
SUSTAINABLE ENERGY
NORWEGIAN CATAPULT CENTRE
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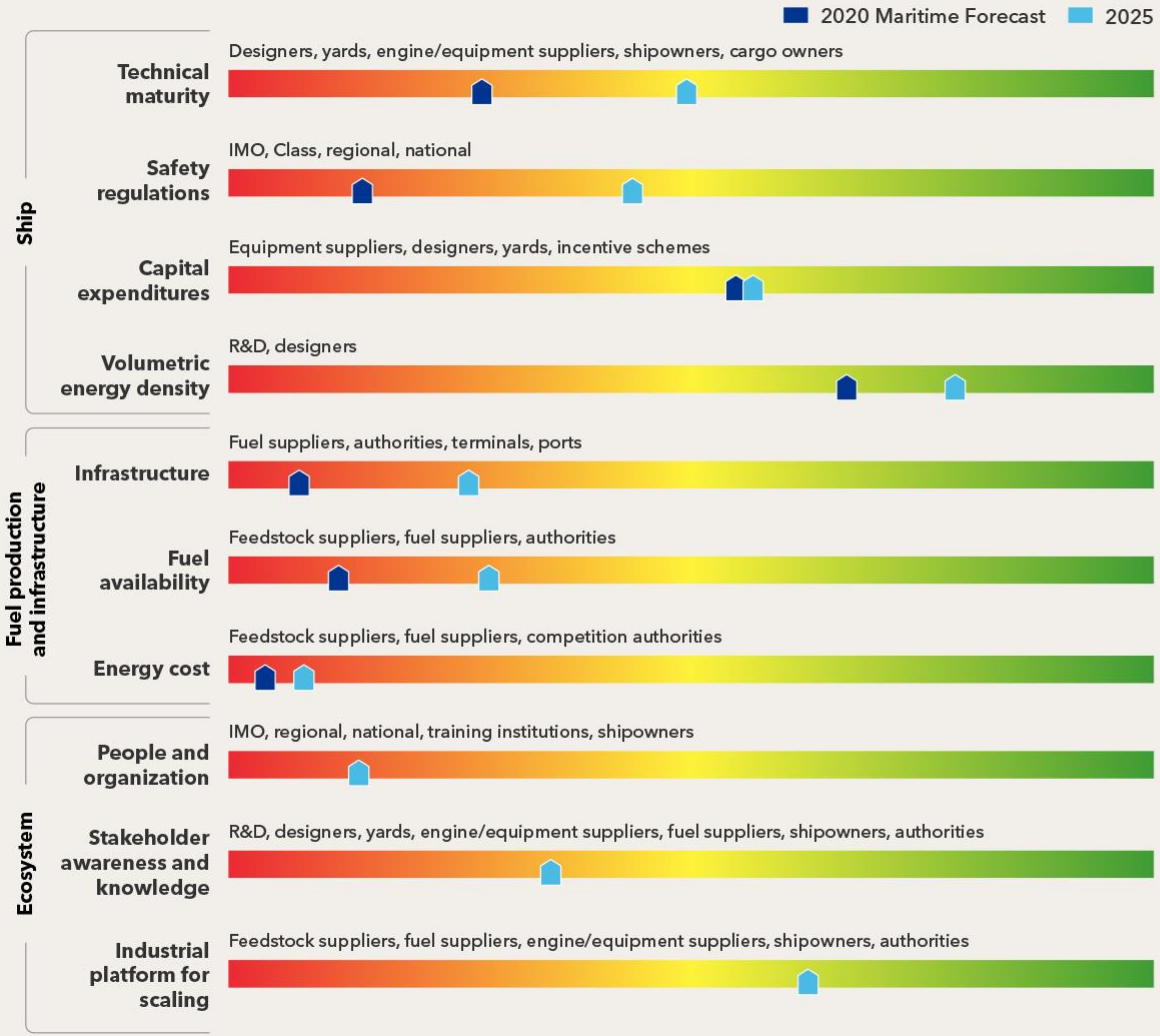
Test tech today.
GREEN SHIPPING | FLOATING OFFSHORE WIND | CCS | ENERGY TRANSITION
Proving Ammonia Through Testing
Tore Kallevåg, CCO, Sustainable Energy
www.sustainableenergy.no



DNVs barrier dashboard

SOURCE: AMMONIA IN SHIPPING TRACING THE EMERGENCE OF A NEW FUEL

Test your technology on zero or low carbon fuels

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STORD | NORWAY

AVAILABLE FUELS Ammonia | Hydrogen | Biogas Natural Gas | Methanol | Diesel Others On Demand

0-5 MW POWER RANGE

TECHNICAL ARRANGEMENTS Cooling, Gas Vaporising & Exhaust systems

PLANNING (TYPICALLY): Pre-project clarifications: 1-3 months
Technical preparations: 3-6 months | Commissioning engine: 1-3 months
Test periode: >1 months | De-commissioning: 1-2 months

