



NEW ZEALAND'S

*Port for the Future* >>>

# Tauranga Moana Advisory Group

*19 June 2020*



# Licence to Operate in our Community





# Air Quality / Visual Amenity



Before



After



# Improved Bulk Cargo Handling

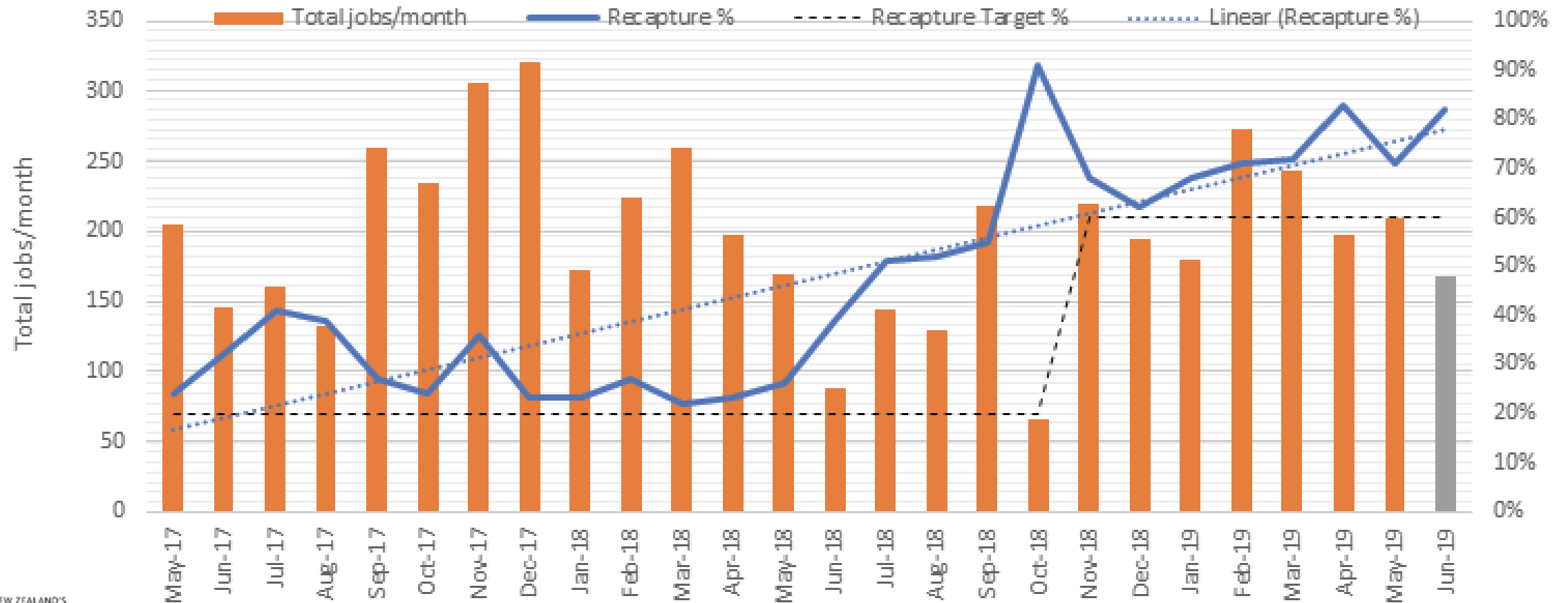


# Methyl Bromide Recapture



# Methyl Bromide Recapture

Total log stacks/timber/ships vs recapture % @ POT





# Marpol Annex V

## Introduction of Low Sulphur Fuel or Installing Scrubbers





# Debarking





# Stormwater Treatment





# More Comprehensive Monitoring





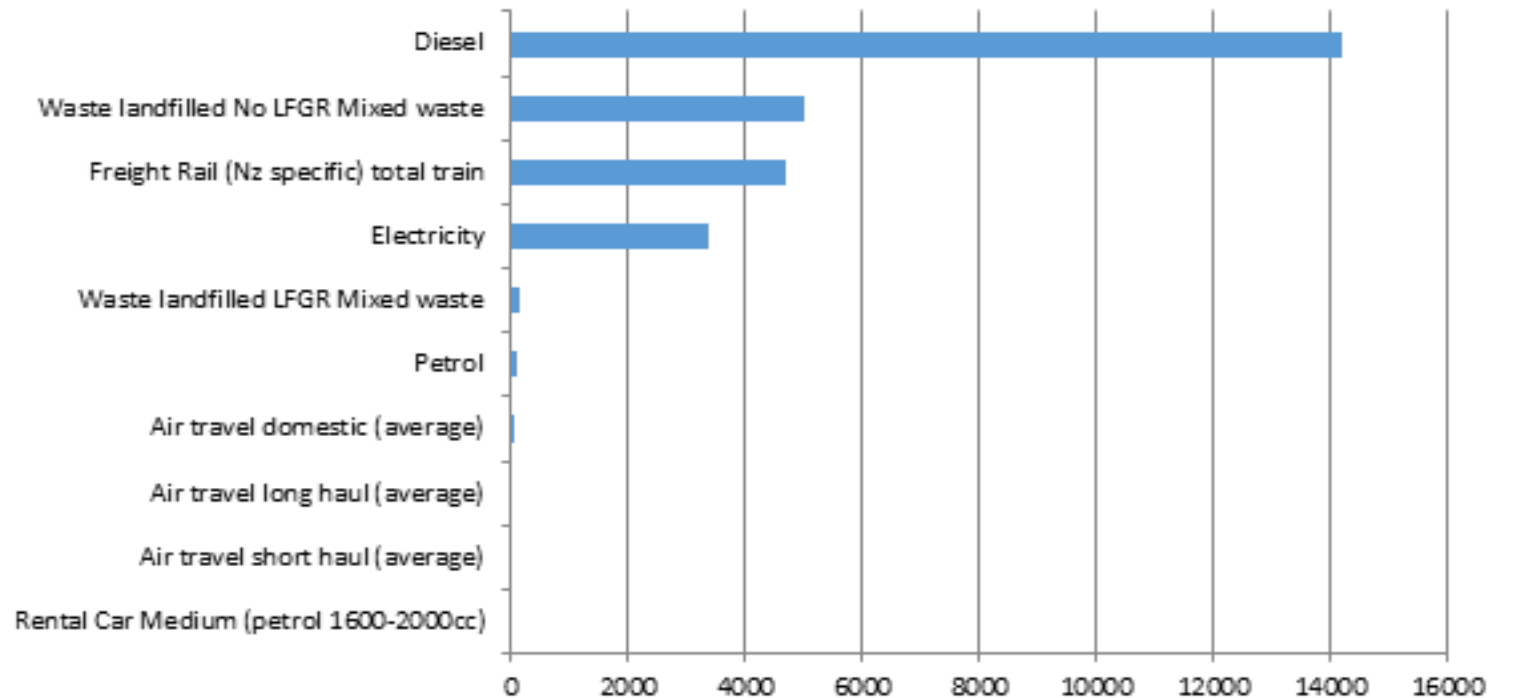


# Our environment



- Short-term target 5% reduction of Scope 1 carbon emissions per cargo tonne during FY21
- Targeting net zero emissions by 2050

## GHG operational emissions by source - top 10







# Our environment

- “Inset” fund established to subsidise environmentally-friendly initiatives
- Battery-hybrid straddle carriers
- Each straddle \$215,000 more expensive than diesel-electric equivalent





# Our environment

- Replacing light vehicles with electric or hybrid models
- Using biodiesel wherever possible

