

Cosco and Dalian develop tankers with carbon capture tech

[Adis Ajdin](#) August 5, 2022



DSIC

Dalian Shipbuilding Industry Co (DSIC), a subsidiary of China State Shipbuilding Corporation (CSSC) and Cosco Shipping Energy Transportation (CSET), the tanker operation unit of Cosco Shipping Group, have developed two types of tankers equipped with carbon capture and storage systems.

The vessels' conceptual design involved a very large crude carrier (VLCC) and a suezmax, which have obtained the approval in principle (AiP) independently issued by

three classification societies: DNV, ABS, and China Classification Society (CCS).

The design is a joint effort between the two parties to achieve the goal of carbon neutrality and follows on from the development of a [methanol-fuelled](#) VLCC and the [world's first LNG dual-fuelled](#) VLCC. Cosco initially ordered the vessel at Dalian as a standard fuel oil vessel back in 2017, but a year later opted to upgrade the tanker to make it dual fuel.