

## Press release:

### Viasea Shipping plans to build hydrogen-powered container ships

10th of November 2023



Enova is providing substantial support of a total of 171.8 million Norwegian kroner to Viasea Shipping for the acquisition of two hydrogen-powered container ships. Once completed, these ships will be deployed in Viasea's existing routes between Norway and the Northern Europe.

Viasea aims to take the lead and inspire the maritime industry to invest in emission-free vessels. This vessel concept is designed for exceptionally lower energy consumption, combining new, emission-free technologies such as green hydrogen and rotor sails for the direct utilization of nature's own renewable energy.

Hydrogen refuelling is initially planned in Norway. As hydrogen becomes available elsewhere along the planned route, the ships will be able to operate entirely without diesel. At the startup the combination of hydrogen and diesel operation will result in over a 75% reduction in CO2 emissions compared to an equivalent diesel-powered vessel. With 100% hydrogen operation, the ship will be emission-free.

## **Viasea's Green Vision**

For Viasea Shipping, offering greener freight alternatives to the market is crucial. Since the founding of the company in 2016, the vision has been to provide the best sea freight option compared to road freight, considering environmental impact, time, and cost. The latest strategy places even more emphasis on the environmental and sustainability aspects of sea freight, with plans to build two new ships supported by Enova funds.

*"We believe that advanced green hydrogen technology will revolutionize maritime transport in Europe, resulting in zero emissions. Since the founding of Viasea Shipping seven years ago, the goal has been to deliver more sustainable transport to the market. First as a greener alternative to road transport, and now with a focus on zero-emission maritime transport in Europe. This is our first step."*

**Morten Pettersen, Managing Director Viasea Shipping**



*"Viasea's commitment to building these advanced ships demonstrates that logistics companies can be pioneers for a sustainable future. Through our investments in innovative technology, we are not only leading in the transport industry but also setting a bold example of how logistics can offer customers innovative and sustainable solutions, forming the basis for a sustainable future."*

**Rohit Sharma, Sustainable Advisor, Viasea Shipping, ColliCare Group**



## **Collaboration with Norwegian Ship Design**

Viasea has engaged The Norwegian Ship Design Company to develop the zero-emission ship concept powered by hydrogen and wind. The short sea container ship concept is based on scaled-up concept solutions of technology developed under the designation "Powered by Nature," which the company has developed in collaboration with Egil Ulvan Rederi. The "Powered by Nature" concept has garnered international recognition for its state-of-the-art technological solutions.

## **About Enova**

Enova SF is owned by the Ministry of Climate and Environment in Norway. Enova's mission is to contribute to a faster transition to a low-emission society. Enova's goal is to realize projects that contribute to Norway fulfilling its climate commitments and transitioning to a low-emission society.

Read more: [Enova's official website](#)

Press release from Enova: [Link to press release](#)

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**About Viasea;** Viasea Shipping was established in the fall of 2016 with a primary focus on shortsea traffic between Europe, the Baltic region, and Norway, with fixed sailing schedules and weekly arrivals in Norway. Current routes include Lithuania, Poland, England/UK, the Netherlands, and Norway, coordinated with lines from Portugal and Spain. Viasea has service offices in Moss, Rotterdam, Gdynia, Klaipeda, and Immingham. The vision of Viasea is that their services should always be the best sea freight alternative to road freight, considering environment, time and cost.