

# NAVAIS will organise a series of webinars

**MDEM invites all who are interested in innovations and approaches to design and shipbuilding development in general to participate in the series of webinars organized by NAVAIS research project.**

**SAVE THE DATE**

**NAVAIS**  
New Advanced Value-Added Innovative Ships

**NAVAIS WEBINARS**

11th and 18th February 2021  
11th and 18th March 2021

 **This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.: 769419**

As announced in the previous publications, MDEM participates in the European Union NAVAIS (New, Advanced and Value-added Innovative Ships) project, which received funding from the EU Research and Innovation program Horizon 2020, the Grant Agreement No. 769419.

Worldwide competition is fierce. To maintain world-leadership in complex, value-added, and highly specialized vessels, European shipbuilders must develop tailor-made innovative concepts that are efficient for designing and building.



The NAVAIS project is developing a platform-based modular product family approach supported by the 3DEXPERIENCE® platform. This concept will increase efficiency in vessel design and flexibility in production networks. The project focuses on passenger/road ferries and multi-use workboats integrating sustainability in the ships' design.

NAVAIS will support the transfer from an engineered-to-order business model to an assemble-to-order business model. It will allow shorter process lead-times, consistent quality, reduced design and production costs, and better integration of the SME supply chain, thereby increasing the European shipbuilding industry's competitiveness.

NAVAIS announced the launching of the series of 4 webinars, aiming not only to inform you of the progress the project is making but also to speed on several other related developments, including the EC-funded TrAM project and inspiration from outside the marine industry.

#### **Webinar 1**

The first of these webinars is scheduled for 11 February from 15:30 – 17:00 (CET).

#### **Programme (tentative)**

Model Based Systems Engineering – new concepts and how “standardization” can benefit owners:

- Why a structured approach to Requirements Functional Logical Physical (RFLP) – presented by Delft University

- Configure to Order – impact on ship contracting as compared to Engineer To Order – presented by Damen
- Model Based Systems Engineering – software system – presented by Dassault Systèmes

#### **Webinar 2**

The second of these webinars is scheduled for 18 February from 15:30 – 17:00 (CET).

Modular Design & Engineering – Sustainable, low-impact platform-based ship design;

- Systems engineering principles in shipbuilding – a demo case example - (Damen);
- Environmental impact reduction – optimization (Bureau Veritas)
- Underwater Radiated Noise (URN) prediction tools – designing for low URN in early design stages (MARIN)

#### **Webinar 3 and 4**

The third and fourth webinars are scheduled for 11 March and 18 March from 15:30 – 17:00 (CET).

The detailed programme will follow at a later date, however, you can already register using the registration form.

#### **Registration**

To participate in a webinar, please click the button below and fill out the form no later than two days before it starts.

Would you already like to register, please do so [here](#)