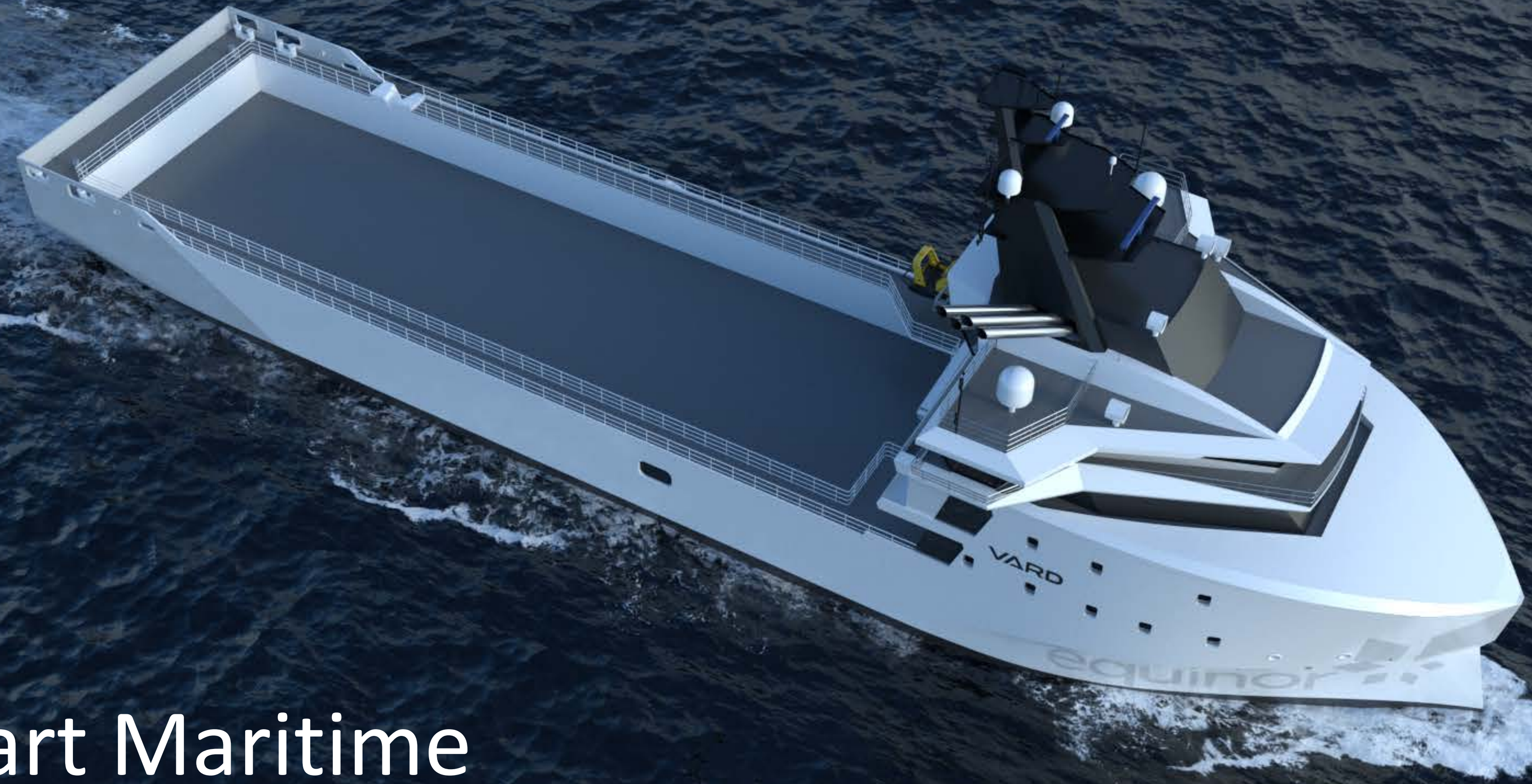


Built on trust™



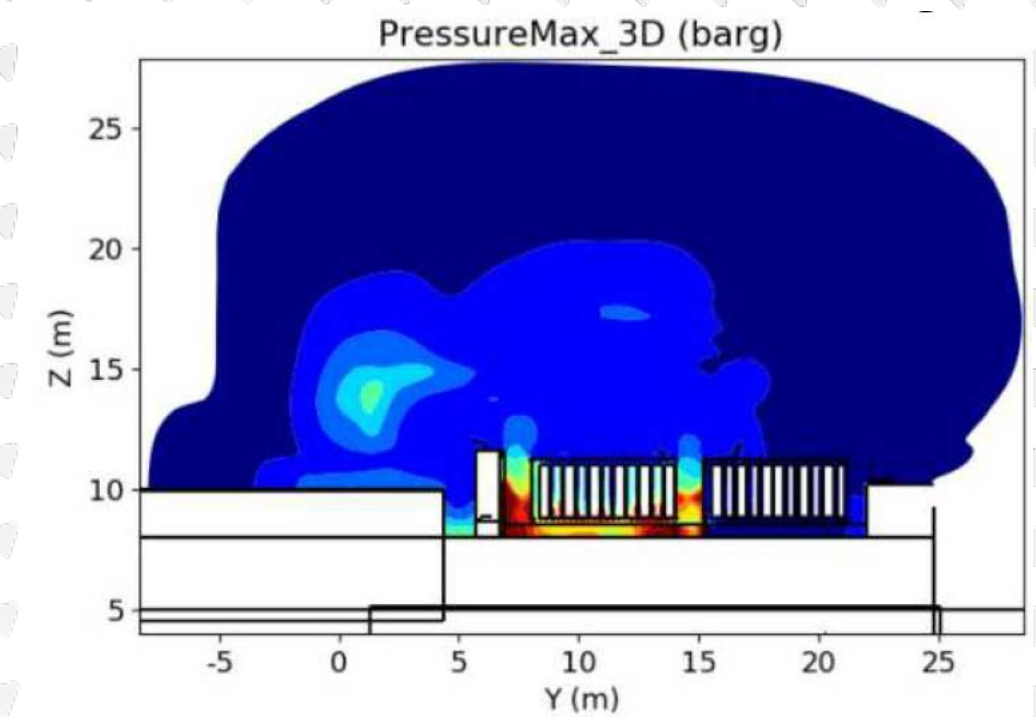
SFI Smart Maritime

VARD™
a Fincantieri company

ZeroCoaster

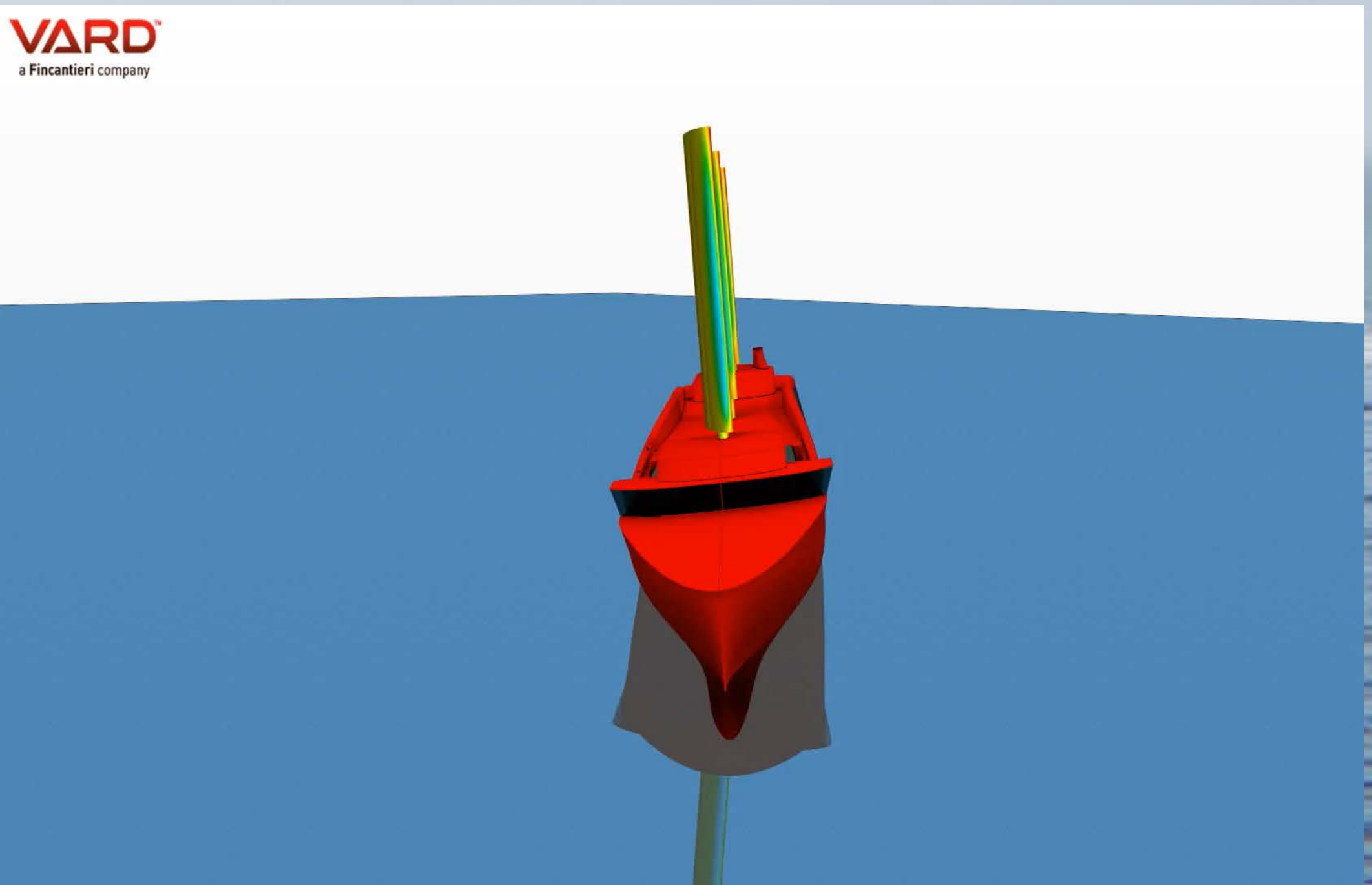
- Route planning and simulations
- Important project related to hydrogen as fuel and related risks and processes.
- 2020-22

Fire modelling



Cruizero

- Various cruise hull designs and sail types evaluated
- Simulations of specific routes – evaluation of concepts
- Studies of integration of sail solutions
- 2020-22



PIEZO – Plug-In Electric Zero-emission Offshore vessel

- VARD 1 Series Electric PSV
- 16MWh Corvus Blue Whale
- Over 80% annual reduction in CO₂ emissions
- Dimensions: 81.7m x 18.0m
- 810m² Cargo deck
- 14 person accommodation
- Economical speed 10 kts



