

WIND PROPULSION FOR SHIPS



November 20, 2024

ATHENS



**RI
SE**



NORSEPOWER

OCEANWINGS



bound4blue

Welcome to an open workshop on the potential of wind ship propulsion in Athens!

The Greek Section of SNAME and RISE (the Research Institutes of SWEDEN) are jointly organizing an open workshop on the potential of wind ship propulsion in Athens. The event is specifically directed towards ship owners, ship managers and ship operators who want to learn more about the potential and prospects of wind-assistance technologies.

Experts from RISE will present the latest regarding wind-powered ships, discuss how wind propulsion influences ship operation, and how it can help to improve fuel efficiency, EEXI ratings and CII values.

Six leading providers of wind propulsion technologies will present their systems and be available for questions. Representatives of major Class Societies and of the Greek Shipping industry will be discussing the prospects of wind ship propulsion in the light of most recent technological and regulatory developments.

The participation at the workshop is free of charge thanks to the coverage of the catering by sponsorships of BV, ABS, DNV, LR, The Swedish Club and OceanKing. A pre-registration is required for all participants of the event.

Sponsors and moderators:

Registration: [LINK](#)



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PROGRAM

Registration, coffee, exhibition by technology providers 09:30-10:00

Opening address 10:00-10:30

Professor Apostolos Papanikolaou, National Technical University of Athens

Elizabeth Bouchard, SNAME's Executive Director

Introduction to wind propulsion 10:30-11:00

Frederik Gerhardt, Lead Naval Architect Wind-Powered Ships, RISE

- Technology & market overview
- EEDI, EEXI, CII - how wind can help

Presentations by 6 technology providers of wind propulsion solutions 11:00-12:30

- Norsepower
- Oceanbird
- Computed Wing Sails
- OceanWings
- Solid Sails
- Bound4Blue

Lunch and exhibition by providers 12:30-13:30

Ship design and operation aspects of wind propulsion 13:30-14:15

Sofia Werner, Lead Researcher Wind-Powered Ships, RISE

- Assessing & comparing wind propulsion systems for the business case
- Verification, performance guarantee & sea trials
- Operational aspects, manoeuvrability, crew training

Practical example of wind propulsion impact on FuelEU Maritime 14:15-14:30

Miltos Messinezis, Oceanking

Class approval process of wind assistance solutions 14:30-15:25

Karsten Hochkirch (DNV), Vassilis Dimoulas (BV), Spyros Hirdaris (ABS), Sotiris Skoupas (LR)

Coffee 15.25-15.45

Ship owners experience of wind propulsion 15.45-16.15

Representatives of Tsakos Energy Navigation, Minerva Marine, Thenamaris

Open discussion, Q&A 16:15-17:00

Discussion and questions on wind propulsion, from yards' and ship owners' and managers' perspective, moderator John Kokarakis, BV, SNAME Greek Section Chair

Mingle & Networking 17:00 –

Drinks & opportunity to meet technology providers

LOCATION

V.Ships Greece Ltd, Piliou 1, Pireas 185 41