

10 June 2025

**CLPe and CNOOC Achieve Milestone with Hong Kong's First LNG Bunkering
with Simultaneous Cargo Operation
Supporting the HKSAR Government on Hong Kong's Journey to
Become a Green Marine Fuel Hub**

CLPe has teamed up with CNOOC Guangdong Water Transport Clean Energy Company Limited (CNOOC) to supply liquefied natural gas (LNG) to the container vessel *Hanoi Express* from the German shipping company *Hapag-Lloyd AG* during cargo handling at Kwai Tsing Container Terminals on 5 June. Around 10,000 cubic metres of LNG was supplied to the vessel, marking the largest single LNG bunkering operation in Hong Kong to date and the city's first ship-to-ship LNG bunkering with simultaneous cargo handling. The milestone operation takes Hong Kong a step closer to becoming a high quality green marine fuel bunkering centre and further consolidates its position as an international maritime hub.

The operation integrated bunkering and cargo operations in a streamlined process, enabling *Hanoi Express* to be filled with LNG within 24 hours while loading and unloading cargo at Kwai Tsing Container Terminals, significantly reducing its port turnaround time and operating costs.

The LNG bunkering operation was conducted by CNOOC's *Haiyang Shiyou 301*, which is 184.7 metres long and 28.1 metres wide. As the first domestically built LNG bunkering vessel in the Mainland, it is equipped with both LNG transportation and bunkering capabilities and is designed primarily to supply fuel to international maritime vessels. *Haiyang Shiyou 301* is also the largest LNG bunkering and transport vessel in the world, with a storage capacity of 30,000 cubic meters and a refueling rate of 1,650 cubic meters per hour.

The International Maritime Organisation (IMO) has set a target for the industry to achieve net-zero carbon emissions by or around 2050. The HKSAR Government released an *Action Plan on Green Maritime Fuel Bunkering* last year and enacted the *Shipping Legislation (Use of Fuels and Miscellaneous Amendments) Ordinance 2024*

this year, promoting the city's development into an international green maritime fuel bunkering centre.

Speaking at the ceremony celebrating the successful completion of the bunkering and simultaneous cargo handling operation, Secretary for Transport and Logistics Ms Mable Chan said, "The success of this operation was made possible by the joint efforts of LNG supplier CNOOC and LNG bunker seller CLPe. Conducting bunkering during cargo operations—and with the bunkering of green maritime fuel which reduces carbon emissions—truly delivers a synergistic effect where one plus one is greater than two." Ms Chan predicted the simultaneous operation would encourage the bunkering sector in Hong Kong to provide more services for vessels using LNG and other green maritime fuels. This would also give international shipping lines greater confidence and convenience in choosing the Hong Kong port for bunkering, cargo handling, and related operations, she suggested.

CLP Holdings Chief Executive Officer Mr T. K. Chiang remarked that Hong Kong's strategic geographic location makes it an ideal international shipping centre. As one of the world's top ten bunkering centres, the city welcomes over 5,000 ocean-going vessels every year, and the switch to low-carbon and net-zero marine fuels is a growing trend in the global shipping industry.

Mr Chiang added, "This pioneering collaboration between CLPe and CNOOC not only advances Hong Kong's development as a world-class green marine fuel bunkering hub but also strengthens our ties with CNOOC, a key energy supplier to the Mainland maritime industry. This cooperation will help accelerate the green transformation of the national shipping industry and enhance the entire ecosystem."

Guangzhou Municipal Commerce Bureau Deputy Director Mr Wu Wei-hau said enhanced cooperation between Hong Kong and Guangzhou in the development of green marine fuel would play a key role in providing more internationally competitive green shipping services in the Guangdong-Hong Kong-Macao Greater Bay Area.

"We will strengthen collaboration with Hong Kong's maritime industry, deepening cooperation in key areas such as green shipping hubs and high-value-added supply chain services," he explained. "This will help consolidate Hong Kong's position as a global shipping centre and make the Greater Bay Area a strategic anchor in the new development paradigm."

CNOOC Gas and Power Group Co., Ltd. Chief Financial Officer Mr Kang Huahua stated that the successful completion of this LNG bunkering operation would significantly enhance Hong Kong's bunker supply capabilities, while also pioneering an innovative

model for the deep integration of green ports and modern shipping systems. He added, "Moving forward, we will continue to leverage our strengths across the entire LNG industry chain and work closely with partners such as CLPe to further deepen collaboration with all sectors in Hong Kong. Together, we will promote the development of international LNG bunkering services and strive constantly for higher quality, efficiency, and standards."

