

The first LNG Carrier with
Wind-Assisted Ship Propulsion Systems

Wind Challenger on LNG Carrier

GIIGNL 2024
General Assembly
Hiroshima
7 October 2024



01 Why Wind Challenger on LNG carriers?



1. Environment

- Fuel saving up to 12% per voyage / annual average 6~7% per voyage
*based on simulation study for US Gulf - Europe route, subject to actual weather and sea conditions

2. Trading Flexibility

- Approached over 50 terminals worldwide, and no major concerns on ship shore compatibility

3. Safety

- Various operational simulations and risk assessments including GTT's cargo tank performance review, resulting in acquisition of AiP (Approval in Principle) from Class NK

4. Technology

- Telescopic sails made of FRP (Fiber Reinforced Plastics) + Weather routing system and automatic sail control system equipped onboard

02 Goal of Wind Challenger on LNG carriers



As a leading shipping company, MOL are committed to contribute to the sustainable growth of the LNG industry by reducing environmental impact of marine transportation





Thank you

Wind, unlimited thrust.

