

# Summary of carboNZero certification:



Antipodes Water Company Limited

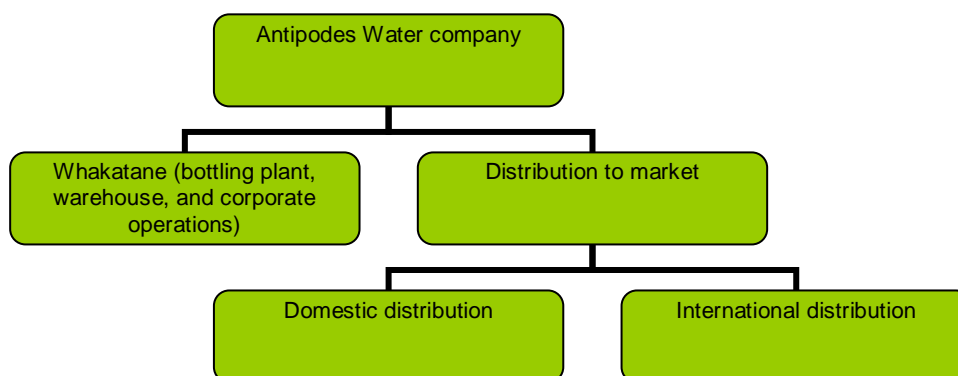
*The Antipodes Water Company Limited meets the requirements of carboNZero certification having measured its greenhouse gas emissions in compliance with ISO 14064-1:2006 including additional life cycle emissions associated with its products, committed to managing and reducing its emissions, and neutralised its remaining emissions unavoidable emissions through the cancellation of an appropriate number of verified carbon credits in respect of the operational activities of its organisation and water products.*



**Introduction<sup>1</sup>** – Antipodes Water Company Limited bottle and distribute still and sparkling water from an aquifer in Whakatane, Bay of Plenty, New Zealand. Antipodes Water Company delivers internet purchase orders to homes and offices throughout New Zealand, and also internationally. Antipodes Water Company also has a network of distributors in various countries for supplying the hospitality industry.

The current product range sold by Antipodes Water Company Limited is 500ml and 1000ml bottled still water, and 500ml and 1000ml bottled sparkling water. Working with the carboNZero programme and being certified as carbon neutral has reinforced Antipodes philosophies of looking for ways to do things differently and operate more efficiently.

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



**Figure 1.** The Antipodes Water Company Limited structure.

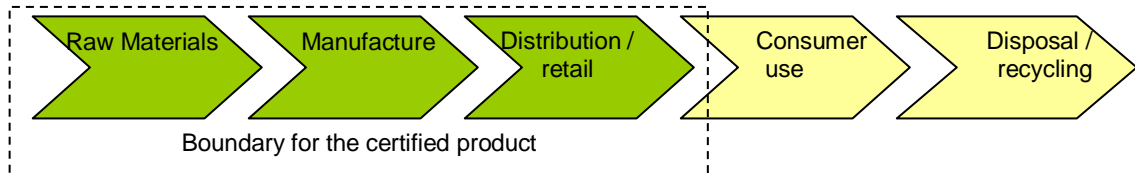
<sup>1</sup> **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. While every effort has been made to ensure that the information in this 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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For the certified product, additional life cycle GHG emissions were included in the inventory as shown in the diagram below. The yellow life cycle stages were not required and not measured for the product inventory.



