

# Summary of carboNZero certification:

Toyota New Zealand Limited



*Toyota New Zealand Limited meets the requirements of carboNZeroCert™ certification having measured its greenhouse gas emissions in compliance with the requirements of ISO 14064-1:2006, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions through the cancellation of an appropriate number of verified carbon credits in respect of the operational activities of its organisation including the entire New Zealand operation but excluding vehicle and parts freight*



**Introduction<sup>1</sup>** – Toyota New Zealand Limited’s (“Toyota”) principal business activities include:

- Importation to, and distribution within, New Zealand of new motor vehicles from the parent company (Toyota Motor Corporation) in Japan and from related companies in Europe, Australia and Thailand.
- The sale of new motor vehicles to the franchised dealer network and directly to major fleet customers.
- The sale of a range of after-market products distributed from the National Customer Centre at Palmerston North, including replacement parts, accessories, extended warranties and service contracts.
- The refurbishment and sale of used imported and ex-lease used vehicles at the Thames Signature Class facility.

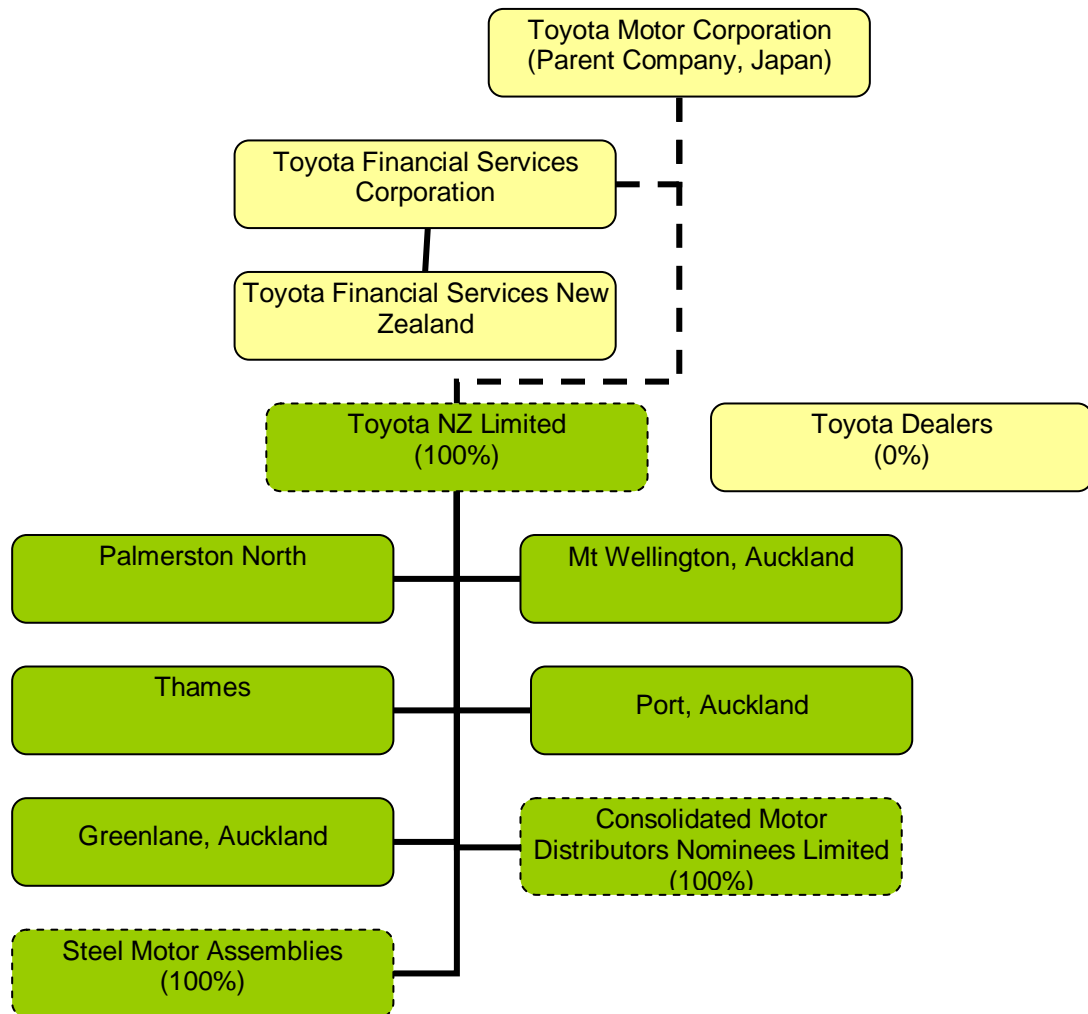
**Boundary** – the diagram below shows the organisational structure used for describing Toyota New Zealand Limited’s greenhouse gas (GHG) emissions inventory, and what business units were included in the carboNZero certification. Yellow business units were excluded from the certification.

