

Fonterra's fleet decarbonisation journey

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Our pathway to 2030 – we have made three strategic choices



Continue to focus on New Zealand milk



Be a leader in sustainability



Be a leader in dairy innovation and science

Healthy Environment

We are working together to achieve a healthy environment for farming and society.

Tiakina te whenua i tēnei rā, hei oranga tangata mō ngā rā e heke mai nei.

Caring for the land today, so that the land cares for us tomorrow.

To do this we are:

- Improving the health and biodiversity of our land and water by having a regenerative mindset, reducing the impacts of farming and manufacturing, and working in partnership with others.

- Leading the transition to a low-carbon future by investing in innovation and infrastructure to remove greenhouse gas (GHG) emissions from our supply chain.

- Helping meet the growing nutritional demand through improvements in productivity and minimising waste from farm to consumer.

By looking after land, water and animals, and using resources wisely, we are finding a path to regenerate the environment. It's all part of our transition to a more sustainable way of dairying.

Heavy & Medium
Vehicle Fleets

Light Vehicle Fleet

Other vehicles –
Farm & Forklifts

OVERVIEW OF OUR MILK COLLECTION FLEET

504 Truck & Trailer units on the road.

Travel around 95 million kilometres every year.

At the peak, our tanker drivers collect milk from a farm every 9 seconds, and milk is delivered to a manufacturing site every 24 seconds.

The emissions from the fleet equate to ~126,000 tonnes CO_{2e} per annum.

Opportunities for Emission Reduction

Reduction in Fuel Burn

Use less fuel for each kilometre travelled by coaching our drivers and leading energy reduction (Fuel used/ Kms driven)



Fuel Burn Reduction
We have a strong track record in reducing our energy intensity of transport

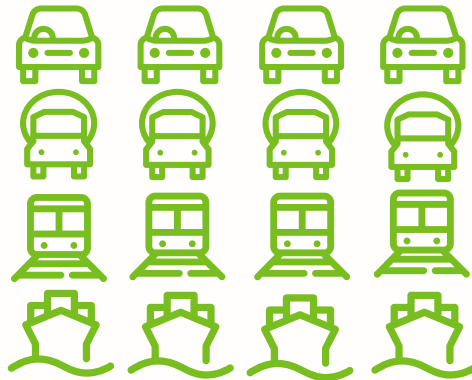


3.5%

Reduction Since F18

Reduce VKT

Increase our operational efficiency and make the most of our low carbon transport modes (Litres collected / Kms driven)



↓ KMS

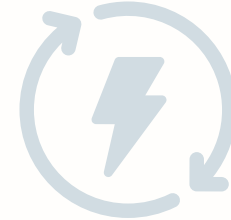
Reduce our VKT (Vehicle Kilometres Travelled) per litre of milk collected

Displace Diesel



By widespread adoption of zero emissions vehicles and alternative fuels.

ZEV's



It's unclear exactly what the truck of even the near future will be. In the short term we need to remain fuel and technology agnostic and have the awareness that we need to move swiftly in the medium term.



Milk-E First Collection!



THANK YOU
