



28 November 2016

Workshop on Smart Cities Co-hosted by IERE and CLP-RI Sees Convergence of People, Technologies and Big Data

International Electric Research Exchange (IERE) and CLP Research Institute (CLP-RI), a subsidiary of CLP Holding Limited, co-hosted a workshop entitled "Smart Cities - A Convergence of People, Technologies and Big Data" on 21-24 November 2016 in Hong Kong. The workshop gathered over 100 industry experts, business executives, academia and R&D professionals from Japan, Korea, Mainland China, South Africa, Germany, Netherlands, Mexico, Malaysia and Hong Kong to share insights on the latest research and initiatives of how technologies, big data and their intelligent applications can enable people's interaction with city facilities and infrastructure, making urban living safer, more convenient, efficient and comfortable.

In light of the rapidly changing technology landscape, IERE Central Office has commissioned a consulting firm to compile the "Technology Foresight 2016" which identified the top 20 emerging technologies that could play a critical role in the electricity industry in the coming decades by addressing climate change. The top 5 technologies include Energy Storage Devices, Big Data, Prosumer, Renewable and Distributed Generation, and Climate Modeling. The key objective is to provide up-to-date information with sufficient depth of technical background as well as strategic implications to its stakeholders. IERE would like this report to serve as an informative source of insight for those who play a key role in promoting and collaborating in R&D activities.

Mr Gregory Tosen, Chair of IERE, said in his workshop opening remarks, "There are many factors driving the rapid changes in the worldwide electric industry today. Increased presence of non-conventional energy sources, advancement of utility grid operation technologies, and further penetration of enabling technologies that support demand-side resources are just a few examples. As a leading organisation with global and world-class expertise in supporting and promoting technology innovations in the global electric industry, IERE is in a strong position to provide thought leadership on technology solutions that could shape the future trajectory of the industry."

"The concept of Smart Cities has become one of the hottest topics around the world. CLP has been diligently developing our power systems over the last century based on the rapidly advancing technologies to contribute to Hong Kong's vision of a smart city. This workshop

is another example of our commitment to empowering the industry with new technologies and making lives smarter through close collaborations with important organisations like IERE.” said Mrs Betty Yuen, Group Director & Vice Chairman of CLP Power Hong Kong Limited, in her welcome keynote.

The conference also featured keynote addresses on smart cities by Mr Wong Kam-sing, Secretary for the Environment, the HKSAR Government, Dr Satoshi Morozumi, Director General of New Energy and Industrial Technology Department Organisation (NEDO) of Japan, and Professor Seung Il Moon, President of Korea Electrical Engineering & Science Research Institute.

About CLP Group

CLP Holdings Limited, a company listed on the Stock Exchange of Hong Kong, is the holding company for the CLP Group, one of the largest investor-owned power businesses in Asia Pacific. Through CLP Power Hong Kong Limited, it operates a vertically-integrated electricity supply business providing a highly-reliable supply of electricity to 80% of Hong Kong’s population.

Outside Hong Kong, CLP holds investment in the energy sector in Mainland China, India, Southeast Asia, Taiwan and Australia. Its diversified portfolio of generating assets uses a wide range of fuels including coal, gas, nuclear and renewable sources. CLP is one of the largest external investors in the Mainland’s renewable energy sector. In India, it is one of the biggest renewable energy producers and among the largest foreign investors in the electricity sector. In Australia, its wholly-owned subsidiary EnergyAustralia is one of the largest integrated energy companies, providing gas and electricity to over 2.6 million households and businesses.

CLP is listed on the Global Dow – a 150-stock index of the world’s leading blue-chips, the Dow Jones Sustainability Asia Pacific Index (DJSI Asia Pacific), the Dow Jones Sustainability Asia Pacific 40 Index (DJSI Asia Pacific 40), Hang Seng Corporate Sustainability Index Series and MSCI Global Sustainability Index Series.

About CLP-RI

CLP Research Institute Limited was created in 2000 (CLP’s Centenary year). CLP-RI’s mission is to strengthen our innovation capabilities with the intent of increasing the economic, social, and environmental value of our products, services and businesses in the communities we serve.

In addition to building knowledge for CLP to manage these issues, CLP-RI contributes by proactively bringing emerging issues to the attention of management; expanding our global perspective on emerging technologies; growing the practice and means of knowledge sharing; demonstrating a culture of innovation and learning in critical areas by doing; and building and maintaining productive relationships with the academic and research communities.

About IERE

IERE is a worldwide, non-profit organization established in 1968 as International Electric Research Exchange, service for executives, senior managers, engineers, and researchers who are responsible for electricity and energy related R&D and Solutions. They represent electricity & energy supply industry, equipment providers business, academic research and government.

For more details, please visit

<https://www.iere.jp/contents/index.html>

Photo Captions:

Photo 1



The workshop features respected speakers including Group Director & Vice Chairman of CLP Power Hong Kong Limited Mrs Betty Yuen (fourth right), Chair of IERE Mr Gregory Tosen (third right), Secretary for the Environment Mr Wong Kam-sing (third left), President of Korea Electrical Engineering & Science Research Institute Professor Seung Il Moon (second left), Director General of New Energy and Industrial Technology Development Organisation Dr Satoshi Morozumi (first left), Secretary General of IERE Dr Takao Watanabe (second right) and Industry Principal of Frost & Sullivan Ms Kee Wai-Fun (first right).

Photo 2



Mr Gregory Tosen, Chair of IERE, welcomes guests from all over the world in joining the workshop in Hong Kong.

Photo 3



Mrs Betty Yuen, Group Director & Vice Chairman of CLP Power Hong Kong Limited, says CLP is committed to contributing to Hong Kong's vision of a smart city through new technologies.

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