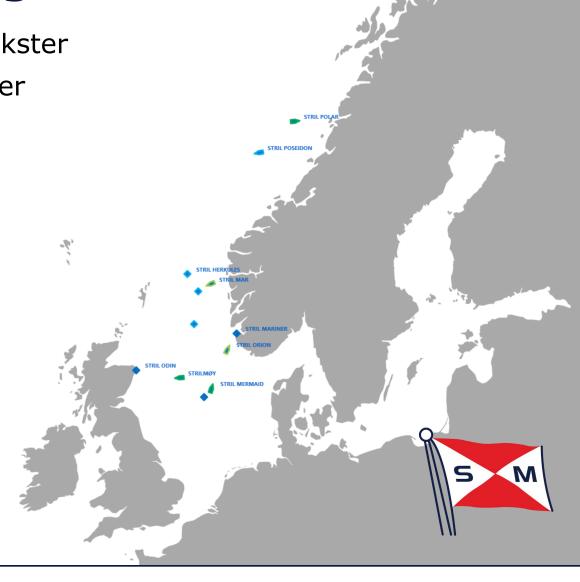


Simon Møkster Shipping

- Established in 1968 by Capt. Simon Møkster
- Fully integrated ship owner and manager
- 15 high-spec vessels
 - 9 PSV
 - 4 ERRV
 - 2 Subsea
- NOR & NIS flag
- 450 employees
- Main trading area is Norway and Northern Europe

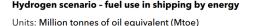


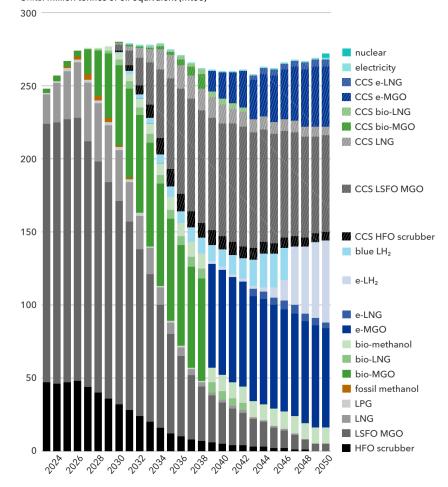




The Road to Net-Zero in 2050

- Ambitions, goals and increased national, regional and international regulations
- Norwegian regulation on low and zero emission offshore support vessels
- Avaliability of low and zero emission fuels will be a bottle neck
- New builds vs retro-fit
- The need for technologies that can decarbonise today's fuels



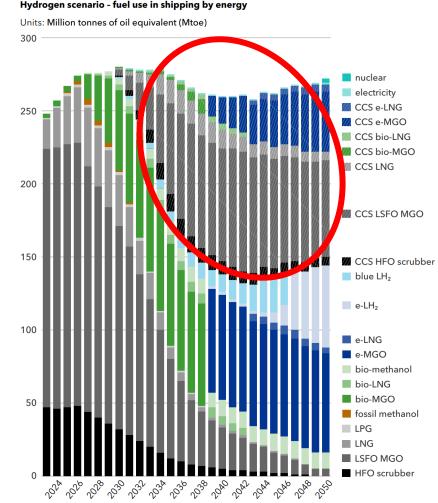


DNV Maritime Forecast to 2050



The Road to Net-Zero in 2050

- Ambitions, goals and increased national, regional and international regulations
- Norwegian regulation on low and zero emission offshore support vessels
- Avaliability of low and zero emission fuels will be a bottle neck
- New builds vs retro-fit
- The need for technologies that can decarbonise today's fuels
- We need onboard carbon capture!



DNV Maritime Forecast to 2050



Onboard Carbon Capture

- Mature technology onshore
- Successful full-scale pilots
- Continue to use existing carbon-based fuels – reduce risks related to availability and price
- Able to retro-fit on existing vessels
- Scalable technology
- Easiest, cheapest and safest low-carbon alternative that can be implemented today!

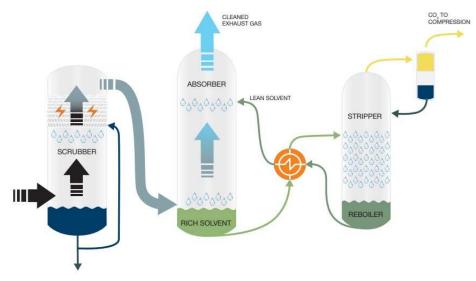


Illustration: Wärtsilä Moss



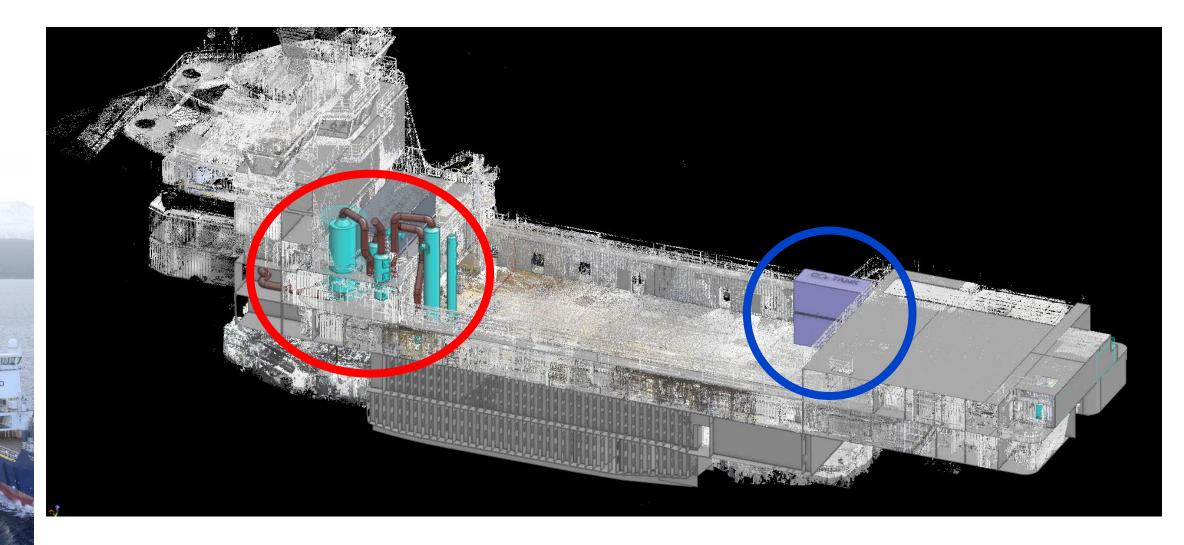
"The Road to CCS"

- Pilot project for onboard carbon capture on an offshore vessel
- Technical feasibility study completed in 2023
- Wärtsilä Moss' amino acid technology
- 70 % reduction in emissions
- «Stril Barents» PSV built in 2015
- LNG and battery hybrid
- Grant from ENOVA under the program «Banebrytende maritim teknologi»
- Partners are Wärtsilä Moss, Vår Energi and Sintef





"The Road to CCS"



Current Challenges

- CO2 value chain how to get rid of the captured CO2
 - The carbon value chains have to be established
 - Not viable to establish full value chains around small emitters with small volumes
 - Value chains for large emitters awaiting large-scale storage projects
 - Strict requirements for purity for utilisation
- Uncertain framework conditions on carbon capture, utilisation and storage
 - Development of new storage projects
 - Recognition of carbon capture in various regulatory frameworks: EU ETS, FuelEU Maritime, etc.