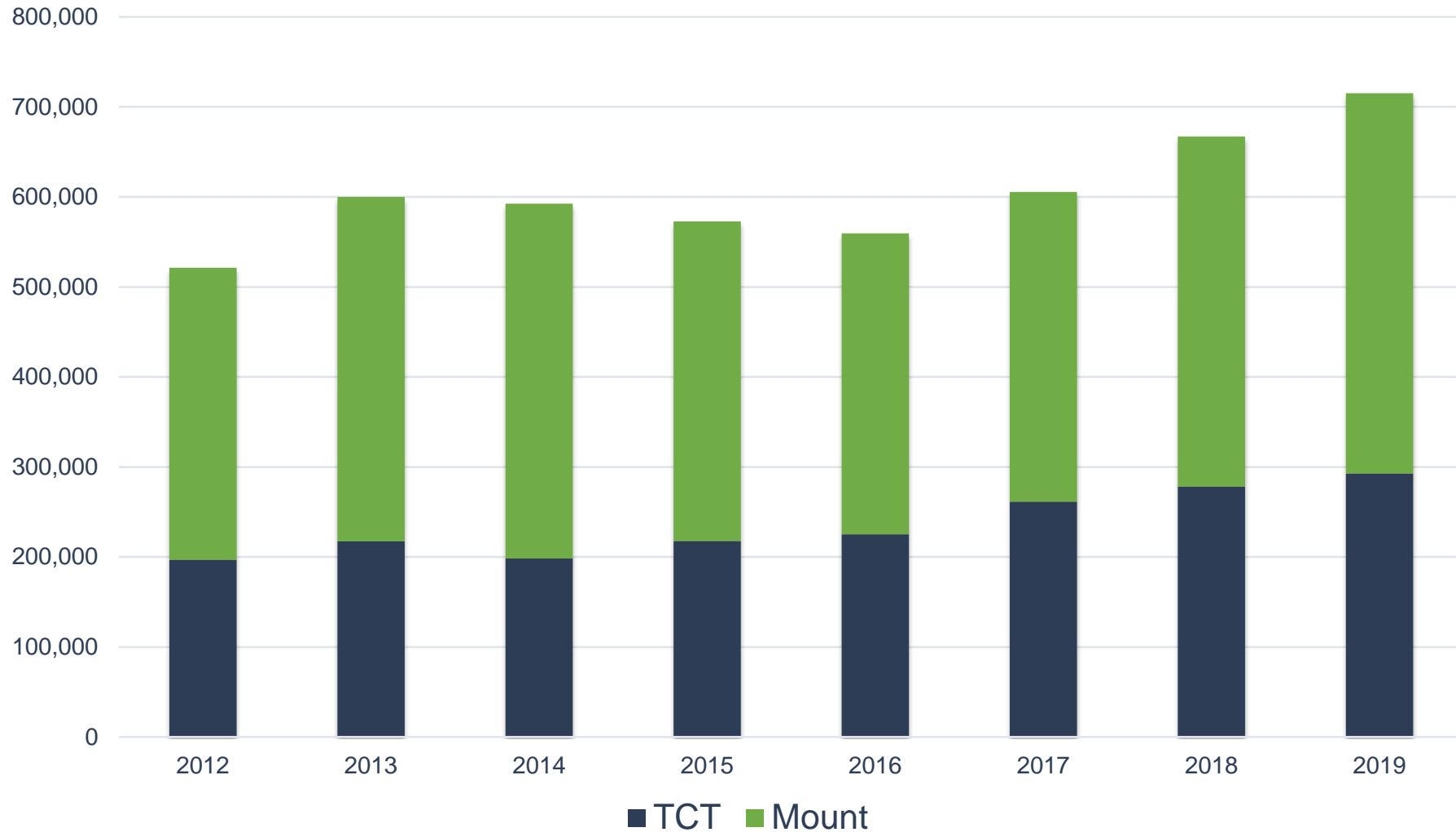




# Vehicle Booking System



# Actual Truck Movements





## PORT OF TAURANGA STEEL WHEELS (BETWEEN 1/01/19 AND 31/12/19)

Your partner in sustainable freight



1,761.6 m

Net Tonne  
Kilometres (NTK's)

=



535,378

Reduced heavy vehicle  
road impact

+



80.6 m

Fuel savings (L)

