

# Smart fjord crossings

(Autonomous electric ferries)

## GSP fase 5 pilot

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# We're on TV!



Flere tar til orde for å modernisere fergene og satse på fergetrafikk i stedet for tunneler.

NRK Nyheter 21:06

1. Dagsrevyen 21 2. Angrepet mot Norkart 3. Nyhetsmeldinger 4. Journalist drept i Midtøsten 5. Selvkjørende ferger 6. Stemmerett for 16-åringer

Vis mer

**I dag – Velger ferger foran dyre veger**

I dag – Velger ferger foran dyre veger · 19 min

Debatt om bygging av broer og tunneller.



Foto: Grønt Skipsfartsprogram / Jørgen Haland

NRK Nyheter 19:45

1. NRK Rogaland 2. Vi modernisere ferjetrafik... 3. Store havvind planer i Nor... 4. Borgli kommenterer 5. Haaland til City 6. DIREKTE 1

Vis mer

**I dag kl. 19:45**

I dag kl. 19:45 · 14 min

## Why did we start this pilot?

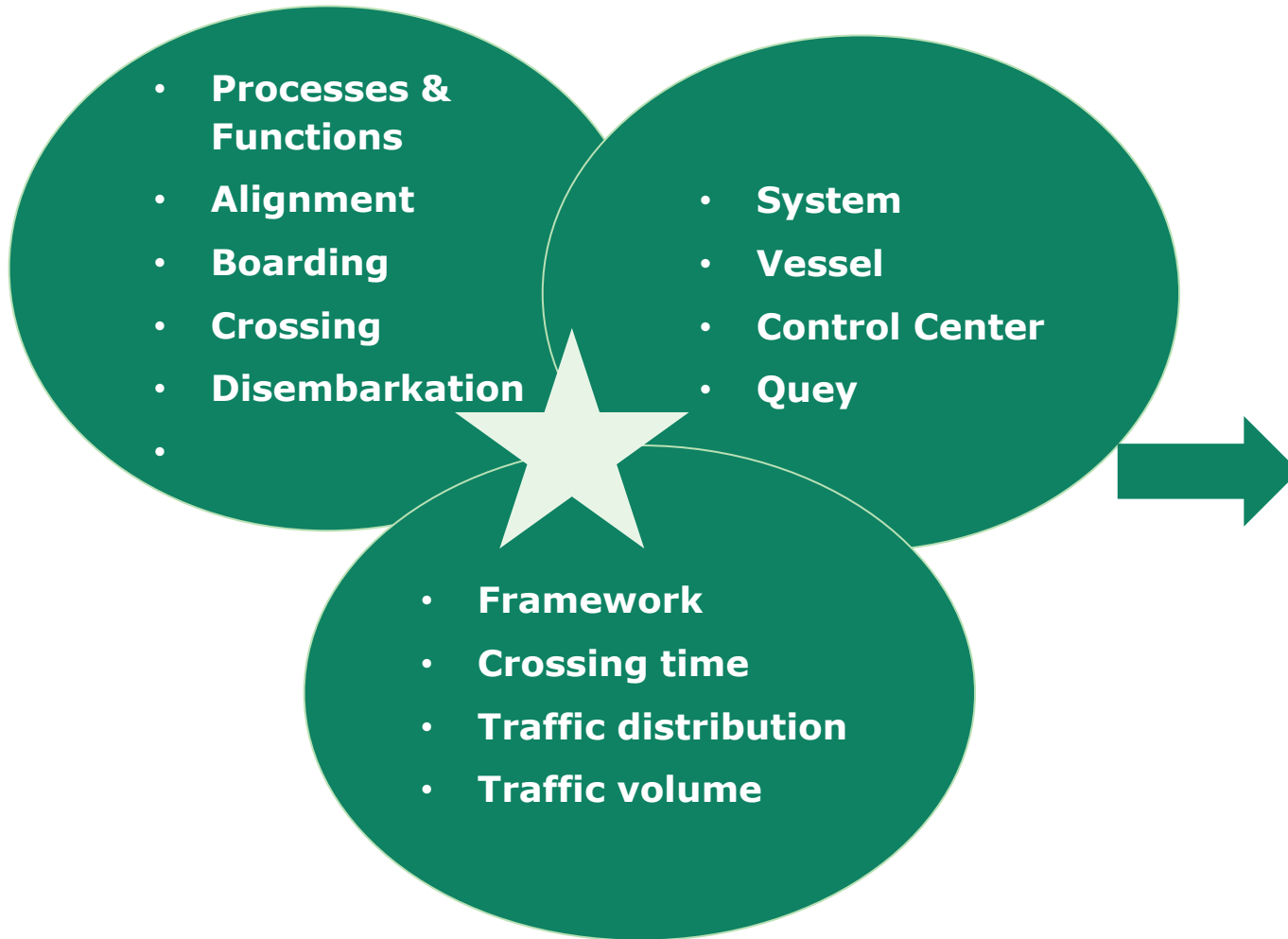
Can the smart ferry systems of the future be a greater alternative to the development of bridges or tunnels?

Can we achieve a better offer than the current ferry solution to users?

