



# 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.

## FREIGHT



Every year in New Zealand we move around **280 million tonnes** of freight



That's around **56 tonnes** of freight moved every year for every person in New Zealand, or **30.6 billion tonne-kilometres** (freight volume multiplied by distance moved)

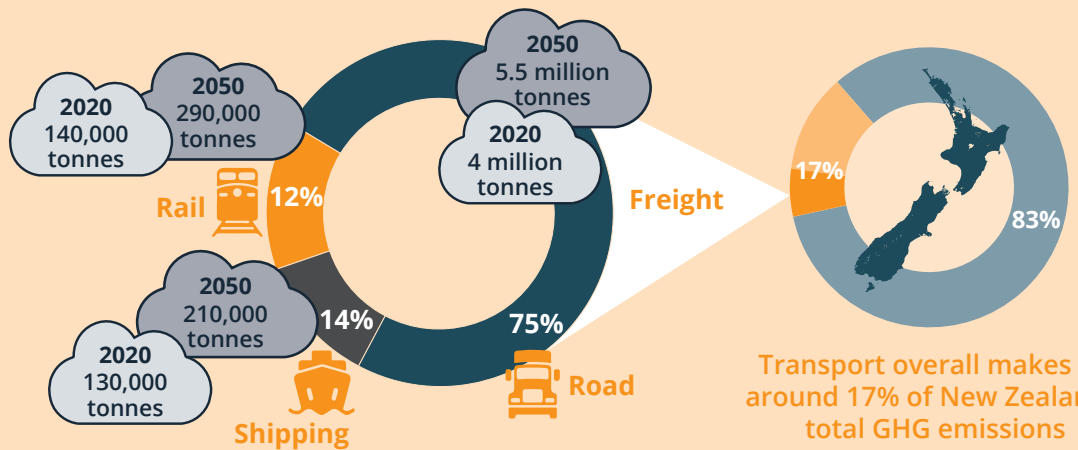


Freight volumes are forecast to grow by **33% by 2042**

## EMISSIONS



Current emissions from freight movements represent around one third of the CO<sub>2</sub> emissions generated by the wider transport system



Transport overall makes up around 17% of New Zealand's total GHG emissions

On current projections and if nothing changes, these emissions will grow by 37.5% over the next 30 years

# Low Carbon Freight Pathway

The Sustainable Business Council's Freight Group commissioned a report which sets out an ambitious but achievable 30-year pathway to progressively decarbonise New Zealand's freight system. The group includes thought leaders from nine of New Zealand's largest freight sector companies. They are all advancing their own decarbonisation pathway and came together to help the sector move to net zero.

We want to encourage more businesses to join us on this journey, to build momentum for change across the supply chain. We want to work in partnership with Government to support a planned and staged 30-year decarbonisation programme.

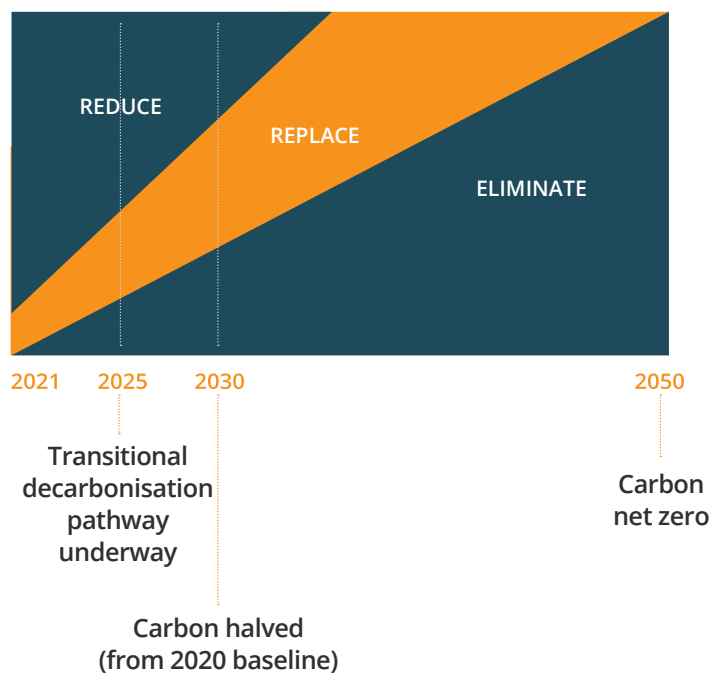
**"As the freight system is complex and driven by commercial needs, the most effective approach is one designed and led by, and for, industry."**

- SBC Freight Group

Our proposed pathway has three interconnected horizons of work, progressed concurrently.

With each horizon beginning immediately, they have different levels of intensity and time-periods allowing a staged transition. This approach provides businesses time and greater surety to best manage the transition of their fleet:

- First reducing emissions by optimising the use of existing vehicles; then
- Replacing fossil fuels with biofuels;
- Finally, as vehicles are retired, eliminating them by replacing them with zero carbon vehicles.



**"As more businesses begin the transition, the cost of decarbonisation will fall as we achieve economies of scale. We need you to join us on this important journey."**

- SBC Freight Group

