## Færder Tankers and CiP Partner to Launch Next-Generation Ammonia-Fuelled Medium Gas Carriers

## November 26, 2024

Further to the press release from Copenhagen infrastructure partners (CiP) earlier today, Færder Tankers Norway AS, ("Færder Tankers") is pleased to announce the signing of a Memorandum of Understanding (MOU) to develop ammonia-fuelled Medium Gas Carriers (MGCs) with full ammonia carrying capability for Copenhagen Infrastructure Partners (CiP), through its Energy Transition Fund (CI ETF I)

The innovative design will feature a 50,000 cbm capacity, equipped with dual-fuel ammonia engine, high manoeuvrability with retractable bow thruster and aft thruster, and full ammonia bunkering capabilities—all within the physical dimensions of today's MGCs which have been described as workhorses for the industry.

The first vessel is expected to be delivered in the second half of 2028, joining CIP's future fleet of ammonia carriers. This fleet will meet the transportation and bunkering demands of CIP's inaugural clean ammonia projects, enabling the delivery of end-to-end logistics solutions and ammonia on board (DOB) to shipping off-takers.

The objective is to facilitate the green transportation of clean ammonia by utilizing the cargo as fuel. Færder Tankers will employ a reputable third-party ship management company to ensure the highest standards of operational excellence.

Each vessel will be featuring front accommodation for crew members and a 360-degree view from the bridge. This design will enhance control during bunkering and ship-to-ship operations, while also improving hydrodynamics and fuel consumption efficiency.



The "WorkHorse" as we have chosen to call this design, is an ammonia ship designed with added functionality for offshore bunkering of merchant vessels with ammonia propulsion. For these offshore bunkering operations, the vessel is equipped with high-capacity cargo pumps, motion-compensated loading arms, and dynamic positioning capabilities. Additionally, it features fenders with mooring winches, allowing vessels to be bunkered from both the portside and starboard side of the ship

In a statement from Færder Tankers, the CEO, Capt. Paal Stenberg, said: "We are thrilled to announce this significant partnership with Copenhagen Infrastructure Partners (CIP) to develop the next generation of ammonia-fuelled Medium Gas Carriers. This marks a monumental step toward achieving our shared vision of sustainable maritime transportation.

These innovative vessels represent a breakthrough in design and functionality, combining state-of-the-art dual-fuel ammonia engines, superior manoeuvrability, and unparalleled bunkering capabilities—all within the trusted framework of today's MGCs.

This collaboration exemplifies our commitment to delivering green transportation solutions while setting new standards for safety, efficiency, and operational excellence. By utilizing clean ammonia as both cargo and fuel, we are not only advancing the decarbonization of shipping but also enabling the seamless delivery of CIP's clean ammonia projects to the global market. We are proud to play a pivotal role in the transition to sustainable shipping and look forward to seeing the first of these groundbreaking vessels join the fleet in 2028. Together, we are charting a course toward a cleaner, greener future for the maritime industry."

In a statement to their own press release, Niels H. Lindegaard, Senior Business Advisor, CIP said: "Our objective is to facilitate the green transportation of clean ammonia by utilizing the cargo as fuel. Partnering with innovative shipping companies like BW Epic Kosan and Færder Tankers is crucial to achieving this goal and to lead in the field of clean ammonia. The dialogue with leading companies has given us valuable industry insights and the ability to develop safe and robust end-to-end bunkering solutions as well as first-hand knowledge about critical developments and maturity of solutions."

## **About Færder Tankers:**

Færder Tankers is a dynamic Norwegian shipping company established in 2018, with its headquarters located in Nøtterøy, near Tønsberg in Norway. Our mission is to develop innovative projects and create value through the acquisition of both newbuildings and secondhand vessels. We are committed to pioneering initiatives that prioritize future fuels, driving the decarbonization of international shipping. Despite our relatively young status in the industry, our management team brings a wealth of experience and expertise, positioning us to make significant strides in the evolving maritime landscape. https://www.faerdertankers.com/

## **About CiP:**

Copenhagen Infrastructure Partners (CIP) is a global leader in renewable energy investments and makes significant and meaningful contributions to the green transition. CIP currently manages 12 funds, including the CI ETF I, which is the largest dedicated clean hydrogen fund globally. It invests in next generation renewable energy infrastructure including industrial scale Power-to-X (PtX) projects and enables institutional investors to participate in the decarbonization of the so-called hard to abate industries such as shipping, steel production, and agriculture through the use of green fuels and feedstock and CO2-free fertilize. To deliver on the CI-ETF I's hydrogen strategy and broader decarbonisation plans, the fund has established a portfolio of ~10 GW of electrolyser capacity projects, ranging from large multi-GW export projects to fully integrated energy systems servicing domestic demand in its base case portfolio. CI-ETF I's product portfolio ranges from green hydrogen to green and blue ammonia and E-SAF.

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