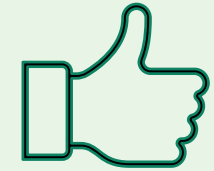




# Main activities of the pilot study



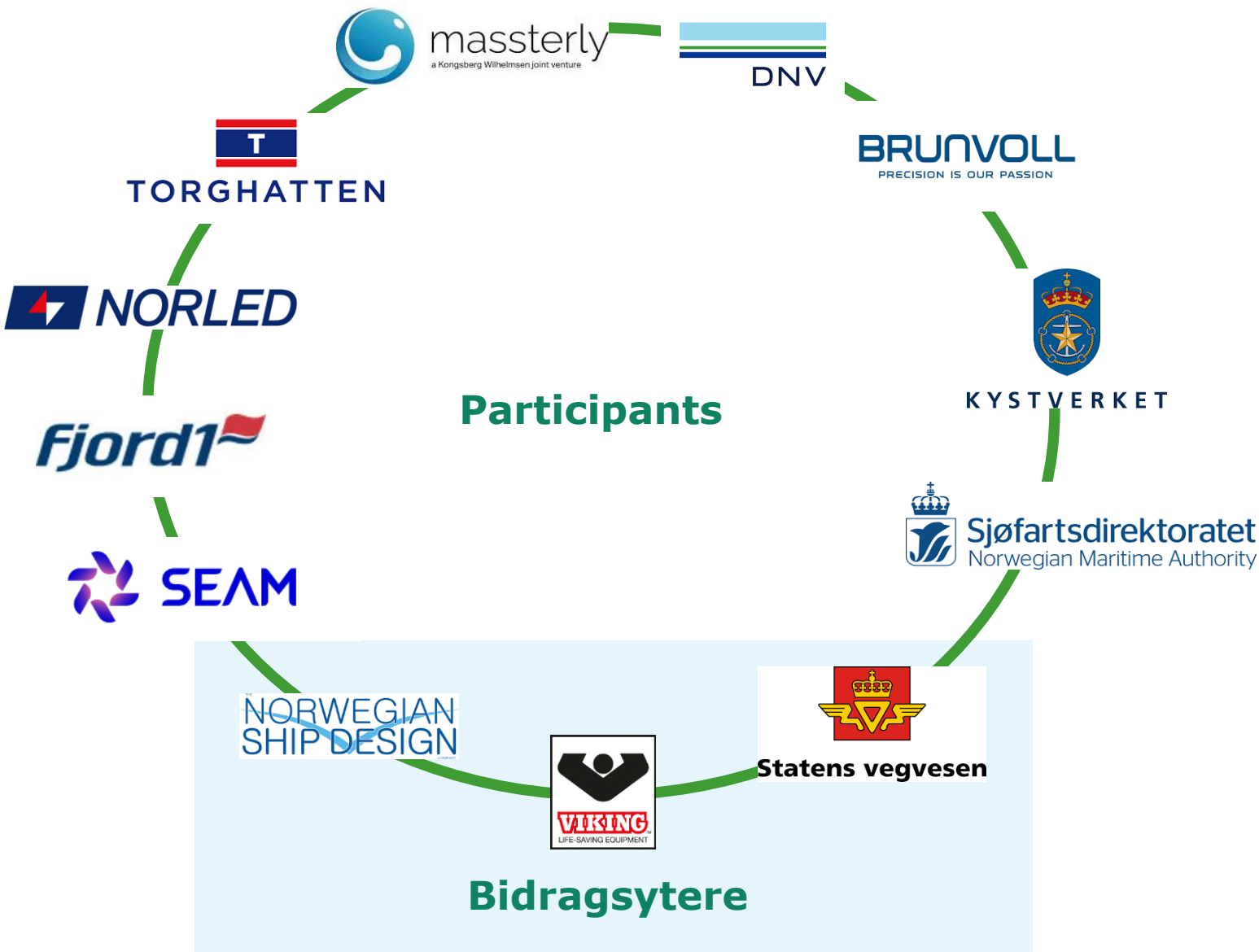
## Possible benefits



### Efficiency

- Accessibility (time cost)
- Passenger experience
- Security
- Environmental benefits (energy consumption)
- Operation and maintenance cost

# Participants and contributors to the Pilot

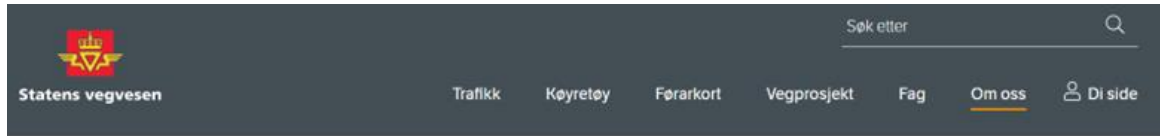


## Conclusions and next step.

Repetitive port calls and operation on long-term contracts with state or county authorities, the ferry operation is very well suited for automation.



## Conclusions and next step.



< Aktuelt

### Digital og automatisert drift på Lavik- Oppedal om få år?

🕒 Publisert 17. september 2021



AUTONOME FERGER

### Maritim industri er klar: E39-ferge kan bli autonom

Fergestrekningen Lavik-Oppdal på E39 over Sognefjorden kan bli autonom i 2025, men ikke uten mannskap.

# Thanks!

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