

CASE STUDY

# THE WORLD'S FIRST FULL-SIZED ELECTRIC TUG

Work has begun to create the world's first electric tug. This is a great project for the port, showcasing our focus on innovation and being sustainable.

Before we asked them, tug builders weren't even thinking about electric tugs – but our persistence and the innovation of Dutch company Damen have made it a reality. Production is well underway in Vietnam and it will take around a year to build. After testing, we expect the new tug to be delivered in late 2021.

**Innovation for the environment**

The electric tug is a key milestone as we work towards being emissions free by 2040. The tug will save approximately 465 tCO<sub>2</sub>e in diesel emissions annually. The life of the tug is around 25 years; by going electric now, we are saving 25 years of diesel pollution.

**THE WORLD'S FIRST  
ELECTRIC TUG  
SAVING**

**465**

tonnes of CO<sub>2</sub>  
emissions every year

**Named by the people**

As Auckland's port, we work hard to engage with our local community, and so we asked Aucklanders to come up with a name for our new tug. The response was overwhelming, with many fantastic suggestions and culminating in a final vote by more than 8,000 people. And the result, by an overwhelming majority, was Sparky.

