



Trond Johnsen, SINTEF Ocean

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BEYOND 2023

S S Centre for Research-based Innovation

www.smartmaritime.no

The Research Council of Norway





Norwegian R&D Centre for Zero-Emission Shipping







Smart Maritime R&D centre

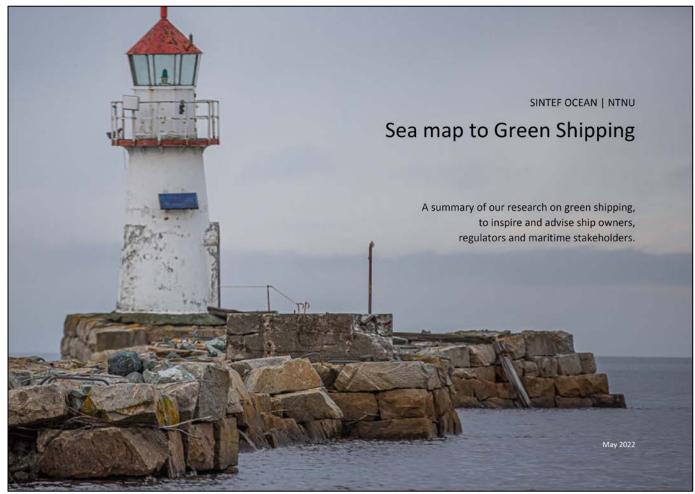
- Private funded centre project
- Main goal: Driver for R&D towards
 Zero-Emission Shipping
- 3-years strategy for scope and activities
- Managed by SINTEF Ocean with support from NTNU







Smart Maritime sea map to green shipping





DDA comprehensive review of
technology, alternative fuels as well as
the thinking behind and methodology
for decarbonizing shipping.







Proposal – Financing

- Annual fee:
 - 50-100 KNOK for large companies
 - 25 KNOK for SMEs/organisations/public actors
- Conditions for withdrawal as today (6 months notice)
- SINTEF/NTNU inkind contribution (500-1000KNOK/year)
- RCN support for dissemination/arrangements (250-500KNOK/year)
- Total budget around 3 MNOK/year





FME MARTIVE ENERGY TRANSITION

