



Presentation to: Road Controlling Authorities Forum

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The Road Transport Forum - RTF

The RTF provides unified national representation for the trucking associations:

- Road Transport Associations New Zealand (RTANZ)
- National Road Carriers (NRC)
- New Zealand Trucking Association

The affiliated representation of the RTF is:

- About 3,000 individual road transport companies
- 16-18,000 trucks involved in road freight transport
- Companies that provide services allied to road freight transport



The road freight transport industry



- Employs 26,600 people (3.0% of the workforce)
- Has a gross annual turnover of about \$6 billion
- Transports about 70% of New Zealand's land-based freight (on a tonne/kilometre basis)

Driving the economy

And here's every road –
93,000 kilometres of road

Every Road In
New Zealand



MapScaping.com

Driving the economy

Here's a map of every railway line
in New Zealand –
4,000 kilometres of rail track

Every Railway In
New Zealand



Some myth busters and facts



Only 3-7% of the road freight task is contestable by rail – conversely, most rail freight is contestable by road (except coal transport across the Southern Alps)

International research proves – road and rail are similarly fuel efficient over medium distances

Rail offers no fuel consumption benefits for freight carried less than 400 kilometres

Trucks deliver direct – door-to-door

Perishable and time-sensitive goods - like fresh fruit and vegetables need fast, just-in-time delivery

80% of freight is delivered within a region – not contestable by rail

Typically, diesel use in trucks is 20-30% more fuel efficient than petrol

Trucks use 50% less fuel than they did 50 years ago



A changing climate

- The energy sector accounts for about 40% of New Zealand's Greenhouse Gas emissions, with transport fuels about 17% of that total
- The heavy vehicle fleet is responsible for about 20% of energy used for domestic transport
- The coming wave of new vehicle technologies presents exciting opportunities for New Zealand road freight transport
- The road freight transport industry is aware environmental and sustainability policies are essential for a low-emissions future

Common ground with local government

- Quality roading infrastructure – well managed contracts
- Safety and design of roading
- Contribution of roading to local economies and NZ Inc
- Quality permitting systems



New Zealand transport network

- \$2 billion collected from road freight transport as user charges (RUCs)
- Climate change is bringing pressure on this budget from sea level rise, extreme weather events, and more disruptive storms
- Unsure if maintenance priorities have taken climate change into account
- We are all in this together

Trucking experiences from a changing climate



- Delays due to extreme weather and storm events



- Infrastructure condition deteriorates faster – heat and rain



- Bad roads cause delays and safety risks – more road works; driver fatigue; additional costs for consumers

Road freight and emissions

- About 7% of emissions come from the heavy transport industry
- Noxious emissions from trucks slashed by 98% in 20 years
- Euro Standard 6 has required additive to be used in heavy trucks
- Growing use of sustainability programmes – fuel efficiency, wear and tear, new vehicle purchases
- There's still a long way to go

Our contribution to “the movement”

- Continue to adapt and adopt – lower emission vehicle fleet
- Continue to provide critical lifeline in weather events and natural disasters
- Improve fuel efficiency and lessen wear and tear on public assets
- Educate and improve sustainability practises among operators
- Help to socialise messages around future infrastructure priorities

Our contribution to “the movement”



- RTF is open to ways new technologies can be incorporated in transport policy and network planning
- RTF supports congestion charging – as long as the system is fair and equitable across all road users
- RTF supports initiatives to accelerate the uptake of alternative energy, including provision of a RUC exemption

Opportunities and issues

- In the rush to remove reliance on fossil fuels – we need alternative energy sources in place
- Need big investment in research and development – let's find solutions in New Zealand – Taranaki joint venture to produce “green” hydrogen fuel for heavy transport; Tranzurban in Wellington using their own ingenuity to build the first fully electric buses in the world



Questions?

