











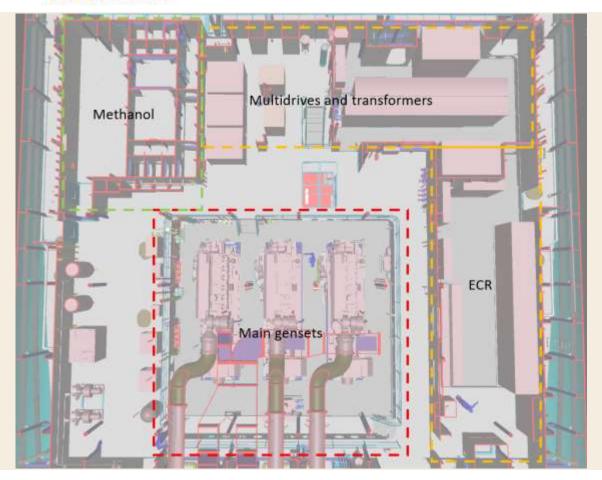
Key features: Electric propulsed by MeOH/ Fossil

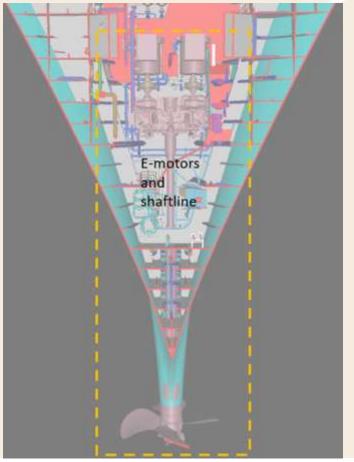
(3.2 MW e-Propulsion, 1.5 MWh Battery, Shore power)

2026: Fossil

2027: Fossil >> (Bio?)

2028: Green Methanol/ (Bio) Fossil





Staff Requirements?

- Traditional Engineer plus electric-operational skills?
- Electrical Engineer plus mechanical skills?
- Manned or unmanned?

'Skilled' by:

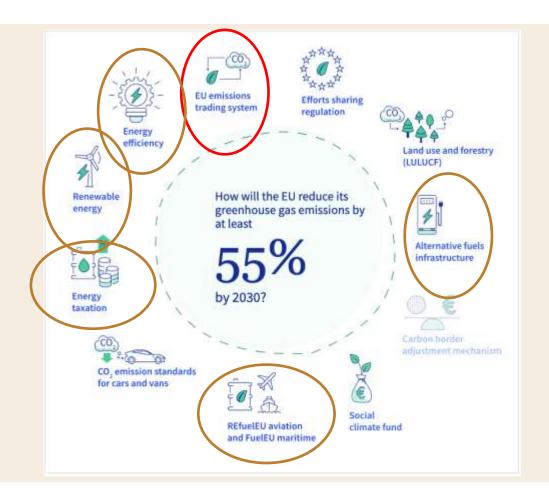
- University, STCW or Market?
- in-house, external?
- MeOH by IGF code or dedicated code?
- Remotass (next slide)





Q & A

Thank You



ETS as "fund-enginee" & Greener Fuels in Shipping:

Goal: Renewable and Low Carbon Fuels (FuelEU Maritime)



Reduce GHG intensity of energy used on board vessels upto 80% by 2050....by the use of greener fuels

Despite progress in recent years... still relies almost entirely on fossil.... etc





marinetraffic



https://renewable-carbon.eu/news/fit-for-55-the-eus-plan-for-a-green-transition/