+



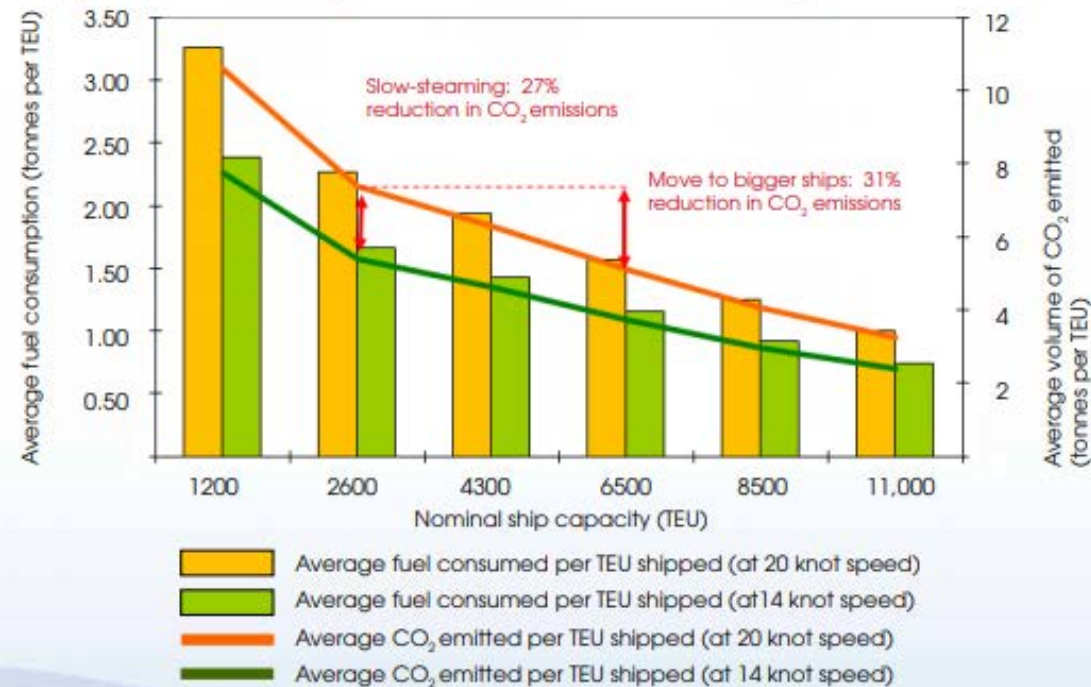
216,881

CO2 emission  
savings (T)

# Customers Wanting to Reduce Their Scope 3 Emissions

Big ships offer > 30% lower carbon / container

Figure 3: Average Fuel Consumption and Carbon Emissions per TEU for Various Sized Ships



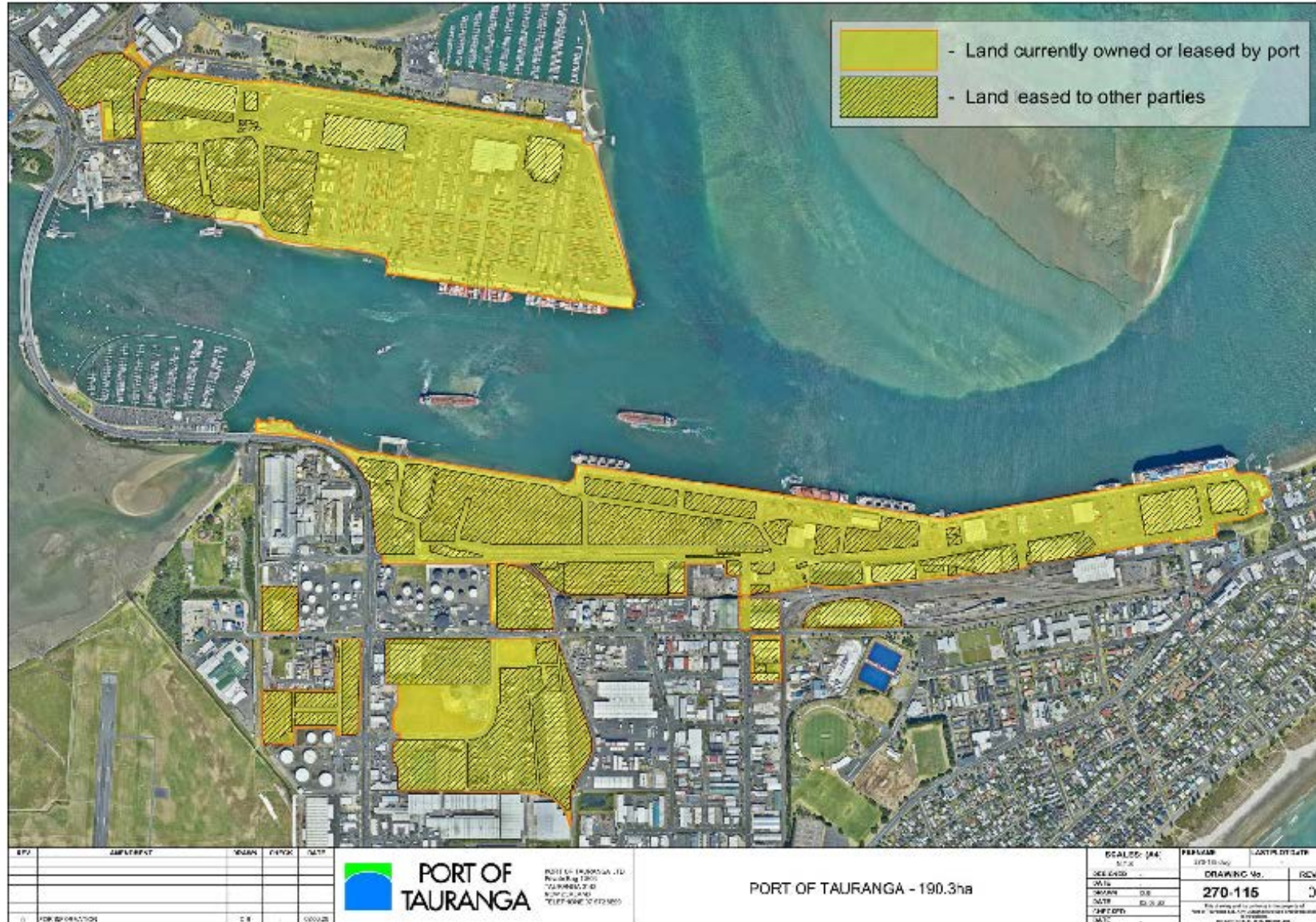
Source: New Zealand Shippers' Council analysis



