

# Summary of carboNZero certification: carboNZero



N.Z. Fresh-Cuts Limited

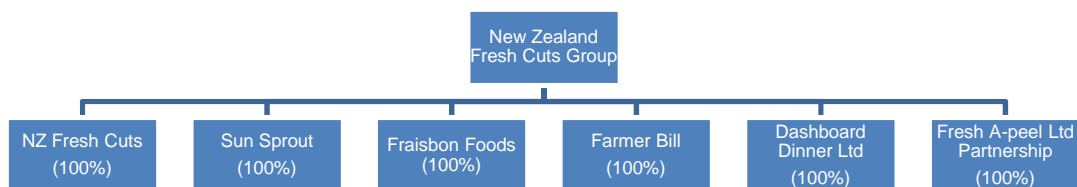
*N.Z. Fresh-Cuts Limited meets the requirements of carboNZero<sup>CertTM</sup> certification having measured its greenhouse gas emissions in compliance with ISO 14064-1:2006 including additional life cycle emissions associated with selected products, committed to managing and reducing its emissions and neutralised the remaining unavoidable emissions in respect its organisation and selected products.*



**Introduction<sup>1</sup>** – N.Z. Fresh-Cuts (NZFC) was established in 1980. The NZFC group of companies comprises a dedicated growing and processing company, several product development companies, and a growing number of consumer brands. At their main site in Otahuhu, Auckland, fresh produce is processed and packaged ready for distribution. Fresh produce is delivered daily from their farm at Rangiriri in the Waikato. Products include fresh sprouts, salad greens, vegetable mixes, and baby peeled carrots. NZFC supplies supermarkets and retail outlets throughout NZ, as well as the food service industry.

A critical consideration for NZFC is the sustainability of the environment, the company and its people. NZFC has company-wide recycling and energy efficiency initiatives such as selection of fuel efficient cars. At Rangiriri, soils and waterways are managed with consideration for the long-term sustainability of the farming operation and the surrounding environment. NZFC are actively working with suppliers to develop functional recyclable and biodegradable packaging. NZFC is a member of the Sustainable Business Network.

**Boundary** – Figures 1 and 2 below show the organisational structure used for describing NZFC group's greenhouse gas (GHG) emissions inventory, and what business units and activities were included in the carboNZero certification. The yellow business units were not included in the organisational inventory.



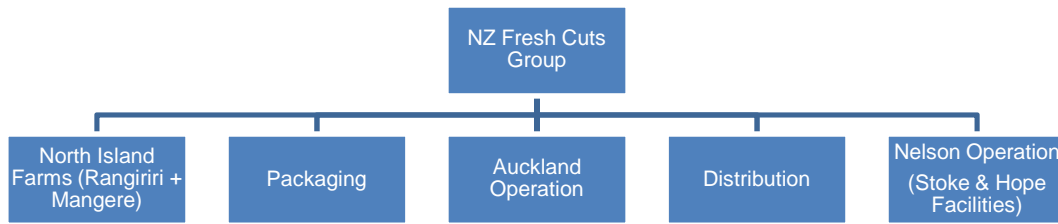
**Figure 1:** NZFC's legal structure.

<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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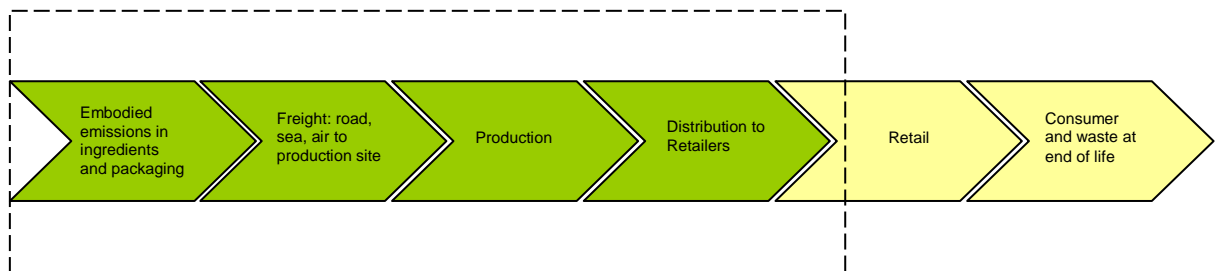


N.Z. Fresh-Cuts Limited



**Figure 2:** NZFC’s emissions reporting structure.

For the certified products<sup>2</sup>, additional life cycle GHG emissions were included to the destination on the shipping note (business-to-business boundary) as shown in the diagram below. The yellow life cycle stages were not included in the product inventory.



**Figure 3:** Production boundaries of NZ Fresh Cuts products

## Consolidation approach – Operational control

**Base year** – 01/04/2007 to 31/03/2008

**Measurement period** – 01/04/2008 to 31/03/2009

**GHG emissions source inclusions** – Figure 4 below shows the operational GHG emissions for NZ Fresh Cuts by business activity. NZ Fresh Cuts’ total emissions for this period were 3,677.39 tonnes carbon dioxide equivalents (CO<sub>2</sub>e) comprising 1,424.90 tonnes CO<sub>2</sub>e Scope 1, 515.64 tonnes CO<sub>2</sub>e Scope 2 and 774.54 tonnes CO<sub>2</sub>e Scope 3 operational emissions, and 962.31 Scope 3 additional life cycle emissions associated with the product.