A spokesperson of the Hong Kong Seaport Alliance said, "The successful operations demonstrate that Hong Kong is capable of providing world-class LNG bunkering services, further enhancing our port's position as a key international maritime hub. Hong Kong is also well-positioned to offer shipping lines access to a diverse fuel mix that aligns with their decarbonisation goals."

In November 2024, CLPe and CNOOC announced plans for a joint venture to provide LNG bunkering services in Hong Kong, aiming to accelerate the green transformation of the shipping industry. This bunkering operation serves as a pilot project for the partnership, paving the way for future cooperation and attracting international oceangoing vessels to Hong Kong by offering environmentally friendly, efficient, and convenient green marine fuel bunkering services.

About CLPe

CLPe is a wholly-owned subsidiary of CLP Holdings Limited. The company provides a one-stop shop for customers, integrating products and services into value-added solution packages to support low-carbon and sustainable business development. As a trusted partner for energy and infrastructure solutions in Hong Kong and Mainland China, CLPe delivers urban and industrial energy infrastructure in power, heating, cooling, e-transportation, and data centres, comprehensive building energy management in cooling, solar energy, energy storage, EV charging, electrical and mechanical services, and smart solutions for industrial and commercial customers. For more details, please visit www.clpesolutions.com.

關於中海石油氣電集團有限責任公司 (Chinese only)

中海石油氣電集團有限責任公司（簡稱“氣電集團”）為中國海洋石油集團有限公司的全資子公司，負責統一經營和管理中國海油天然氣及發電板塊業務，在 LNG 資源統籌、設施佈局、核心技術、產業鏈運作、商務模式等方面具有核心競爭優勢，業務範圍覆蓋 LNG 資源貿易、LNG 接收站、天然氣管網、燃氣電廠、城市燃氣、車船加注、技術研發和應急保障等。目前氣電集團已建成投運 LNG 接收站 6 座，總接收處理能力 3260 萬噸/年；控股天然氣電廠 7 座，總裝機 682 萬千瓦，為中國海油 EPC 總承包聯合體核心成員。其中，正在建設的由

我國自主設計和建造的中國海油鹽城“綠能港”項目是我國最大的液化天然氣儲備基地，該專案擁有世界單罐容量最大的 6 座 27 萬立方米液化天然氣儲罐。

Photo Captions:

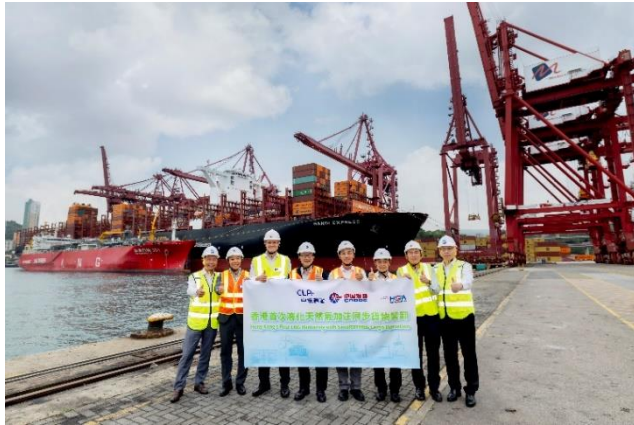
Photo 1



(From left) CLPe Managing Director Mr Ringo Ng, Deputy Director of Marine Mr Shi Qiang, Secretary for Transport and Logistics Ms Mable Chan, CLP Holdings Chief Executive Officer Mr T.K. Chiang, Deputy Director of the Guangzhou Municipal Bureau of Commerce Mr Wu Wei-hua, Commissioner for Climate Change of Environment and Ecology Bureau Mr Arthur Lee and Group Managing Director of Modern Terminals Limited Mr Horace Lo at a ceremony celebrating the successful completion of Hong Kong's first bunkering and simultaneous cargo handling operation.

Photos 2 and 3





Witnessed by Under Secretary for Transport & Logistics Mr Liu Chun San (fourth from left), Director of Marine Mr Wong Sai Fat (third from right) and CLPe Managing Director Mr Ringo Ng (fourth from right), CLPe teams up with CNOOC to supply approximately 10,000 cubic metres of LNG bunkering for a German container vessel during cargo handling operations at Hong Kong Kwai Tsing Container Terminals. This marks the largest single LNG bunkering operation in Hong Kong to date and is also the first time that ship-to-ship LNG bunkering with simultaneous cargo operation was conducted in Hong Kong.

Photo 4



The LNG bunkering vessel was *Haiyang Shiyu 301* – the largest vessel of its kind in the world, with a storage capacity of 30,000 cubic metres LNG and a refueling rate of 1,650 cubic metres per hour.

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