13 October 2026

CLP*e* and Modern Terminals Sign a Memorandum of Understanding to Accelerate Port Electrification and Maritime Decarbonisation

CLP*e* and **Modern Terminals Limited** (Modern Terminals) have recently signed a Memorandum of Understanding (MOU) to jointly develop an electrification roadmap and explore innovative low-carbon solutions for container port operations of Modern Terminals in Hong Kong, accelerating the transition towards a greener and more sustainable maritime ecosystem in line with the Hong Kong SAR Government's strategic initiatives.

Under the MOU, CLP*e* and Modern Terminals will combine their expertise in energy infrastructure and port operations to develop a holistic approach to port electrification and green transformation. CLP*e* will support Modern Terminals' decarbonisation strategy and long-term sustainability goals by exploring onshore power systems for container vessels, battery-swapping solutions for container tractors, charging infrastructure for electric vehicles and mobile equipment, and power infrastructure for electric barges.

Deputy Secretary for Transport and Logistics cum Commissioner for Maritime and Port Development Miss Amy Chan said at the MOU signing ceremony, "The partnership between Modern Terminals and CLP*e* marks a significant milestone in the green transformation of the container terminal operations, and a landmark moment for Hong Kong's maritime industry to accelerate port electrification and maritime decarbonisation. Perfectly echoing the Government's policy goals, this collaboration sets an example for the industry's transition to a sustainable and low-carbon operating ecosystem."

CLP*e* Managing Director Mr Ringo Ng said, "Decarbonising the maritime sector is vital to Hong Kong's competitiveness as an international maritime centre. From supporting green marine fuel bunkering for ocean-going vessels to exploring innovative electrification solutions for port operations, CLP*e* is committed to advancing the city's development as a green and smart port. Together with Modern Terminals, we aim to deliver one-stop solutions that set a new benchmark for greener port operations and propel the maritime industry towards a net-zero carbon future."

Modern Terminals Limited Group Managing Director Mr Horace Lo said, "Following the establishment of our 2030 decarbonisation target to eliminate direct greenhouse gas emissions from our operations, we identified three potential pathways. With advances in battery technology, electrification has emerged as a key long-term pathway supplemented by other alternative green fuels. In addition, we are committed to supporting the green transition of shipping lines and barge operators. Achieving our decarbonisation goals requires strong support from the power sector, and we are pleased to have CLP*e*'s support on this important journey."

Following the signing of the MOU, CLP*e* and Modern Terminals will launch a series of feasibility studies and technical assessments for the identified initiatives, with a view to developing a phased roadmap that advances Modern Terminals' long-term electrification and sustainability goals.

About CLP*e*

CLP*e*, a wholly owned subsidiary of CLP Holdings Limited, is dedicated to advancing the transition to low-carbon energy and sustainable development in Hong Kong and the Chinese Mainland. The company delivers large-scale energy infrastructure and offers one-stop energy management solutions, comprising cooling, solar power generation, energy storage systems, electrical and mechanical engineering, and smart energy services. Its "Build-Own-Operate-Transfer" model effectively supports customers in achieving energy saving and carbon reduction goals. CLP*e* actively promotes electric vehicle charging and liquefied natural gas bunkering services to support the development of green transport. For more details, please visit www.clpesolutions.com.

About Modern Terminals Limited

Modern Terminals Limited opened Hong Kong's first purpose-built container terminal facility in 1972. Today, the Company owns and operates container terminals at Kwai Tsing Container Port, Hong Kong. In the Pearl River Delta it operates and holds a majority of shares in DaChan Bay Terminals and also holds equity stakes in both Shekou Container Terminals and Chiwan Container Terminal. Modern Terminals is a customer-focused service provider. The Company's expertise in the industry, deployment of advanced equipment and the commitment of its people enable it to deliver a unique customer experience at the terminals it operates. The Company's mission is to be the preferred partner for world-class terminal and supply-chain services, building global connectivity for the sustainable development of local economies and the improvement of people's well-being.
Website: www.modernterminals.com

Photo Captions:

Photo 1

Under the MOU, CLP*e* and Modern Terminals will combine their expertise in energy infrastructure and port operations to explore electrification opportunities and low-carbon solutions across the port ecosystem.

(From left) Modern Terminals Limited Managing Director – Hong Kong Mr Charles Yung, Modern Terminals Limited Group Managing Director Mr Horace Lo, Deputy Secretary for Transport and Logistics cum Commissioner for Maritime and Port Development Miss Amy Chan, CLP*e* Managing Director Mr Ringo Ng, and CLP*e* eMobility Director Mr Saraansh Dave.

Photo 2

(Back row, from left) Witnessed by Modern Terminals Limited Group Managing Director Mr Horace Lo, Deputy Secretary for Transport and Logistics cum Commissioner for Maritime and Port Development Miss Amy Chan, and CLP*e* Managing Director Mr Ringo Ng, (front row, from left) Modern Terminals Limited Managing Director – Hong Kong Mr Charles Yung and CLP*e* eMobility Director Mr Saraansh Dave sign the MOU to jointly develop a port electrification roadmap and explore innovative low-carbon solutions for Hong Kong's container port operations.

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