Ship design
Consulting Naval Architects
Supervision & Marine Surveyors
COMBINING METHANOL AND BATTERIES IN A SMALL FISHING VESSEL
Or too big

No project too small

Greenland kayak 10 kg
15 METER LONGLINER
1. Working conditions

2. Safety

3. Comfort
Ferries
Cargo
Fishing
RANGE EXTENDER

Methanol ?

- Environmentally friendly ✔
- Domestic energy ✔
- Ease of implementation ?
- Cost ?
- Safety ?
Methanol

Internal combustion engine

**Pros**
- Cost
- Known technology
- Green

**Cons**
- Limited availability
- Safety
- Regulations
- Space
- Noise and vibration

Fuel cells

**Pros**
- Efficiency
- Maintenance
- Green
- Quiet and vibration free

**Cons**
- Safety
- Regulations
- Cost
RENShip

2-3 year time frame
Commercial vessel
Competitive price

First vessel Bio diesel
THE NEXT FEW YEARS

Bigger battery packs

Smaller fuel cells
THANK YOU

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