# Community

- Largest ratepayer in Tauranga City (\$1.6 million)
- Partnership approach to community initiatives
- Pay \$32 million in corporate tax (*cf.* Ports of Auckland paying \$12 million)
- Over \$60 million in fully imputed dividends returned to Bay of Plenty Regional Council in FY18
- Quayside Holdings owns 54.14% of shares (~\$2.18B up from \$44M on listing in 1992)
- \$650 million in dividends paid to Quayside since 1992
- \$200 million infrastructure fund established through Perpetual Preference Share issue in 2008
- \$15 million towards shared tertiary campus in Tauranga
- \$5 million towards new Tauranga Marine Precinct
- \$2.5 million towards Scion's Innovation Park in Rotorua
- \$20 million towards Opotiki Harbour Transformation Project

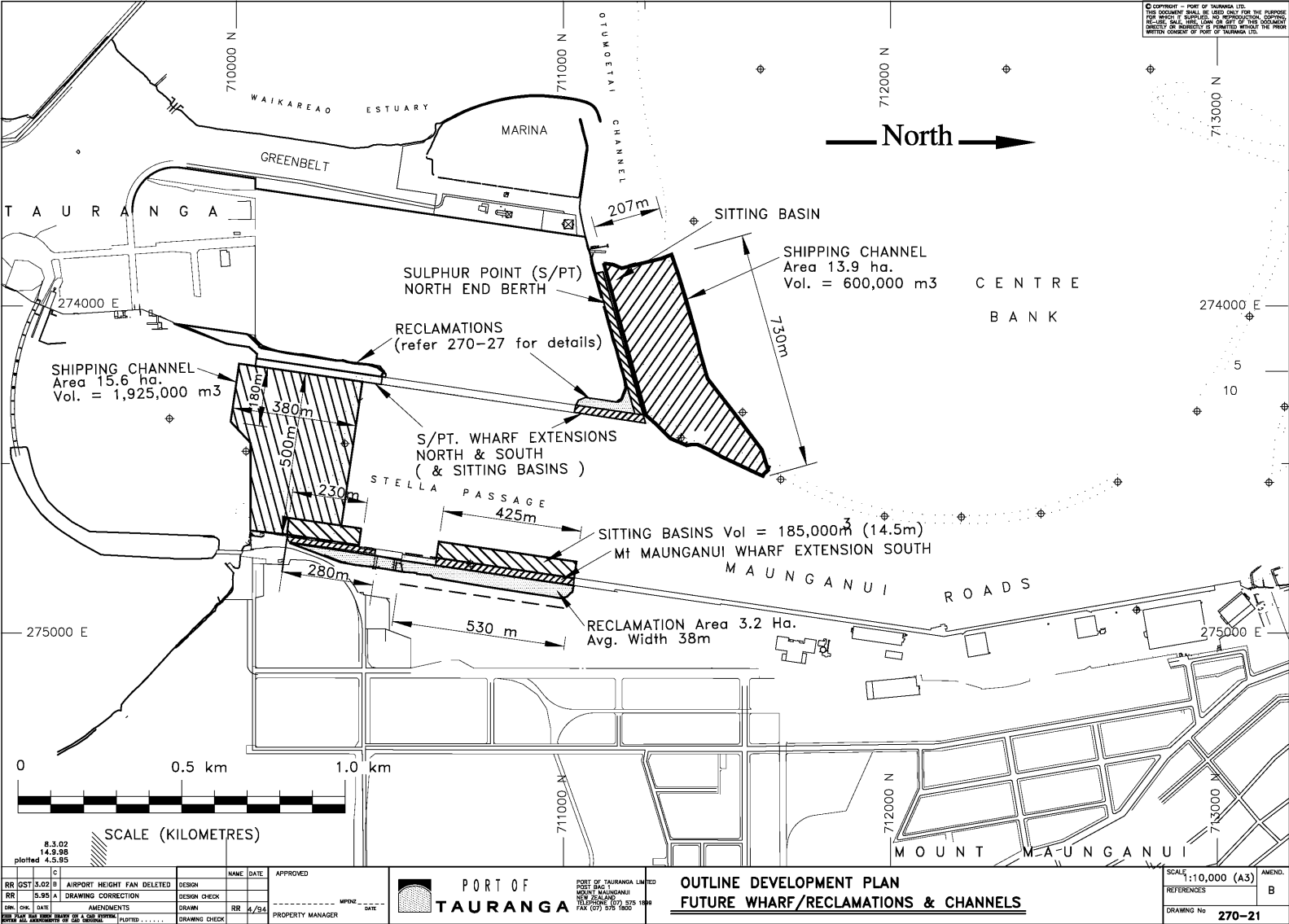
# Port Land





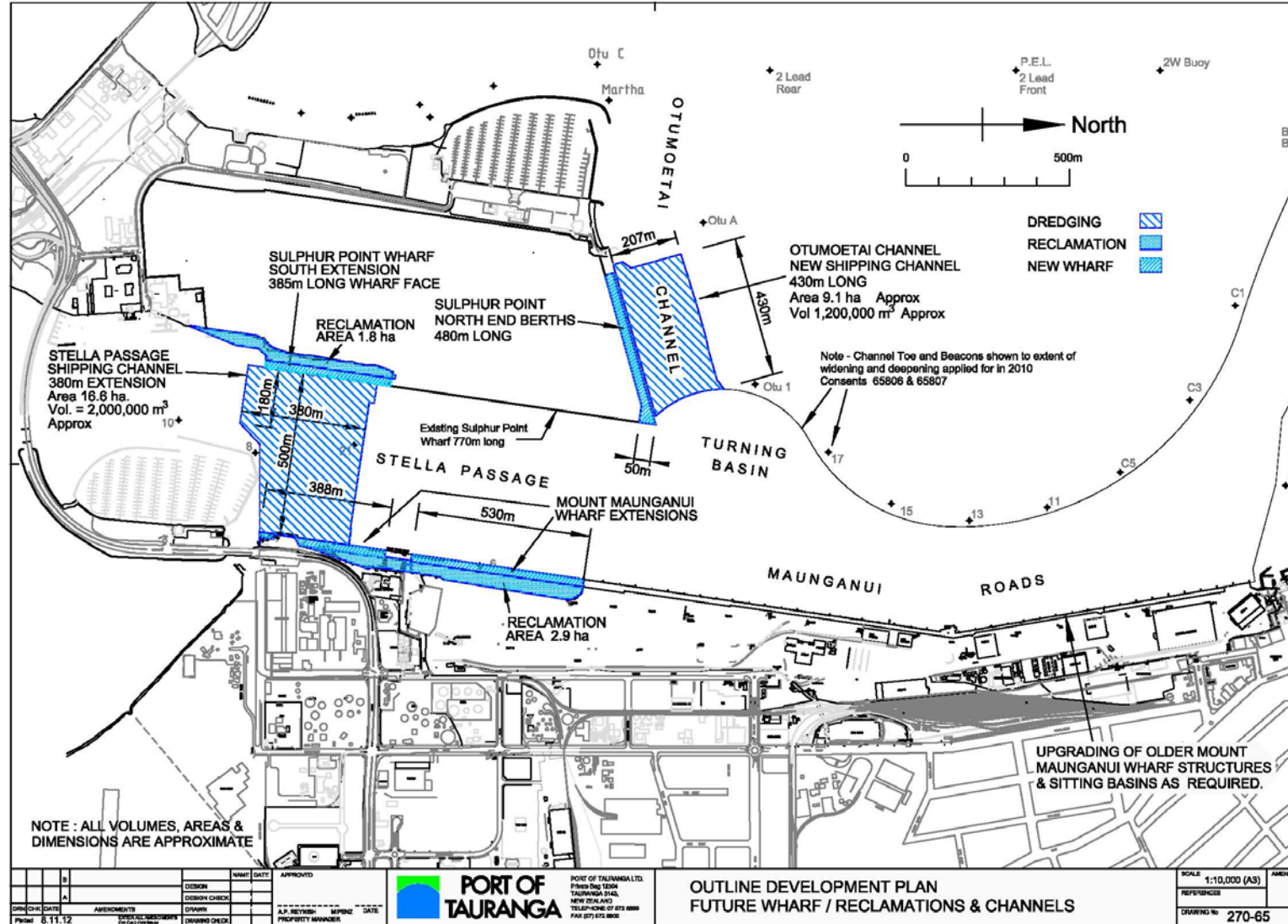
