

Electrifying the Ferry Segment

TORBEN MØRCH SØRENSEN
SALES DIRECTOR ECHANDIA



- Headquarter in Stockholm, Sweden
- Employees: ~85
- Offices in Sweden, USA, Denmark, UK, and China
- Production in Sweden and USA
- +100 marine approved references
- Battery type is LTO (Lithium-titanium-oxide)

Strengths of Echandia's LTO battery system



EXTREME
SAFETY



HIGH CYCLE
CAPABILITY



FAST CHARGE &
DISCHARGE



HIGH
EFFICIENCY

Less oversizing in demanding operational profiles while providing longer lifetime



Designed for seamless
onboard integration,
tailored to each vessel's
operational profile



Echandia LTO is the
most safe, durable
and efficient battery
system in the market



7 Copenhagen harbour ferries

- 183kWh battery pack
- 16 charges per day
- 6min rapid charging at 3,5C
- 12 years lifetime



New fully electric RoPax for Molslinjen

- Nerthus delivered summer 2025
- Tyrving delivered October 2025
- 3.1 MWh and 3.9 MWh
- 6 to 8 charges of 18-23 minutes
- 12 years lifetime



Retrofit of two RoPax for Scandlines

- Battery Installation 2025/2026
- 4.8 MWh battery packs
- 23 charges of 14 minutes
- 10 years lifetime



Retrofit of containerized solution for Hamlet Øresundslinjen

- Battery Installation 2025/2026
- 4.8 MWh battery packs
- 24 charges of 10 minutes
- 10 years lifetime





Echandia