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<sup>1</sup> **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. While every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Landcare Research does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

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**Consolidation approach** – operational control

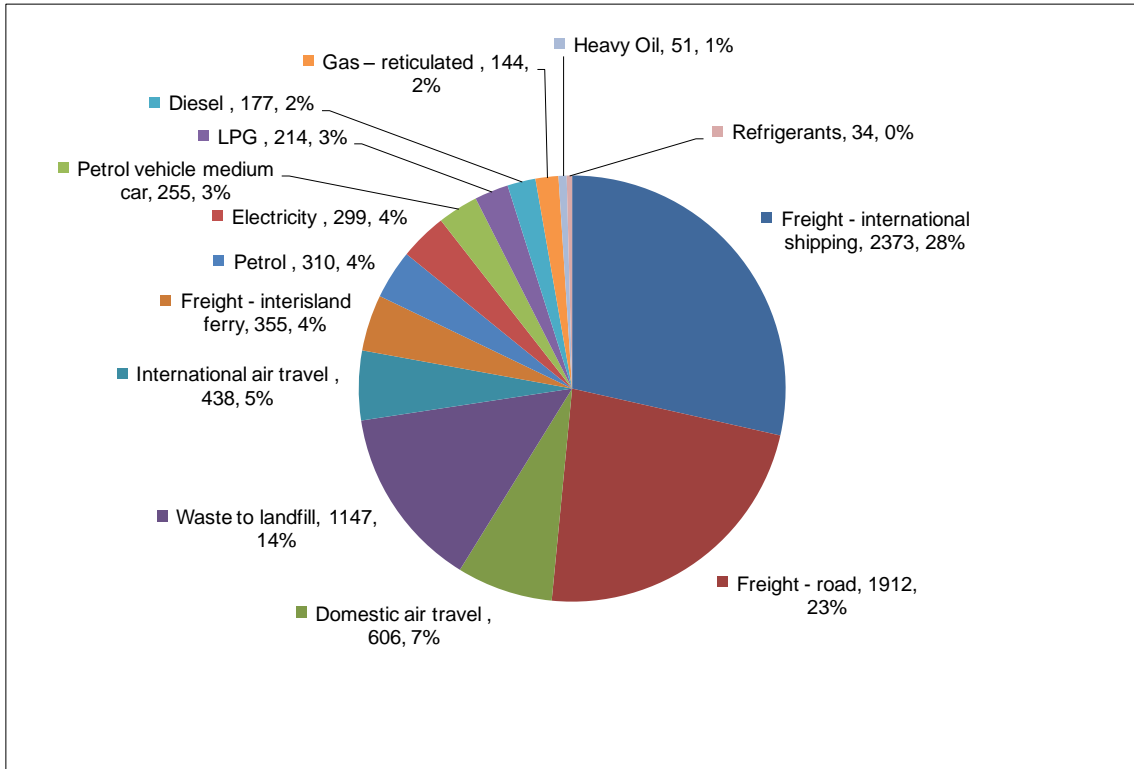
**Base year** – 01/4/2006 to 31/3/2007.

**Measurement period** – 01/4/2010 to 31/3/2011.

**GHG emissions source inclusions** – the diagram below shows the operational GHG emissions for Toyota New Zealand Limited by emissions source. Toyota New Zealand Limited's total emissions for this period were 8,317 tonnes carbon dioxide equivalents (CO<sub>2</sub>e), comprising 942 tonnes CO<sub>2</sub>e Scope 1, 299 tonnes CO<sub>2</sub>e Scope 2 and 7,076 tonnes CO<sub>2</sub>e Scope 3 emissions. Note that Toyota have chosen to measure but exclude the emissions sources associated with vehicle freight and parts freight from their carboNZero certification. These emissions sources will continue to be measured and managed as part of the entire inventory.

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**GHG emissions source exclusions** – The following emissions sources were excluded from the emissions inventory:

- Solvents
- Paint application

**GHG emissions reduction commitments** – Toyota New Zealand Limited has developed a GHG emissions reduction plan. Some projects in this plan include:

- Continue energy saving measures and on-going vigilance of existing efforts introduced across TNZ premises;
- Continued promotion of individual staff actions which can reduce power and progress reporting towards end of year target;
- Continued focus on reducing business travel (less trips) and promotion of alternatives;
- Staff incentives to choose efficient models;
- Improved vehicle fuel economy of vehicles introduced into company fleet and continued promotion of fuel saving driving techniques.

