

# Second TERA-Award continues paving the way towards carbon neutrality

By CHINA DAILY

The inaugural TERA-Award Smart Energy Innovation Competition, organised by The Hong Kong and China Gas Company Limited (Towngas) and State Power Investment Corporation Limited (SPIC), has been successfully held. Towngas wishes to drive the research and development of innovative technology to propel advanced smart energy technology development, and support the Chinese mainland attain the dual carbon goals to reach peak emissions by 2030 and achieve carbon neutrality by 2060. With that in mind, the Company is ready to host the next edition of the TERA-Award.

Recently, Dr Lee Ka-kit, the Chairman of Towngas, announced at the Towngas 160th Anniversary Celebration that the second edition of the TERA-Award Competition is officially launched and open for registration until 31 October. Startup enterprises and research teams around the world with the patent to prototypes and products with potential for commercialisation are encouraged to participate in the competition. Two online briefing sessions were held in English and Mandarin on 24 August.

In terms of awards, the winner of the Gold Award will be awarded US\$1 million, while the Silver and Bronze Award



Dr Lee Ka-kit, Chairman of Towngas, announces the official launch of the second TERA-Award Smart Energy Innovation Competition and welcomes applications for the competition. PHOTOS PROVIDED TO CHINA DAILY

winners will receive US\$100,000 and US\$50,000, respectively, setting a record for technological competition in the energy industry. A new Referrer Award will be awarded to the referrers of Gold, Silver and Bronze Award winners. We will also select 10 winners each for two new Rising Star Award and Pioneer Award to encourage more startups to join.

Dr Lee Ka-kit pointed out that the world of technology and innovation is coming, and smart energy is the first step in creating the future. He emphasised that we need to strive to be the best green energy supplier and establish a leading position in the energy management industry of the Chinese mainland and beyond. The Company would continue to provide customers with safe, reliable gas supply and quality services, with innovation and environmental protection at its core, to become the most environmental-friendly and respected corporate based in Hong Kong.

Mr Qian Zhimin, the Party Secretary and Chairman of SPIC, said that human society is now transitioning from the use of fossil fuels to non-fossil energy sources, and there is an urgent need for technological innovation to drive the change. Through the competition, Mr Qian said, the organisers look forward to strengthening and deepening the cooperation with startup entrepreneurs, and jointly building a clean, low-carbon, safe and efficient energy system and a green society.



Mr Qian Zhimin, Party Secretary and Chairman of SPIC, records a video celebrating the 160th anniversary of Towngas.



The inaugural competition received a total of 208 projects submitted from 23 countries and regions. The "Safe and Low-cost Flow Battery" developed by Luquos Energy from Hong Kong receives the Bronze Award. Mr Peter Wong, Managing Director of Towngas (right), presents the award to Prof Lu Yi-chun, Chairperson of the Board of Luquos Energy.



Two online briefing sessions about the second edition of the TERA-Award Competition, hosted by Mr Daniel Fung Man-kit, Towngas Head of Strategy & Innovation and Commercial - HK Utility (right), were held on 24 August.

## Scopes of the TERA-Award 2022

<b>Renewable Energy</b>	<ul style="list-style-type: none"> <li>• Solar Energy</li> <li>• Wind Energy</li> <li>• Geothermal</li> <li>• Biomass Energy</li> </ul>
<b>Hydrogen and Fuel Cell</b>	<ul style="list-style-type: none"> <li>• Production</li> <li>• Transmission and Storage</li> <li>• Fuel Cell</li> </ul>
<b>Energy Storage and Conversion</b>	<ul style="list-style-type: none"> <li>• Electrochemical</li> <li>• Mechanical (Flywheel, Pump-storage Hydroelectricity, Solid Mass Gravitational)</li> <li>• Thermal</li> <li>• Energy Conversion</li> </ul>
<b>Energy Digitalisation</b>	<ul style="list-style-type: none"> <li>• Energy Internet</li> <li>• Virtual Power Plant</li> </ul>
<b>Energy Saving and Carbon Reduction</b>	<ul style="list-style-type: none"> <li>• Energy Efficiency</li> <li>• Carbon Capture</li> <li>• Carbon Utilisation</li> <li>• Carbon Storage</li> </ul>

Scan the QR code to watch the video of the congratulatory messages from TERA-Award partners on Towngas' 160th anniversary.

