

# Optimized Propulsion and Energy Systems

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Ferry Shipping Summit 2022



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## Stena RoRo Orders More E-Flexer Class RoPax Incorporating Hybrid Power

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Online Article published by The Maritime Executive

"First introduced in 2020 with the **Stena Estrid**, the class was **recognized as among the most advanced and energy-efficient RoPax ferries**. [...] The optimized hull design, propellers, bulbs, and rudders helped the vessels to be up to **30 % more fuel-efficient than existing vessels**. "

**The Maritime Executive**  
INTELLECTUAL CAPITAL FOR LEADERS



Customer Review

# Integrated Propulsion Solutions

*Efficiency and Reliability Booster for New Builds and Existing Vessels*



Propulsion  
Systems



Electrical  
Integration



Energy Efficiency  
Optimization



Global  
Presence



Training



# From the First Idea

Solution Concept Based on Your Unique Needs



*Existing Vessels  
& New Builds*



Operational Profile, Ship  
Requirements & Constraints



Hull and Ship Data



Propulsion Selection

# From the First Idea

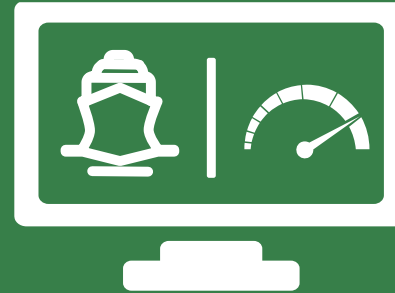
Solution Concept Based on Your Unique Needs



