

# Summary of carboNZero certification: NZ Fresh Cuts Ltd



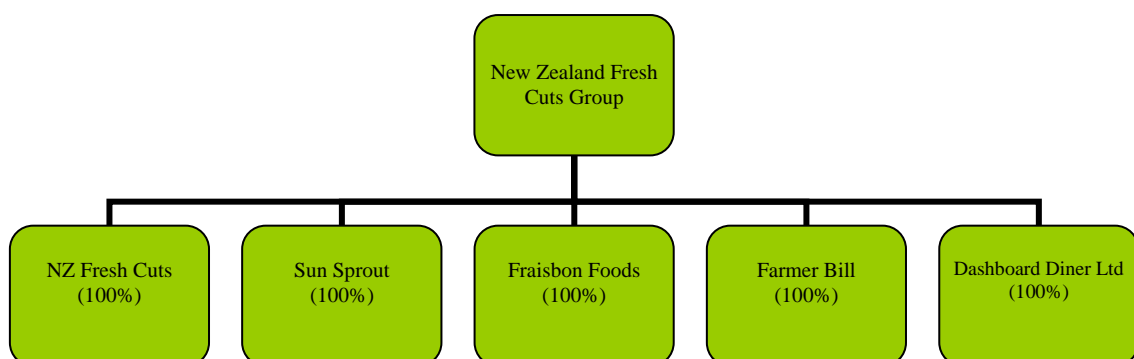
*NZ Fresh Cuts Ltd meets the requirements of the carboNZero<sup>Cert™</sup> certification having measured and committed to reducing its greenhouse gas emissions and mitigated its remaining unavoidable emissions in respect of its organisation and selected products.*



**Introduction<sup>1</sup>** – NZ Fresh Cuts Ltd (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.

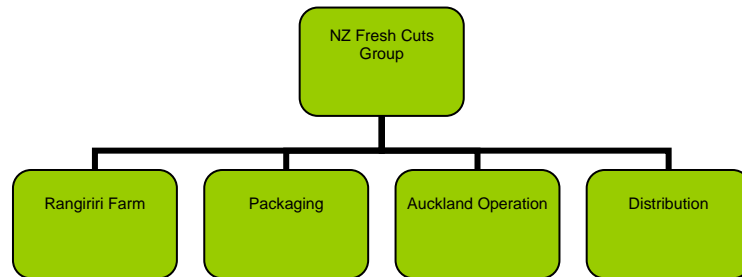
A critical consideration for NZFC is the sustainability of the environment, the company and its people. NZFC has company-wide recycling and energy efficiency initiatives such as selection of fuel efficient cars. At Rangiriri, soils and waterways are managed with consideration for the long-term sustainability 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** – the diagram below shows the organisational structure used for describing NZ Fresh Cuts group’s greenhouse gas (GHG) emissions inventory, and what business units and activities were included in the carboNZero certification.



<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.

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

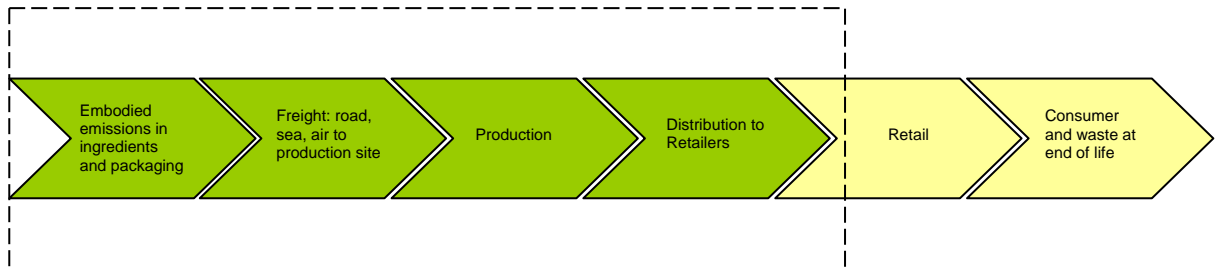


**Figure 2:** NZFC's emissions reporting structure.

# Summary of carboNZero certification: NZ Fresh Cuts Ltd



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.