**GHG emissions reduction report against last year's plan** –

Total GHG emissions for the period were 8,317 tCO<sub>2</sub>e, compared to 2,504 tCO<sub>2</sub>e for the base year (FY2006/07). This is a significant increase, but is largely due to the inclusion of vehicle freight (of used and new vehicle imports) in the measured emissions sources in this latest

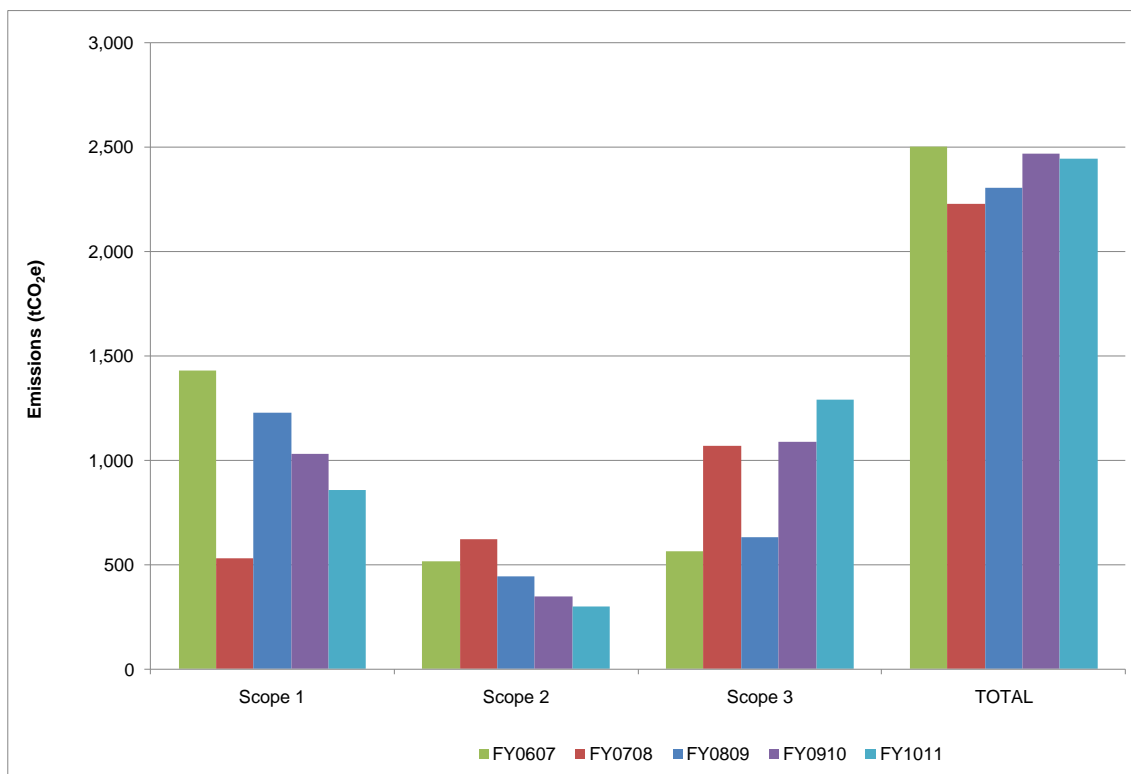
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reporting period, and also the inclusion of waste to landfill, parts freight, and refrigerant emissions sources. A comparison based on the range of emissions sources included in the measurement for both reporting periods shows that emissions for the total of these sources has decreased by 60 tCO<sub>2</sub>e (9%) compared to the base year, and by 23 tCO<sub>2</sub>e (18%) compared to the previous (FY2009/10) year.

The following diagram illustrates the comparison between Scope 1, Scope 2 and Scope 3 emissions for the reporting periods to date.



**Offset** – 3,607 tonnes CO<sub>2</sub>e VERs<sup>2</sup> from PRE<sup>3</sup> landfill gas and windpower projects. 607 tonnes from Palmerston North Landfill Gas Generation Project in NZ serial numbers “NZPRE-VER-NZ-10000000000660-01072007-31122007-14723-15329-MER-0-P” and 3000 tonnes from Tararua II Wind Project serial numbers “NZPRE-VER-NZ-10000000000158-01012005-31122005-1709263-1712262-MER-0-P” have been cancelled (or equivalent) on the Markit Registry. Emissions associated with vehicle freight and parts freight were excluded from the offset required for carboNZero certification

**Verified by** – AsureQuality

**Threshold of materiality** – excluded emissions do not exceed 5% of the total footprint for organisation and product boundary stated.

<sup>2</sup> VERs are created by eligible projects for emissions reductions achieved up to the end of 2007.

<sup>3</sup> PRE - Projects to Reduce Emissions is a New Zealand government scheme for projects that are eligible under the Joint Implementation initiative of the Kyoto Protocol – see [www.mfe.govt.nz](http://www.mfe.govt.nz)

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**Level of assurance** – Reasonable assurance

**Certification status** – carboNZero certified “organisation” covering Toyota New Zealand’s organisational GHG emissions, excluding vehicle freight.

**Certificate number** – 2011094J

**Valid until** – 31 July 2014

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