



COASTALWORKBOATS

engineered for the **elements.**

Clean Maritime Demonstration Competition | Round 3
Combined Demonstration Winner

Coastal Workboats | CMDC3

Our CMDC3 Project

- 22m fully Electric Landing Utility Vessel (E-LUV)
- supported by Shore Power Storage Station
- 4 Week Demonstration on Shetland:
(West Burrafirth to Papa Stour ferry service)



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Operational Challenges

- Remote location with limited or no grid connection
- Length and frequency of crossings
- Interface between the vessel and shoreside infrastructure
- Local sea and weather conditions
- Passenger and Cargo requirements
- Extending the range of the vessel for delivery



“ We have an obligation to decarbonise our transport network where our ferries network is a major component. In this regard we find this project of great interest. “

Shetland Islands Council

Main Project Challenges

- Integration: vessel and shoreside support
- Regulation: the role of the MCA
- Cost: made possible by this grant





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Expansion: Scottish Marine Technology Park (SMTP)

- Location
- Innovation
- Collaboration
- Sustainability
- Future



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