



FOR IMMEDIATE RELEASE

Boomsma Shipping eSigns contract with Econowind for latest VentiFoil Installation

Sneek, Netherlands

Even with the restrictions and challenges that face the shipping industry with the Corona virus pandemic and the latest low oil prices, wind assisted propulsion solutions are still making headway. Netherlands-based eConowind and Boomsma Shipping announced their collaboration with eConowind contracted to install two of their wind-assist VentiFoil units on one of Boomsma's vessels.

"We believe it is necessary and very important to accept sustainability challenges to reduce our environmental footprint. Together with the IMO decarbonization goals for 2050 we want to do our part to reduce our fuel consumption and CO2 emissions as soon as possible." states Johan Boomsma, co-owner of Boomsma Shipping BV.

The eConowind-units are both integrated in a specially designed Flatrack from which a folding VentiFoil can be deployed, these are ridged aspirated wing profiles acting as sails. The Flatrack is designed to optimize the handling of the VentiFoil. The VentiFoil (Wind Assisted Ship Propulsion Units) by Econowind are designed as optimal compact (non-rotating) wing profiles, creating superior thrust by means of the principle of boundary-layer-suction, for which ventilators are mounted inside the VentiFoil. Due to the generated thrust by the eConowind-unit, the thrust of the propeller can be reduced to maintain the same speed leading to fuel savings and emission reductions.

Johan Boomsma adds: "With the help of the Wind Assisted Ship Propulsion (WASP) project, part of the EU Interreg North Sea region program, we will install this innovative technology on one of our vessels and research the actual operations and monitor the savings, which are expected to be in the region of 10%. Doing so, we will contribute to an environmentally friendlier shipping industry."

The WASP (Wind Assisted Ship Propulsion) project is funded by the Interreg North Sea Europe program, part of the European Regional Development Fund (ERDF) and brings together universities and wind-assist technology providers with ship owners to research, trial and validate the operational performance of a selection of wind propulsion solutions.

His brother Ton Boomsma, co-owner and CTO of the company adds: "We selected a Flatrack solution as we expect that will give optimal results on our ship. The Flatrack units can be placed at different locations on the ship and can be handled with our hatch crane, thus giving us optimal flexibility."

“We are delighted to move onto the installation stage of the project, working hand-in-hand with the team at Boomsma Shipping. The new Flatrack design has the flexibility of a container, being movable by the hatch crane, needs limited installation time and has possibility for use on several vessels.” Frank Nieuwenhuis, CEO of Econowind, summarizes.

The installation of the system is scheduled for September 2020, barring any delays given the current situation. The installation will then be monitored and evaluated throughout the rest of 2020 & 2021.

-ENDS-



Johan Boomsma (left) and Frank Nieuwenhuis (right) sign contract “Corona-Free” online

Interreg
North Sea Region
WASP

European Regional Development Fund



EUROPEAN UNION

FURTHER INFORMATION FOR JOURNALISTS

Boomsma Shipping BV

Founded in 1968 in the City of Sneek, The Netherlands, Boomsma Shipping is a family-run business providing a range of shipping services including multi-purpose vessels up to 8,500 DWT and comprehensive ship, fleet, crew and commercial management.

Operating in the full Atlantic basin including the Mediterranean, Black Sea and Baltic, we are a dedicated team of professionals committed to delivering creative and reliable shipping services that will transform your business. Safe and efficient maritime operation is the trademark of Boomsma Shipping, underpinned by the highest levels of quality, health and safety and environmental best practice.

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eConowind BV

eConowind offers and provides wind-assisted propulsion to seagoing ships. Ventifoils can be containerized inside a 40ft container or fixed to a vessel so the size of the foils are not limited to container dimensions.

The Ventifoil is a wing shaped element using modern innovations in aerodynamics creating high propelling force relative to its size. Smart suction is integrated in the wing, resulting in double the force of the Ventifoil, while reefing when needed.

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WASP Project

The WASP (Wind Assisted Ship Propulsion) project, funded by the Interreg North Sea Europe programme, part of the European Regional Development Fund (ERDF) to the tune of €5.4 million. The project brings together universities, wind-assist technology providers with ship owners to research, trial and validate the operational performance of a selection of wind propulsion solutions thus enabling wind propulsion technology market penetration and contributing to a greener North Sea transport system through harvesting the regions abundant wind potential. This fully aligns with the wider programmes' objective of promoting the development and adoption of products, services and processes to accelerate the greening of the North Sea Region.

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