

SevenCs Supports Wind Propulsion in Shipping

SevenCs is part of the EU INTERREG V A cross-border project 'MariGreen' to support the maritime industry in the transition towards more efficient, greener and more sustainable shipping. SevenCs engages in the MariGreen work stream 'Wind propulsion in commercial shipping'. As a partner in the subproject 'Windship Modelling and voyage optimization' SevenCs will investigate, together with the project partners, vessel modelling software providing automated voyage optimisation criteria for wind propulsion supported vessels.

The number of external parameters influencing a voyage significantly increases for this type of vessel. Therefore the development of the vessel modelling software and the connection of this software to the main navigational tool on board, the ECDIS, are the core requirements within this project. The result will be an optimised voyage plan for a particular wind propulsion supported vessel to prove ship efficiency for such vessels under commercial conditions.

The [MariGreen project](#) develops innovations for greener and low-emission shipping and supports in particular small and medium enterprises. There are twelve innovation projects behind "MariGreen" that are dealt with by a total of 59 partners located in the Netherlands and Germany. Alternative fuel for ships, Wind Energy Systems for freight and passenger shipping, improvement of logistics operations, resource-efficient ship operations and safety issues in nautical education and training are among the main topics.

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