**Consolidation approach** – operational control

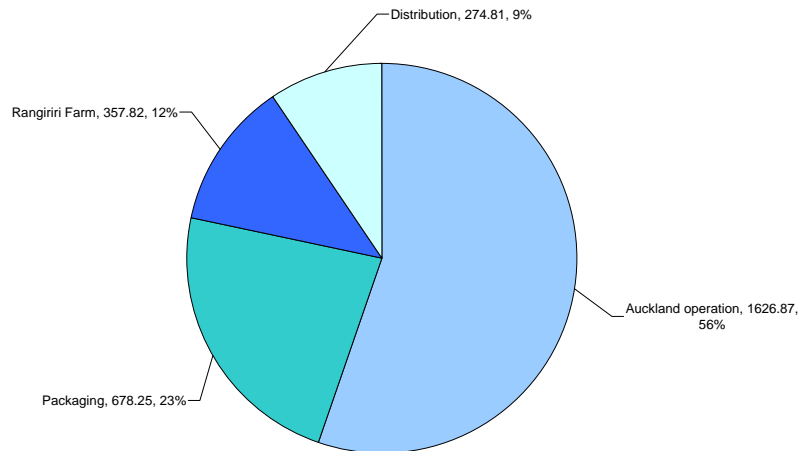
**Base year** – 01/04/2007 to 31/03/2008.

**Measurement period** – 01/04/2007 to 31/03/2008

**GHG emissions source inclusions** – the diagram below shows the operational GHG emissions for NZ Fresh Cuts by business activity. NZ Fresh Cuts' total emissions for this period were 2937.75 tonnes carbon dioxide equivalents (CO<sub>2</sub>e) comprising 764.71 tonnes CO<sub>2</sub>e Scope 1, 672.51 tonnes CO<sub>2</sub>e Scope 2 and 490.87 tonnes CO<sub>2</sub>e Scope 3 operational emissions, and 1009.67 Scope 3 additional life cycle emissions associated with the product.

<sup>2</sup> The NZ Fresh Cuts Ltd's products covered by the carboNZero certification are: Baby Peeled Carrots – (300g / triple Snack Packs), Salad Shakes – (Greek / Spring / Caesar), 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: NZ Fresh Cuts Ltd



**GHG emissions source exclusions** – the following emissions sources were excluded due to data unavailability outside NZ Fresh Cuts control:

- Embodied emissions in seed
- Embodied emissions in wetter and sticker (agricultural)
- Embodied emissions in small amounts of plastic packaging
- Embodied emissions in labels
- Embodied emissions in some small quantities of ingredients

**GHG emissions reduction commitments** – NZ Fresh Cuts Ltd 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** – 2316 tonnes CO<sub>2</sub>e. VERs<sup>3</sup> from PRE<sup>4</sup> landfill gas recovery and windpower projects. Serial numbers PREVER-CMSLTD-AWAPUNI-07-0000019783 to 0000020882 (1100 tonnes CO<sub>2</sub>e), VERGS-MERI-TAPI-07-0000001237 to 0000001876 (640 tonnes CO<sub>2</sub>e), and Tararua II windpower 317049 to 317624 (576 tonnes CO<sub>2</sub>e) have been cancelled (or equivalent) on regi and the carboNZero programme register. Carbon credits were not required to offset 622 tonnes CO<sub>2</sub>e emissions from purchased electricity used by the Auckland operations because this electricity is purchased from Meridian Energy.

**Verified by** – PricewaterhouseCoopers

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

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

<sup>4</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)

## Summary of carboNZero certification: NZ Fresh Cuts Ltd



**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** – 2009020

**Valid until** – 30 June 2009

NZ Fresh Cuts Ltd, 22 Bell Avenue, Otahuhu, Auckland, New Zealand  
Tel: 0064 (0)9 270 0122, Email: [stephen.dench@nzfreshcuts.co.nz](mailto:stephen.dench@nzfreshcuts.co.nz), Web: [www.nzfreshcuts.co.nz](http://www.nzfreshcuts.co.nz)