

April 05, 2022

**DNV awards KNCCs “Approval in Principle” for
PCO2® tank system for Liquefied CO2 transport at ambient temperatures**

Knutsen NYK Carbon Carriers AS

DNV has awarded Knutsen NYK Carbon Carriers AS (KNCC) with an Approval in Principle (AiP) for our PCO2® containment system for the transportation of liquefied CO2 at ambient temperatures. The award represents an important milestone in the technical and commercial development of KNCC enabling the company to provide a cost-effective, scalable and flexible offering across the CCS value chain.

For KNCC, the Approval in Principle forms a key element in our plans for building and operating CO2 carriers. Receiving a validation of our core technical concept by DNV, representing world class expertise in marine transportation of CO2, further strengthens our market position and growth opportunities.

KNCC is NYK’s and Knutsen’s gateway to CO2 shipping and represents a vital part in both shareholders’ business strategy to ensure that the Paris global climate objectives are met. The capturing and storing of CO2 will play a vital role in reaching these objectives and KNCC is well positioned to serve the CCS industry.

Svein Steimler, President and CEO of NYK Group Europe Ltd. and Chair of KNCC said “NYK is investing significantly in green technology to ensure that global targets for emission reductions are met. These investments are aimed to reduce emissions from our existing operations and equally important, to identify and verify alternative fuels and propulsion systems for the future. KNCC provides the solution for handling CO2 until the required global energy transition is in place, and represents an important additional element in NYKs strategy”.

Trygve Seglem, Owner and President of the Knutsen Group and Vice Chair of KNCC said “DNVs validation of the PCO2 technology for marine transportation of CO2 is proving, once again, that our technological and innovative approach to the shipping business is beneficial. I am certain that with the AIP in place, the foundation for building a commercially viable business in KNCC is further strengthened.

For further information about Knutsen NYK Carbon Carriers AS and its shareholders please visit the websites: www.kn-cc.com www.nyk.com www.knutsenoas.com

Knutsen NYK Carbon Carriers AS:

NYK and the Knutsen Group of Norway have established the joint venture company Knutsen NYK Carbon Carriers AS (KNCC) for the commercial development of a liquefied CO₂ marine transportation and storage business worldwide using the PCO₂® / Ambient solution. NYK and the Knutsen Group, each holds 50% stake in the KNCC. KNCC will also build and operate low/mid pressure vessels based on other technologies.

Carbon capture, utilization and storage (CCS) is an effective and necessary concept for realizing a carbon-neutral society. In this value chain, liquefied CO₂ carriers play an essential role in transporting liquefied CO₂ to the sites where it is stored and/or utilized.



For contact details, please refer to www.kn-cc.com/news/press-release



Overview of each company:

<KNCC>

Head Office: Haugesund, Norway

Business: Marketing and business development of liquefied CO₂ transportation and storage

Investment Ratio: NYK 50%, Knutsen Group 50%

CEO: Anders Lepsøe

Website: <https://www.kn-cc.com>



<NYK>

Head Office: Tokyo, Japan

President and CEO: Hitoshi Nagasawa

Website: <https://www.nyk.com/english/>



<Knutsen Group>

Head Office: Haugesund, Norway

CEO: Trygve Seglem

Website: <https://knutsenoas.com/>