<sup>2</sup> The NZ Fresh Cuts Ltd’s products (also market under the Krispkut brand) covered by the carboNZero certification are: Baby Peeled Carrots – (300g / triple Snack Packs), Salad Shakes – (Greek / Spring / Caesar), Indian and European style vegetable mix, Salads of the World – (French / Greek / Oriental), Baby Salad Greens – (Spinach / Mesclun / Cos Hearts / Fancy Lettuce / Rocket / Mesclun & Herbs), Stir Fry – Stir Crazy Singaporean, Econopack – (2 Min Stir Fry / Spinach Greens / Salad Greens / Family Value), and Fresh Zone – (Caesar Mix / Coleslaw / Coleslaw with Dressing / Crispy Mix / Herbslaw / Italian / Watercress / Organic Alfalfa Sprouts/ Alfalfa Sprouts / Crunchy Bean Combo / Mung Bean Sprouts / Onion Combo Sprouts / Salad Sprouts / Sandwich Selection / Sango Sprouts / Snowpea Shoots / Spicy Combo Sprouts).

# Summary of carbonZero certification: carbonZero

N.Z. Fresh-Cuts Limited

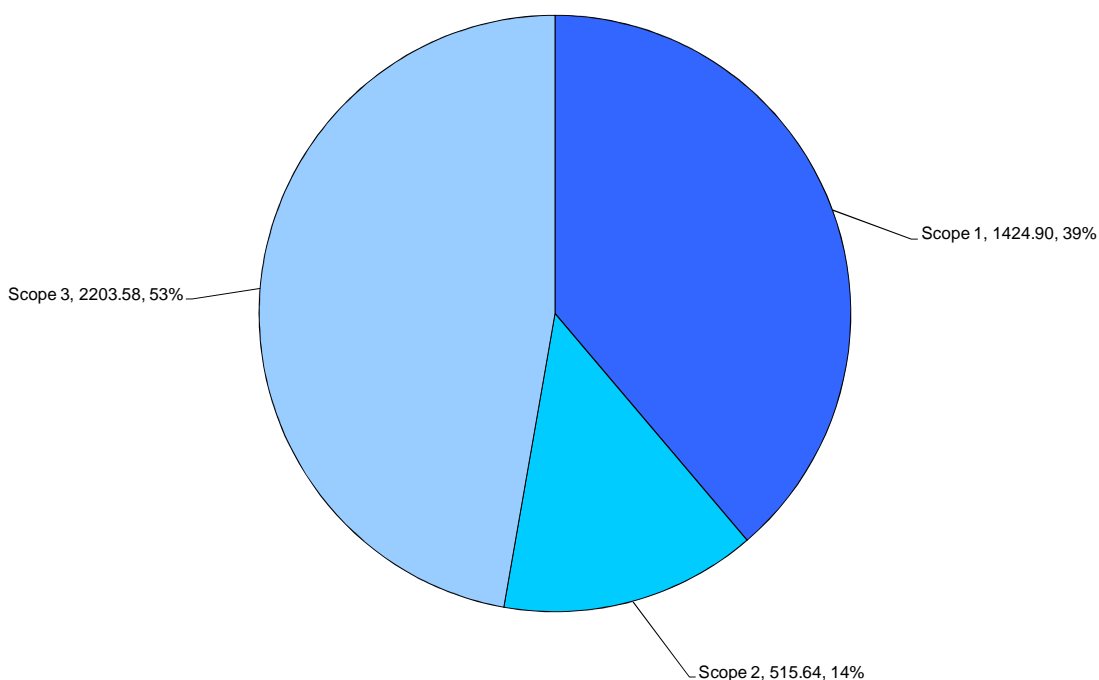


Figure 4: GHG emissions by business activity.

**GHG emissions source exclusions** – the following emissions sources were excluded due to data unavailability outside NZFC’s control:

- Embodied emissions in seed
- Embodied emissions in wetter and sticker (agrichemical)
- Embodied emissions in small amounts of plastic packaging
- Embodied emissions in labels
- Embodied emissions in some small quantities of ingredients
- Inwards freight of some one-off deliveries (e.g. gas bottles, evaporator)

**GHG emissions reduction commitments** – NZFC has developed a GHG emissions reduction plan. Some projects in this plan include:

- 12 % reduction in electricity consumption by December 2009
- 12% reduction of distribution related emissions by December 2009
- 50% reduction in solid waste by April 2010
- 10% reduction in diesel use on farm by March 2010
- Replacement of two cars by more economical diesel cars by April 2010

**Offset** – 3191 tonnes CO<sub>2</sub>e. VERs<sup>3</sup> Palmerston North City Council, Awapuni windpower project. Serial numbers PREVER-CMSLTD-AWAPUNI-07-0000012125 - PREVER-CMSLTD-AWAPUNI-07-0000015315 have been cancelled (or equivalent) on the Markit Environmental Register. Carbon credits were not required to offset 487.35 tonnes CO<sub>2</sub>e emissions from purchased electricity used by the Auckland operations because this electricity is purchased from Meridian Energy.

<sup>3</sup> VERs are created by eligible projects for emissions reductions achieved up to the end of 2007.

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N.Z. Fresh-Cuts Limited

**Verified by** – Verification New Zealand

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

**Level of assurance** – **Reasonable** assurance for organisational emissions and **limited** assurance for the additional life cycle emissions

**Certification status** – carboNZero certified “organisation” and certified “products”.

**Certificate number** – 2009082J

**Valid until** – 30 November 2010

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