Design by Brødrene Aa - 30 m, 100 pax, launch 2021
Reference route

Per day:
Sailing distance 115 n.m.
Energy consumption 6 509 kWh

Per year:
Diesel per year ca. 500 000 litres
Hydrogen tanking at Fjord Base, Florø

Passenger terminal

H₂

LNG
Weight different energy systems

- Hydrogen
- Diesel
- Batteri
Emission from public transportation Sogn og Fjordane

- 41% Buses
- 23% Car ferries
- 22% Speed passenger ferries Bergen-S&Fj
- 14% Local speed passenger ferries
Reduced emission by use of hydrogen

- Car ferries: 23%
- Speed passenger ferries Bergen-S&Fj: 41%
- Local speed passenger ferries: 22%
- Buses: 14%
For latest information on H2 vehicles, visit www.hydrogen.no/kjoretoy

Kjøretøy

Hydrogen can be used in a variety of vehicle types. Under you can see an overview of the vehicle types that are on the market today and those that are under development.

Hyundai ix35 FCEV

Hyundai was the first to bring a series-produced hydrogen car to the Norwegian market. The car has been sold in Norway since 2014 and is the best-selling hydrogen car in the country, with around 40 cars sold.

Toyota Mirai

Toyota released a hydrogen car but due to their prototypes, they launched the first series-produced Mirai in 2014. The first car was delivered to Norway in the summer of 2015. Toyota plans to produce 30,000 hydrogen-powered cars per year from 2020 onwards, and they have already shown a new, upgraded model from 2019. They plan to release more Mirai cars in Norway in the next few years.

Honda Clarity Fuel Cell

Honda launched its series-produced hydrogen car in 2016 and launched several more of these cars in Europe in 2016, including the HyFive project (in the UK, Denmark and Germany).

Mercedes-Benz GLC F-Cell Plug-In

Daimler has been testing hydrogen cars and has been testing the use of hydrogen in the Mercedes-Benz B-class F-Cell with vehicles being delivered in Norway as part of the HZM project in Scandinavia. The project started in 2010 and is continuing. They have added a new hydrogen car with a larger battery with a hydrogen tank to complement the system.

Hyundai FE Fuel Cell

Hyundai's FE Fuel Cell car has been on the market for a while and is still available on the market today.
Want to know more?

Want to invest in maritime zero emission technology?

Please take contact!

Trond Strømgren
Project Manager GKP7H2
Strandgata 15, 6900 Florø
+47 402 98 729
trond@maritimsfj.no
www.maritimsfj.no

Jan Henrik Nygård
Chairman GKP7H2
+47 480 13 161
jan.henrik@norblikk.no