

# Best for Project

**Decarbonising the freight supply chain**

Marinus La Rooij, 12 May 2021

# Background & Disclaimer

**I am commenting on  
work by the Sustainable  
Business Council.  
But the views presented  
here are mine.**



## Low Carbon Freight Pathway

Moving freight is vital to our economy and our wellbeing. Freight is all the goods we buy and sell every day.

<https://www.sbc.org.nz/insights/2021/low-carbon-freight-pathway>

# Today's Three Key Messages

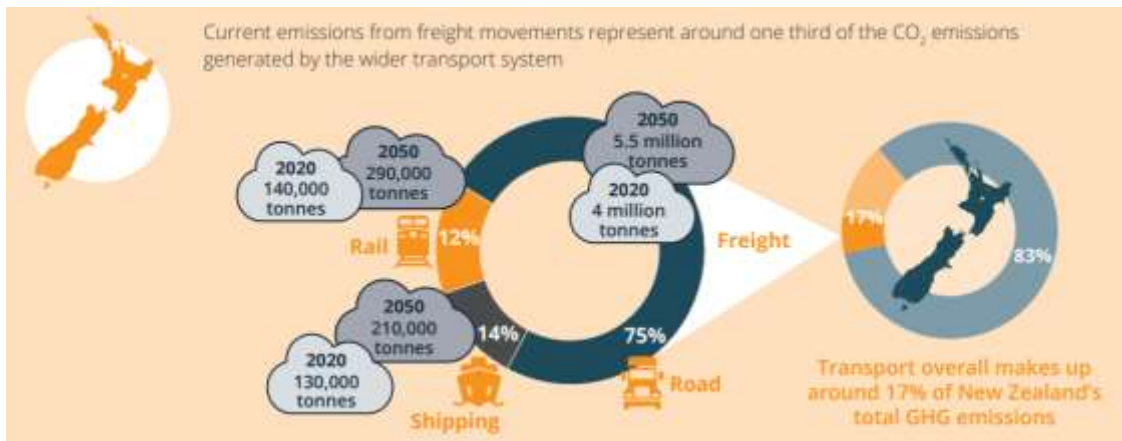
- Decarbonising NZ's freight system will be a massive task, but is achievable by 2050.
- The process must be co-led by industry, in partnership with government and supported by local government.
- Decarbonisation can only be advanced in a way that understands the requirements of the businesses that own and move NZ's freight.



# The Challenges:

- Freight system is complex with many decision-makers all operating on commercial lines (Cost + DIFOT).
- Freight task & emissions are growing fast.
- Transition costs will be significant and passed on across the economy.

## Solutions for other transport modes ≠ solutions for freight.

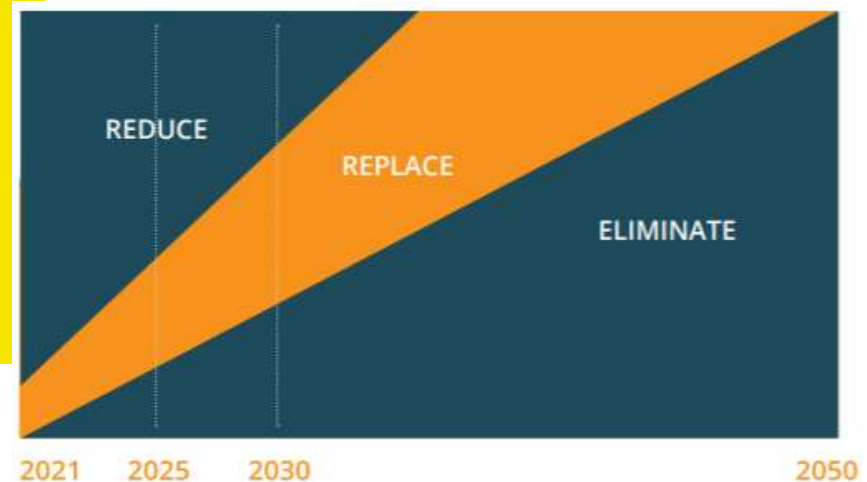


# The Strategy:

Proposing three horizons of work starting immediately & concurrently.

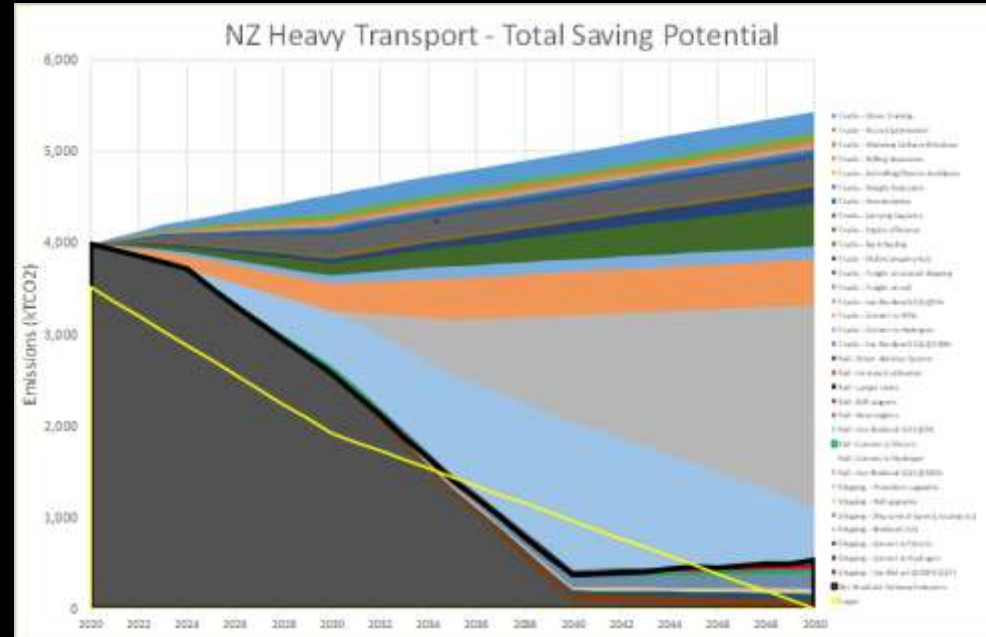
- **Reduce:** optimise existing operations to reduce CO<sub>2</sub>.
- **Replace:** phase in bio-fuels.
- **Eliminate:** begin fleet replacement to BEVs and FCEVs (staged to minimise economic impact).

Co-ordinated Government support that understands the freight system is essential.



# Next Steps

- Work already underway by member companies.
- Calling other companies to join.
- Develop a detailed implementation plan with government.



Sapere / DETA Consulting report 2020



# Kōrero mai

<https://www.sbc.org.nz/insights/2021/low-carbon-freight-pathway>