OTHER SERVICES: Fuel logistics | Safety & Control systems On-site technical support | Commissioning/de-commissioning | Dedicated Offices & Control Rooms Remote Online Access | Video Monitoring | No On-Site Presence Required


Ammonia experts
BUNKERING, HANDLING
& TESTING FOR YEARS

AMOGY

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23 SEPTEMBER 2024:

World´s First Ammonia-Powered Vessel

Ammonia Combustion Engine

World´s first scaled test with a combustion engine on Ammonia.
3 MW combustion engine generator set currently testing.
Fully rigged test cell (engine room) with Hydrogen, Ammonia, Biogas, Natural gas
Advanced exhaust loop with SCR, Control and safety systems

WÄRTSILÄ Knutsen Group REPSOL equinor


Powered by LNG


HÖEGH EVI
Gas Solutions
A Wärtsilä Business
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AMMONIA CARRIER
HOEGH $NH_3 \rightarrow H_2$ CRACKER
FLOATING AMMONIA-TO-HYDROGEN CRACKER
210.000 tonnes H2/year

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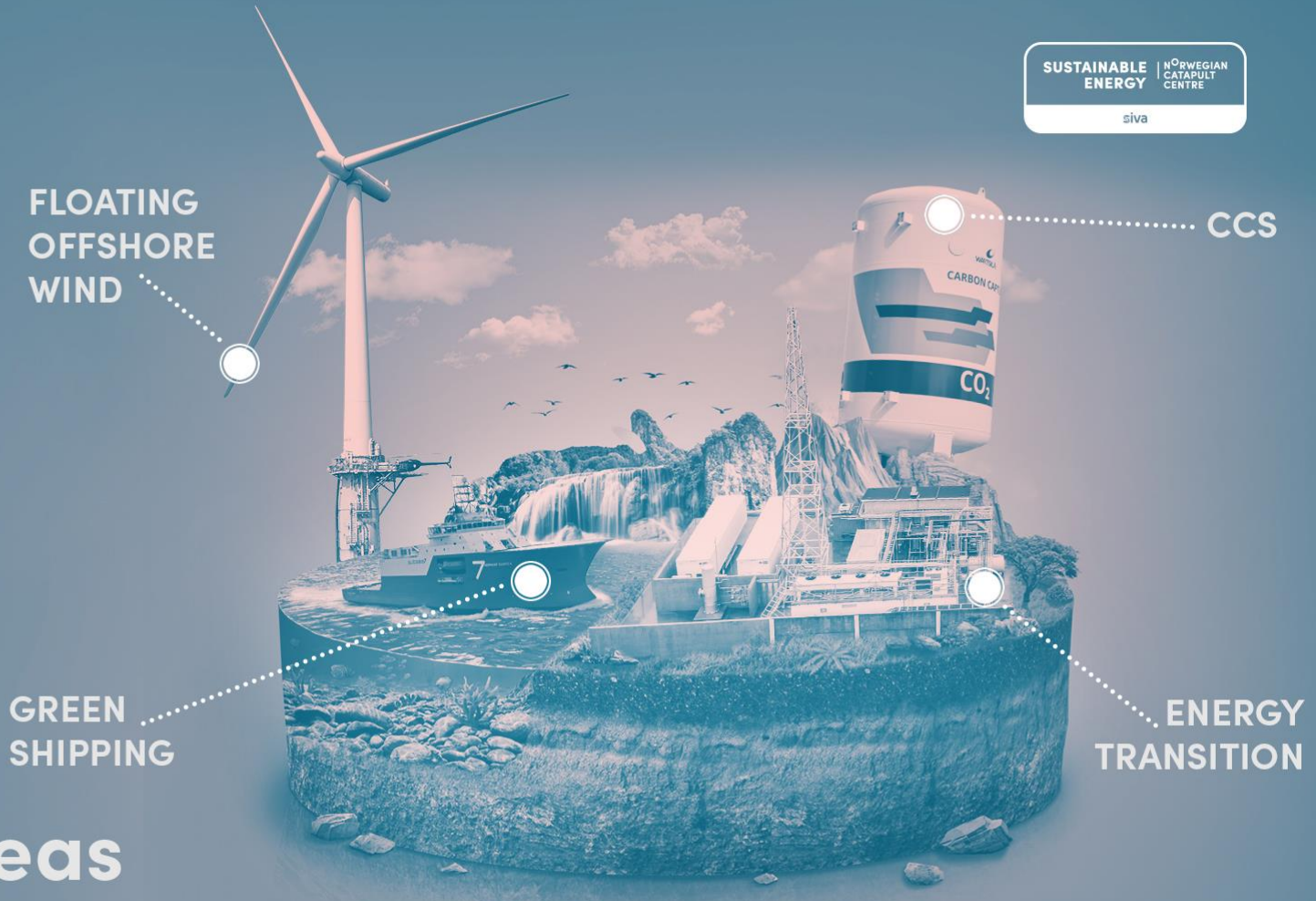
Focus areas

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