

September 26, 2024

Start of a Joint Study on a CCS Project in the Kawasaki Waterfront Industrial Complex Area

Taiheiyo Cement Corporation
TOYO WHARF & WAREHOUSE CO., LTD.

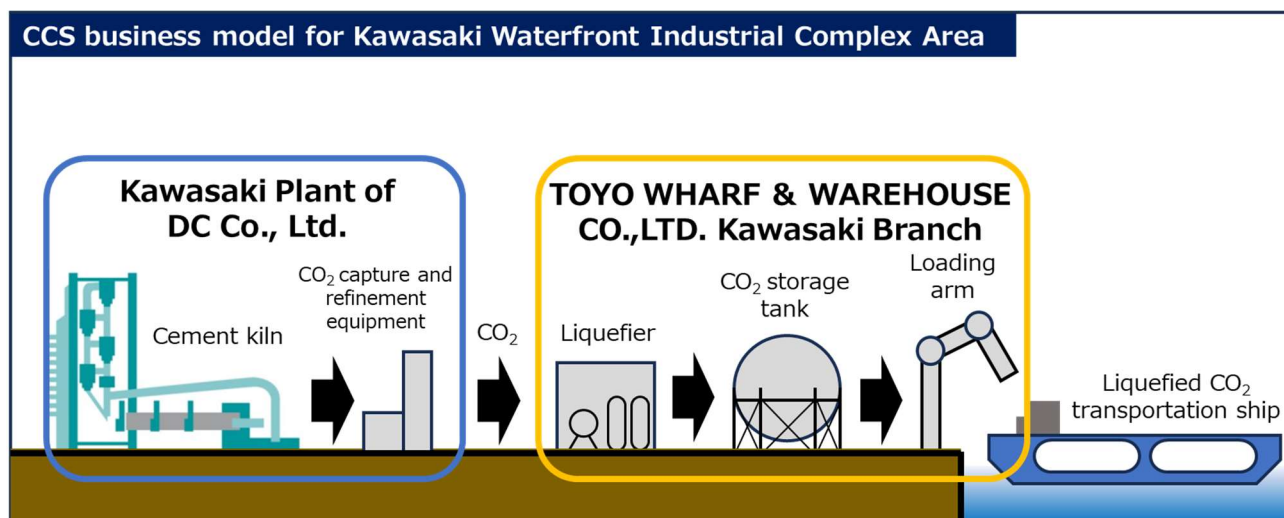
Taiheiyo Cement Corporation (Headquartered in Bunkyo-ku, Tokyo; President and Representative Director: Yoshifumi Taura; hereinafter “Taiheiyo Cement”) and TOYO WHARF & WAREHOUSE CO., LTD. (Headquartered in Chuo-ku, Tokyo; Representative Director and President: Masafumi Hara; hereinafter “Toyo Wharf & Warehouse”) have decided to jointly study the use of the Toyo Wharf & Warehouse Kawasaki Branch for the marine shipment of liquid carbon dioxide (CO₂) in the CCS project, which is currently being studied at the Taiheiyo Cement Group’s Kawasaki Plant of DC Co., Ltd. (hereinafter “DC Kawasaki Plant”).

In 2021, Taiheiyo Cement announced its “Carbon Neutral Strategy 2050” and is developing CCUS (carbon capture, utilization and storage) technologies to achieve carbon neutrality in 2050 throughout its supply chain. In August 2023, the company launched a study of the concept of a carbon neutral model plant at the DC Kawasaki Plant*¹ to scale up each developed technology to plant demonstration level. In addition, continuing on from the previous fiscal year, Taiheiyo Cement has been once again selected*² by the Japan Organization for Metals and Energy Security (JOGMEC) to be part of the Japanese Advanced CCS (Carbon Capture and Storage) Project (hereinafter JOGMEC/CCS Project), a public offered project in FY2024. The company is currently conducting a study on factors including facility design and business feasibility related to the refining, liquefaction, and shipment of CO₂ for subsea underground storage, which is planned to be captured at DC Kawasaki Plant using the C2SP Kiln®.

As a leading wharf company, Toyo Wharf & Warehouse has a long-standing presence in the Kawasaki port area, specializing in wharf-related operations, warehousing, and handling of a wide range of cargo across land, sea, and air. The company has been at the forefront of business developments aimed at achieving a sustainable future and a carbon-neutral society.

Taiheiyo Cement Group and Toyo Wharf & Warehouse have a long history of collaboration in coal loading, unloading and storage within the Kawasaki Waterfront Industrial Complex Area. Both companies have recently agreed to jointly study the use of the Toyo Wharf & Warehouse Kawasaki Branch as a base for the marine shipment of liquid CO₂ for the JOGMEC/CCS Project.

Taiheiyo Cement Group and Toyo Wharf & Warehouse will leverage this study to promote a pioneering CCS model project in the Tokyo metropolitan area, working collaboratively to realize a decarbonized society.



***1 Taiheiyo Cement News Release**

August 7, 2023 Launch of “Carbon Neutral Model Plant” concept study

<https://www.taiheiyo-cement.co.jp/english/summary/pdf/230807.pdf>

***2 Taiheiyo Cement News Release**

September 4, 2024 Seven Companies Announce to Conduct Engineering Design Work for Japanese Advanced CCS (Carbon Capture and Storage) Project

<https://www.taiheiyo-cement.co.jp/english/summary/pdf/240904.pdf>

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