Performance Analyses



Power Options



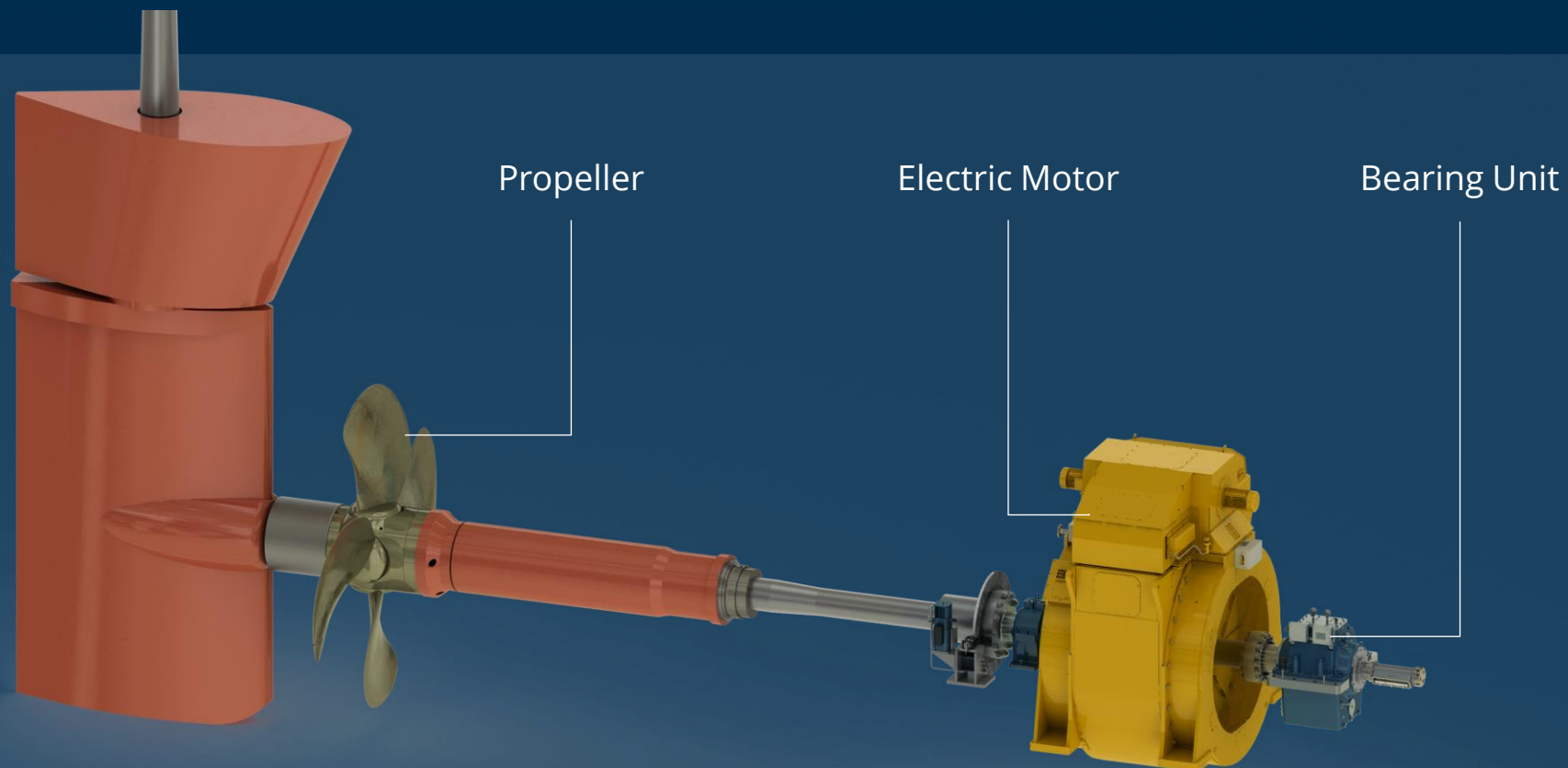
Performance Results



*For Best Overall Efficiency and Up-Time*

# Innovation

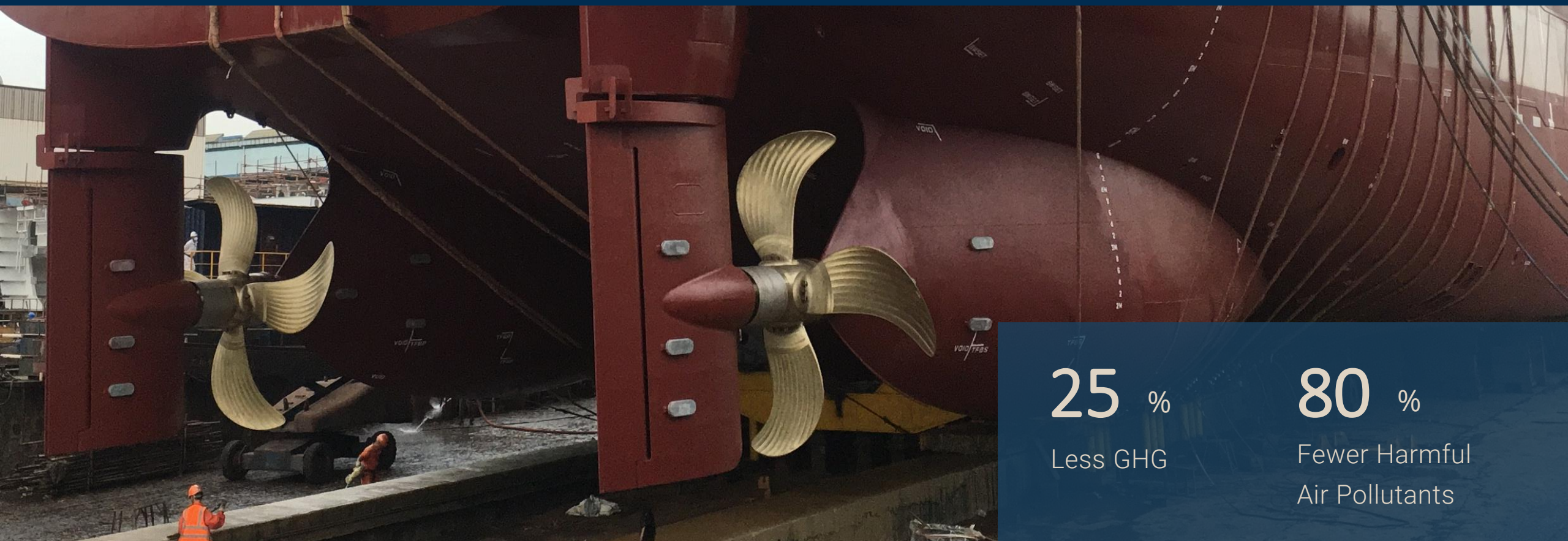
Improved Efficiency, Reliability and Flexibility by Simplicity





Innovation

# In Action



25 %  
Less GHG

80 %  
Fewer Harmful  
Air Pollutants



**Per Wimby,**  
Project Leader



"After a long period of optimization and testing with CMH/Deltamarin, MARIN and BERG Propulsion, we now see **the final product** which **is the most efficient ship in Stena's history.**"



Customer Review





# For the Greener Future of Your Fleet

Talk to Us



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