30 students in interactive activities using AI tools to create animations and posters promoting the United Nations' 17 Sustainable Development Goals (SDGs).

During the workshop, students used AI tools to create promotional materials inspired by action ideas from HK Electric's UNSDG Action Planner. The Planner introduces the SDGs through 52 actions across areas such as environmental protection, education, health, gender equality, responsible consumption and more. The initiative aims to deepen students' understanding of the SDGs and encourages them to blend creativity, technology and sustainability on campus, within the community and on social media.

Now in its 10<sup>th</sup> edition, the "Green Energy Dreams Come True" competition will stage its final presentation on 11 July at Science Park. Winning teams will be invited to join the "Green Energy Study Tour" to visit different provinces and cities in the Chinese Mainland, gaining insights from State Grid's energy infrastructure and experiencing local cultures.

Photo captions:

Photos 1a to 1b



HK Electric partners with Hong Kong Science and Technology Parks Corporation to take Gen Z students on “Science Park Exploration Tours”.

Photo 2



Students from Sir Ellis Kadoorie Secondary School (West Kowloon) gain insights from a green startup specialising in microalgae carbon-reduction technology.

Photo 3a to 3b



HK Electric brings students from the “Green Energy Dreams Come True” competition and Happy Green Ambassadors to the "UNSDG Action Planner x AI Learning Workshop”, where they learn how to create AI-generated content promoting sustainable development.