OCEAN CHARGER

6. Standardization

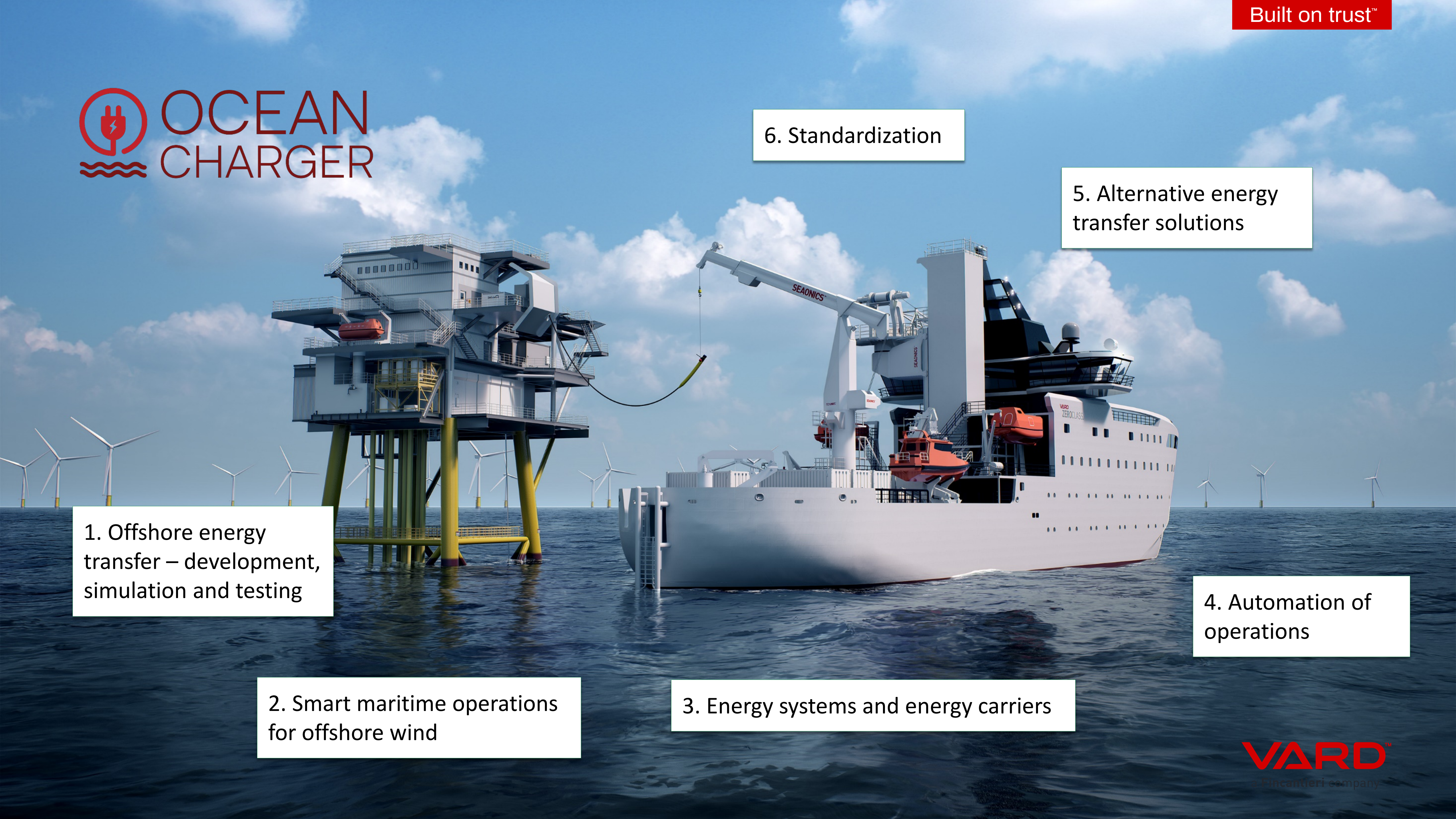
5. Alternative energy transfer solutions

1. Offshore energy transfer – development, simulation and testing

2. Smart maritime operations for offshore wind

3. Energy systems and energy carriers

4. Automation of operations



SeaZero

Concept visualisation by VARD



In collaboration with SINTEF and 12 other partners, Hurtigruten Norway will develop zero-emission ships specially adapted to the Norwegian coast.

Our goal is to have the first ship ready to sail by 2030



Key Takeaways

- Provides contact with SINTEF and NTNU, mutual project initiation
- A channel to those involved in international climate research on maritime
- A good meeting place and networking site with those who develop important tools, such as Gymir.
- We welcome further development of Gymir, 3D Veres and VSIM.

Thank you !



DOGGER BANK
WIND FARM

