

Barangaroo Wharf Electric Ferry Charger

Project Update

September 2026



Transport for NSW acknowledges the Gadigal people as the Traditional Custodians of the lands on which we work and pays respect to Elders past and present.

The NSW Government is preparing for its first Australian-made, ferry powered by renewable electricity to arrive in Sydney Harbour.

The 24m electric ferry pilot is gearing up to start in early 2028, as part of the NSW Government's commitment to heading towards net zero emissions.

As part of the pilot, Transport for NSW is installing an electric ferry charger and supporting equipment at Barangaroo Wharf. This infrastructure is needed to support the operation of a battery-electric ferry and will help inform future decisions about ferry services across Sydney Harbour.

The project is in the concept design and environmental assessment phase with construction of the charging infrastructure expected to start in 2027.

Electric ferry pilot

The electric ferry pilot will provide valuable insights as the NSW Government considers the wider transition away from diesel-powered ferries over coming years.

An Australian made, battery electric ferry is being purpose built for the pilot. Modelled on the Parramatta River class ferries, the 24-metre-long vessel will begin a 12 month pilot from early 2028.

The pilot will assess the performance and service range of the ferry in and around Sydney Harbour, and the performance of the charging infrastructure to be installed at Barangaroo Wharf.

What's happening at Barangaroo Wharf?

We're planning to install the new charger and supporting equipment at Barangaroo Wharf 1, located on the southern side of the wharf.

This includes:

- a charging station on the crew gangway that the electric ferry will connect to for recharging
- charging equipment housed in enclosures next to the wharf.

The equipment will be designed to fit within the existing wharf visually.

See map on back page for the planned location.

Expected benefits



New electric ferries to replace the diesel fuelled fleet



Quieter ferries, reducing noise for residents living near ferry routes and wharves



Reduced air pollution in and around Sydney Harbour



Supporting the transition to renewable energy across the state by 2050



Supporting broader environmental goals and reducing greenhouse gas emissions



Next steps

Early investigation work is underway to finalise the design for the charging equipment. We will update the community before we start construction in 2027.

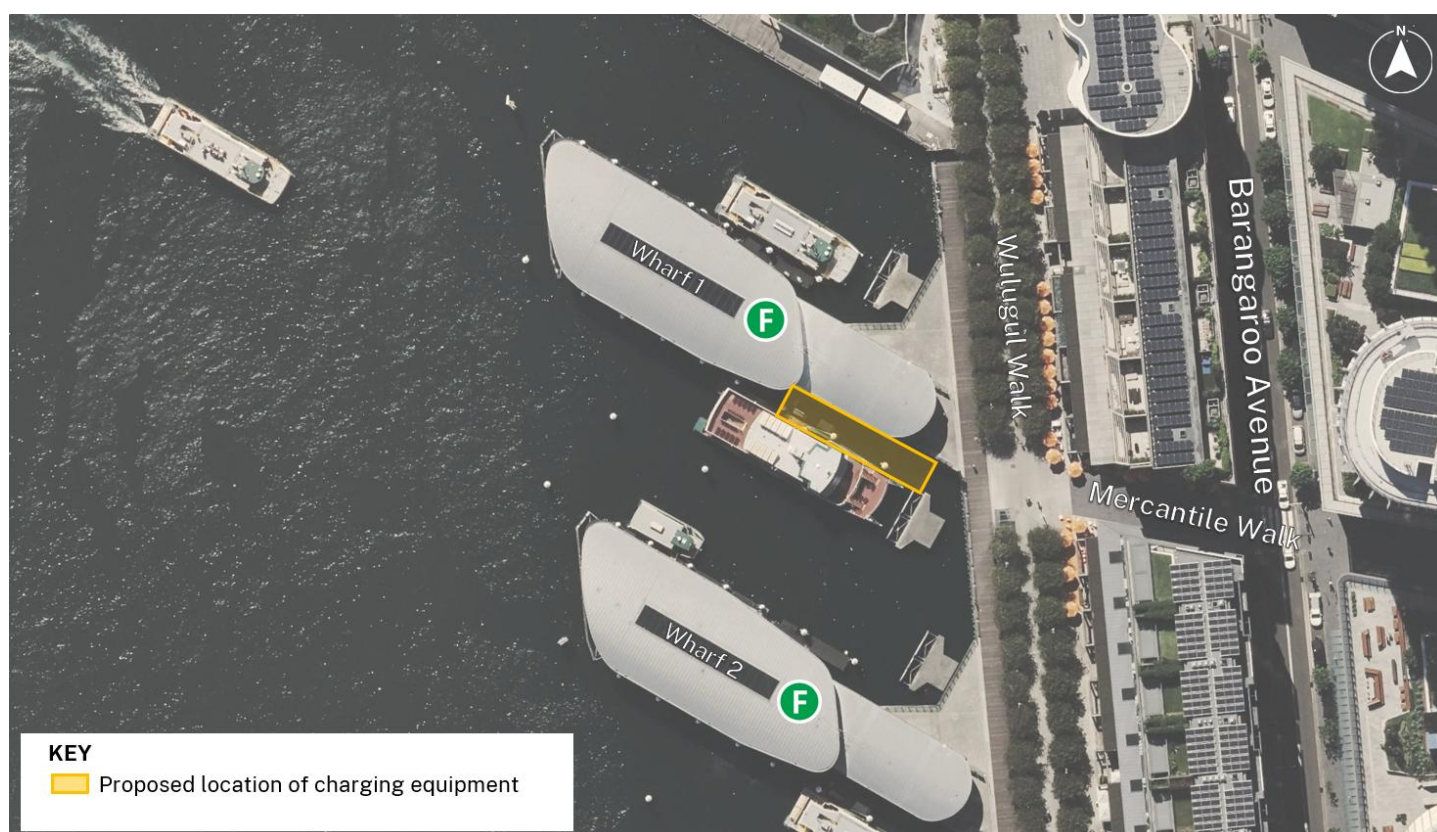
The 12-month electric ferry pilot is expected to start in early 2028. The first electric ferry is then likely to enter passenger service in 2029 between Barangaroo and the Sydney Fish Market.

If you have any questions or would like to sign up for updates, email projects@transport.nsw.gov.au or call 1800 648 490.



Example of charging station to be installed

Project map



Contact us



Project Infoline **1800 684 490**



projects@transport.nsw.gov.au



Visit the project webpage go to
transport.nsw.gov.au/BarangarooEFC



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