# Regional Coastal Environment Plan

## (1 July 2003 pg 267)



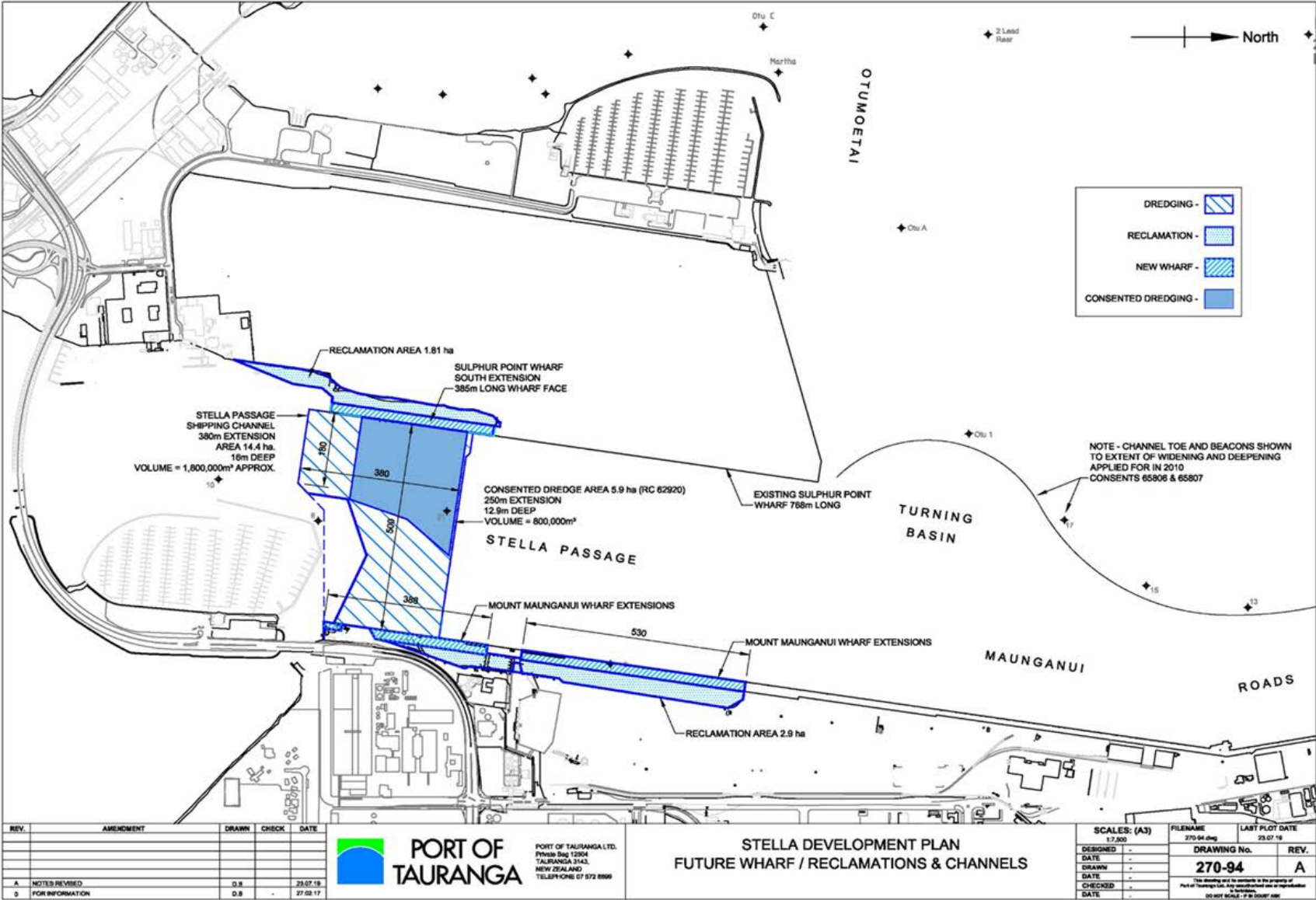
# Regional Coastal Environment Plan

## (3 December 2019 pg 393)



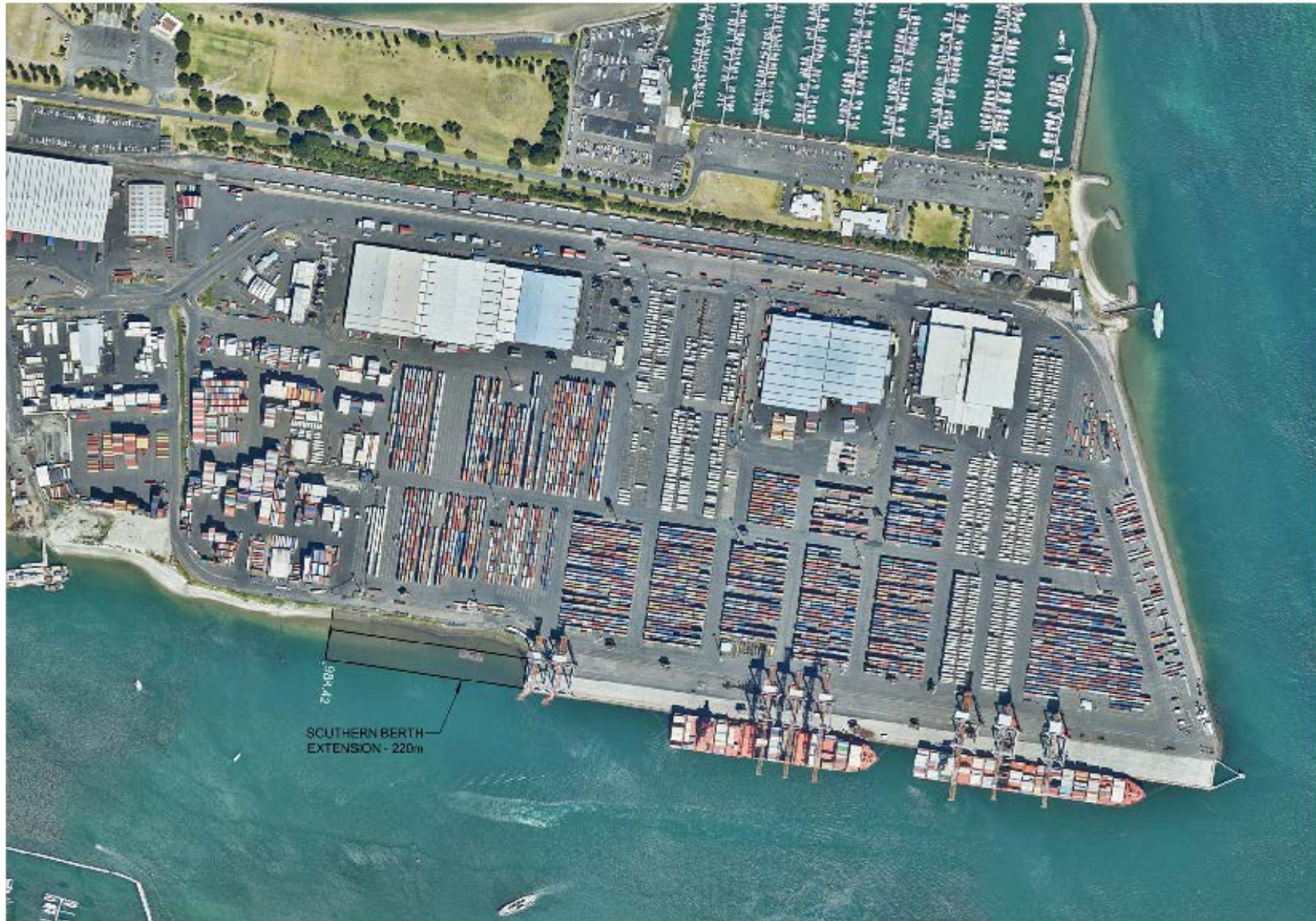


# Stella Passage Development





# Southern Berth Extension







**Thank you**