

# FLEET AND FUEL

## Road fleet

In FY23, Team Global Express invested in new road fleet representing a strong commitment to enhancing fuel efficiency and growing operational infrastructure to fuel the growth of the economy. A further 60 electric trucks purchased through a funding partnership with Australian Renewable Energy Agency (ARENA) will deliver the largest trial in Australia of electric heavy vehicles.

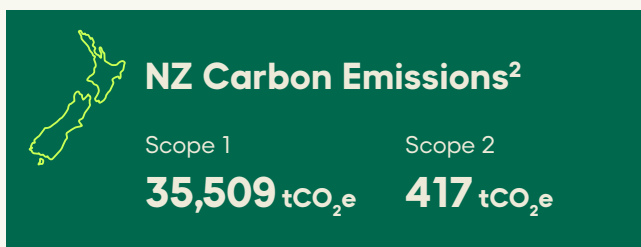
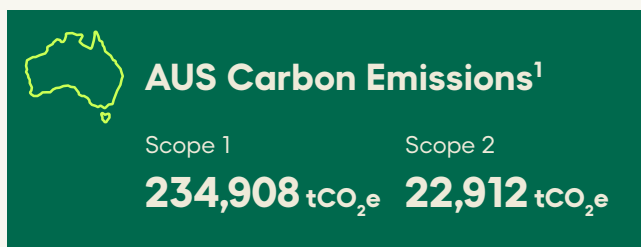
Investing in new equipment has also generated significant improvements in fuel efficiency. Prior to 2015, the average fuel consumption for B-doubles stood at 1.8 km per litre, but following the introduction of new equipment, this has now improved to 2.2 km per litre.

Similarly, for Road trains, the average fuel consumption improved from 1-1.1 km per litre up to 1.4-1.6 km per litre with the utilisation of new equipment. It is worth mentioning that driving styles, road conditions, and other factors can substantially influence these figures.

We have also integrated advanced technology into our fleet, allowing for improved service intervals. This means that oil changes are required less often, ranging from 25,000 km up to 65,000 km, depending on the specific fleet type and driving conditions. Engine performance is also consistently monitored and tested to identify opportunities for further efficiencies.

Looking ahead, Team Global Express is exploring options for improving fuel efficiency of our forklift fleet, by tendering for innovative solutions that can offer 24-hour capacity while maintaining optimal fuel efficiency.

Team Global Express reports against National Greenhouse and Energy Reporting scheme standards (NGERs) as a legislative requirement, alongside many of our customers who also have obligations to report Scope 1 and Scope 2 emissions to the Clean Energy Regulator annually.



<sup>1</sup> Australian emissions reporting period: 1 July 2022 to 30 June 2023

<sup>2</sup> New Zealand emissions reporting period: 1 April 2021 to 31 March 2022

## Case study

### 10 years of Toitū certification

Our NZ team celebrated their remarkable 10-year milestone this year as a Toitū certified carbonreduce organisation. We've made significant strides with an impressive 18% reduction in emissions compared to our base year, as we continue to work towards achieving our emissions reduction targets.

Team Global Express NZ has proactively pursued several initiatives to reduce emissions and ensure long-term sustainability:

- Upgrading the owner driver truck fleet with Euro 5 (regulated lower emission) standard engines.
- Introducing electric trucks and vans to reduce carbon emissions.
- Working towards further electrification of forklift fleet
- Implementing new rail products and pricing to promote rail moving more volume from road to rail.
- Introducing electric cars as a commitment to a low carbon transport strategy.

# WASTE MINIMISATION AND MANAGEMENT

## A circular approach with Bridgestone

In line with our commitment to sustainability, Team Global Express has partnered with Bridgestone to promote sustainable practices and reduce the environmental impact of tyre waste by re-treading tyres for reuse.

Known as ‘bandag retreads’ the process involves remanufacturing old tyres and capturing as much product and rubber waste as possible during the process, for reuse.

Total amount of new tyres supplied  
June 2022 - July 2023

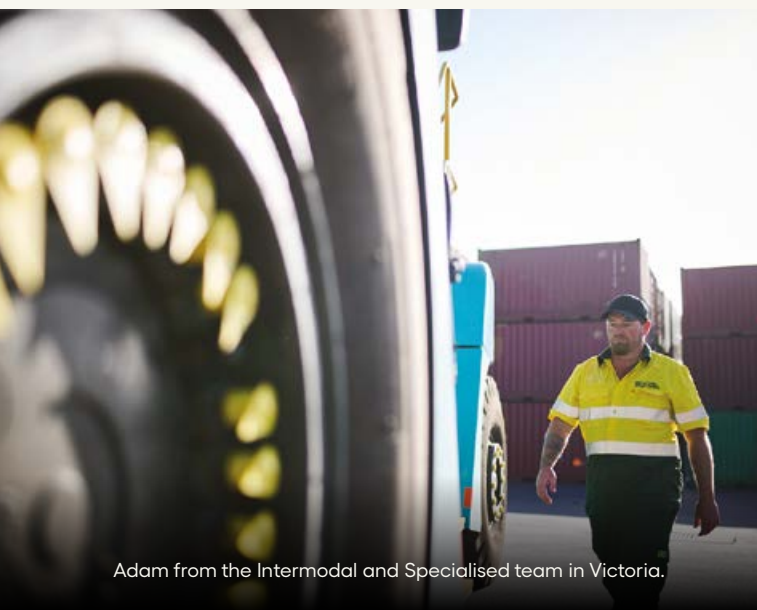
**8,021 units**

Total tyres re-treaded  
June 2022 - July 2023

**17,796 units**

Total scrapped tyres  
June 2022 - July 2023

**16,480 units**



Adam from the Intermodal and Specialised team in Victoria.

| How many times re-treaded | Volume purchased in reporting period | <sup>^</sup> Estimated CO <sub>2</sub> saved per re-tread kg | Total CO <sub>2</sub> saved kg    | <sup>^</sup> Estimated Waste reduction per re-tread kg | Total Waste reduction kg |
|---------------------------|--------------------------------------|--|-----------------------------------|--|--------------------------|
| 1                         | 11,322                               | 73   | 826,506                           | 23   | <b>260,406</b>           |
| 2                         | 6,474                                | 95   | 472,602                           | 30   | <b>194,220</b>           |
|                           |                                      |  | <b>Total kg CO<sub>2</sub></b>    | <b>Total kg Waste</b>                                  | <b>454,626</b>           |
|                           |                                      |  | <b>Total Tonne CO<sub>2</sub></b> | <b>Total Tonne Waste</b>                               | <b>454.6</b>             |

<sup>^</sup> Independent LCA conducted by Uniquist based on two scenarios with 11R22.5 size used. Attributional data assumes 100,000km use and two re-treads. Actual CO<sub>2</sub>-e emissions and solid waste depends on factors such as tyre type, tyre size, driving conditions, period of use and number of times re-treaded.