

Competence Brokering

Example

Fjellstrand

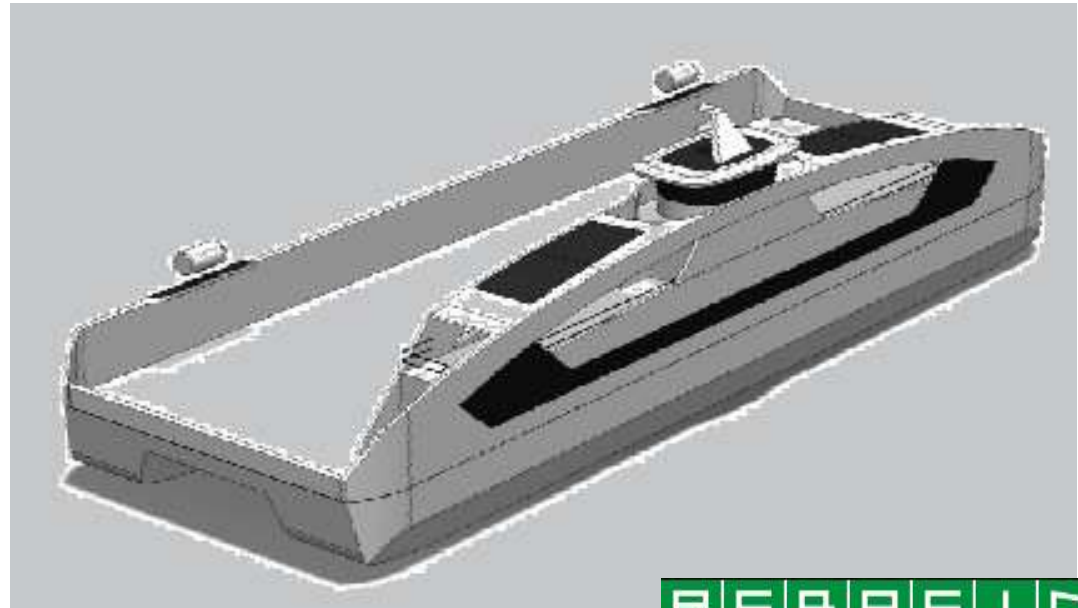
Battery Ferry

Atle Våge

BUC

Advantages

- NO EXHAUST
- NOISELESS



Some facts about the ferries and environmental potential

We have evaluated 116 ferry in Norway

- 81 of them are particularly relevant to battery operation in the future
- 28 of these are possible for battery operation in the future
- reduction of 208 000 000 kg CO₂ per year
- equals a total of 2% of Norway's CO₂ emissions within the transportation industry, or 11.000 cars per year

Challenges

- Find optimal battery
- Weight and resistance must be reduced to an absolute minimum
- Choose the optimum propulsion system adapted to the vessel

Aim in the pre study

Locate the gap between the competence of the company and state of the art

Finding optimal battery parameters as

- Capacity
- Weight
- Charging time
- Lifetime