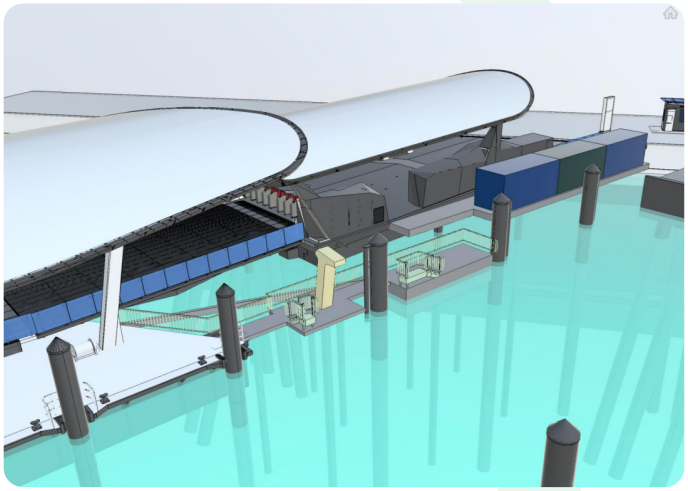
PROJECT SUMMARY

Electric Vessel Pilot Project

CLIENT: TFNSW **PROJECT VALUE: $28M** **ENGAGEMENT PERIOD: 2025 - 2027**

PROJECT OVERVIEW

The EV24m project is a TfNSW initiative to trial zero-emission ferry technology on Sydney Harbour. It includes the design and construction of an electric ferry and dedicated onshore charging infrastructure at Barangaroo Wharf to support future electrification of the Sydney Ferries fleet. The trial will assess the technology's operational performance, safety and suitability for future electrification of the Sydney Ferries fleet.



Utilities & Project Management

Croí's Role

Croí personnel were involved in:

- Network connection stakeholder engagement and connection delivery
- Stakeholder engagement and management
- Contractor management
- Design coordination
- Construction coordination
- Assurance coordination
- Full life cycle of project and associated assets coordination

Key Interfaces

- Infrastructure NSW
- PlaceMaking NSW
- CleanPeak Energy
- UGL
- ARUP
- Incat Crowther

Key Achievements

- Management of scope changes including changing locations from Circular Quay to Barangaroo Wharf One, changing the charger from autonomous to handheld and changing network work service provider.
- Successfully delivering the vessel design through to construction, including approvals through Class and flag endorsement.
- Identification, and successful engagement of local and government stakeholders.
- Delivery of Review of Environmental Factors for the Barangaroo site

Key Outcomes

- Electric 24m delivered for testing in Sydney Harbour
- Shoreside equipment established to fast charge the vessel at Barangaroo Wharf One
- Operational, Maintenance and training documentation developed to allow Transdev to operate the vessel and associated assets effectively