

2nd ESN Webinar

"Digitalization and environmental sustainability as drivers in the change of Shor Sea Shipping"

25 July 2022

Supporting maritime sector to address "twin transition" challenges

Prof. Elias Yfantis, Senior Scientist, CMMI



European Shortsea Network

















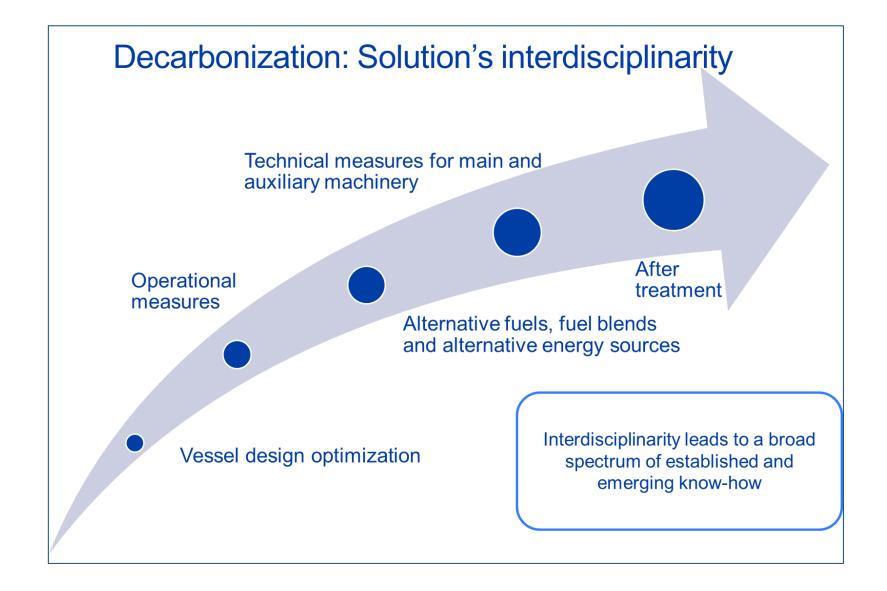












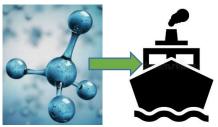
A-ZEST (Autonomous Zero-Emission Sea Transporter): An autonomous, fully electric, research platform and a testing bed

BioCH4-to-Market: Development of a virtual Gas-Grid solution and experimental investigation of the marine diesel engines performance and environmental behavior

ISEF model (Integrated Ship Energy Flowchart model): A hybrid (deterministic and AI) approach to develop the ship energy systems digital twin and support vessel's performance optimization

MSF455: A software tool for the technoeconomic assessment of the EU Fit for 55 legislation package impact on EU economies









Sea Vessel Optimization Remote Observation and Monitoring Training and mentoring in the blue sector

Blue Economy Digital Transformation Intelligent Marine Spatial Planning





