The fast ferry of the future

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Zero emission fast ferry – a R&D project

A cooperation between Trøndelag, Vestland, Nordland and Troms og Finnmark County authorities

Two focus areas:
- Safe design – long distance (new energy carriers)
- Efficient design – low energy consumption
Ambition
From worst to best

Goals
- Lower energy consumption
- Increased comfort
- Faster
- Cheaper
- Zero emissions

Key figures
10 years (2016 – 2026)
- 4 vessels
- 65 M€ (10€ so far)
- 200 km
- >30 knots
- 100 -250 PAX
The five stages

Timeline

2021 2022 2023 2024 2025 2026
Method
An innovative public procurement

Role
«Demanding customer»

Advantages
Share risk
Large customer
Milestones (stage II)

- Concept development
- Final design and preliminary approval (hydrogen)
- GA (drawings)
Stage III/IV—Construction and demonstration (pilot)

- Construction
- Infrastructure (pier, charging etc.)
- Demonstration
  - 4-8 months without passengers
  - 12-18 months test in regular operation
Trøndelag fylkeskommune
Trøøndelagen fylhkentjelte

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