

Trond Strømgren:

Hydrogenbåt i Sogn og Fjordane

Brødrene Aa

2 x 600 kW el.motorer
150 pax - 28 knop

450 kg hydrogen lagerkapasitet
1,4 MW brenselceller

Mancraft
Florø Skyssbåt
Flora kommune



ARENA Ocean
Hyway Cluster



Ruta Florø-Måløy

- Batteri + hydrogen
- 2 x t/r kvar dag
- Diesel = MNOK 11,6
- Hydrogen = MNOK 13,9
- Differens drift = MNOK 2,3 (inkl. kapitalkostnader)
- Støtteordningar for dei første
(Innovasjon Norge, ENOVA, Nox-fondet etc)





Norled

Battery + hydrogen

400 kW FC

299 pax

80 cars

82 meters

Operation 2021

Westcon P&A

LMG Marin

FLAGSHIPS

M€ 5 EU-funding

Projects Under Development in Norway



ZEFF,
Pilot E



Flying Foil, Pilot
E



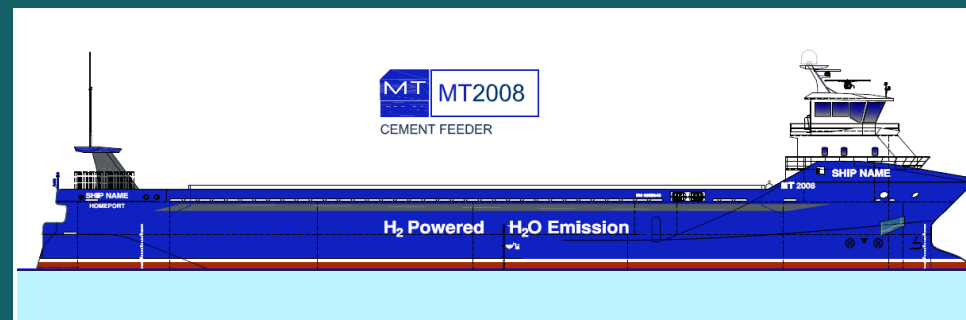
Sea Shuttle, Pilot E



Fiskerstrand Ferry, Pilot E



Moss, LH2



Bulk ship, H2 Shipping / Marin



Havila Kystruten, Pilot E

Projects Under Development in Europe and USA



MARANDA, 165 kW FC
Operation 2019
Finland



Golden Gate Zero
360 kW FC, Operation 2019
USA



Hyseas III, 700 kW FC
Operation 2021
Scotland



Inland freighter, 1,0-1,4 MW FC
Operation 2020, Netherland



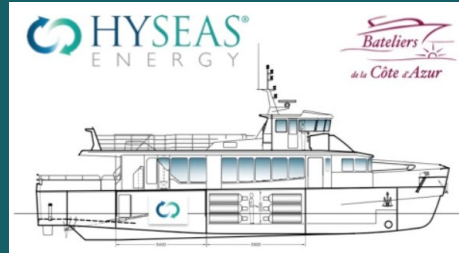
Zero-V H2 Research vessel
California, USA



CFT Flagship, 400 kW FC
Operation 2021, France



HyDIME (hydrogen +
diesel) Operation 2020
Scotland



HySeas Energy
France



Viking Cruises
USA



RiverCell/ELEKTRA
Push tug, 192 kW FC, Germany

Contact



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