**Figure 2.** Life cycle phases for Antipodes Water Company products.

**Consolidation approach** – operational control

**Base year** – 01/04/2006 to 31/3/2007.

**Measurement period** – 01/04/2010 to 31/3/2011.

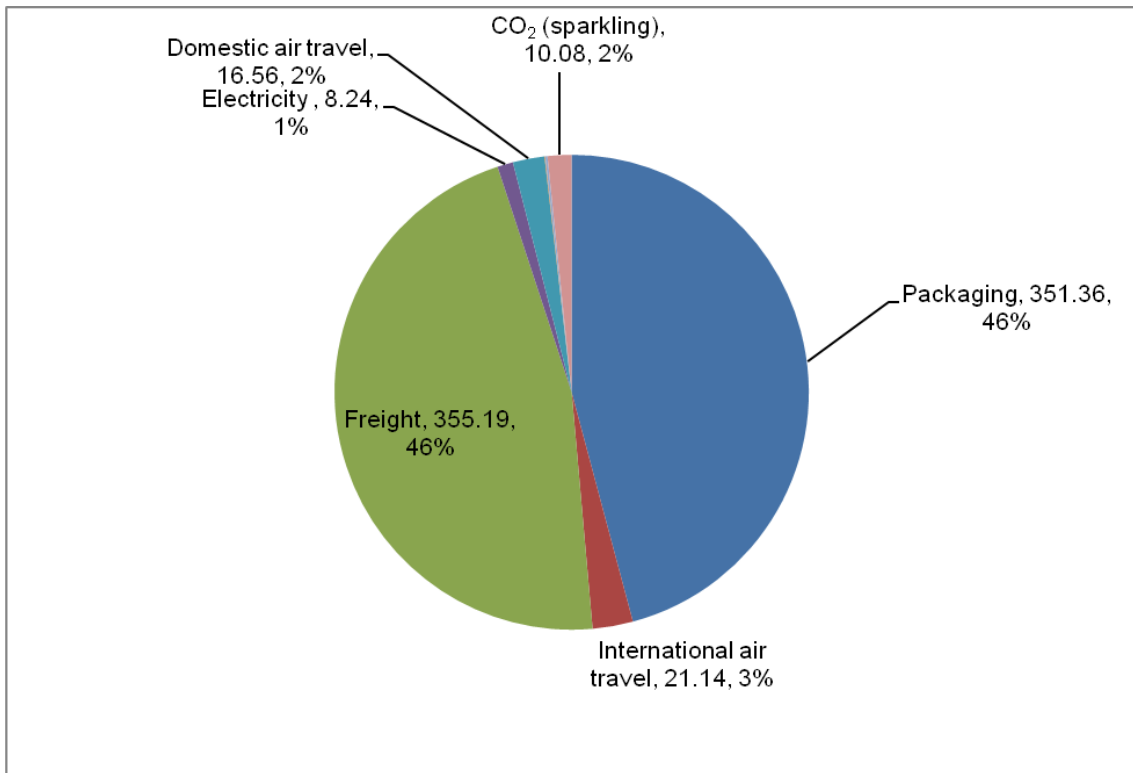
**Emissions source inclusions** – the diagram below shows the operational GHG emissions for Antipodes Water Company Limited by emissions source. Antipodes Water Company Limited's total emissions for this period were 766. 51 tonnes carbon dioxide equivalents (CO<sub>2</sub>e) comprising:

- 0.95 tonne CO<sub>2</sub>e Scope 1,
- 8.24 tonnes CO<sub>2</sub>e Scope 2
- 757.33 tonnes CO<sub>2</sub>e Scope 3

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**Emissions source exclusions** – Antipodes Water Company Limited had the following emissions source exclusions for this measurement period:

- Waste to landfill as *de minimis*.

**Emissions reduction commitments** – Antipodes Water Company Limited has developed a GHG emissions reduction plan. Some projects in this plan include:

- Reduce glass packaging weights in order to reduce both embodied emissions and freight emissions.
- Utilize 'back-loading' for outwards freight movements.
- Reduce air travel through the use of phone and video conferencing for meetings.

**Emissions reduction report against last year's plan** – some of Antipodes Water Company Limited's achievements since their last reporting period include:

- Air travel reduced by limiting board meeting travel requirements and focusing on the NZ & Australian markets.
- Packaging weight reduced by changing cardboard specifications.
- Power reductions have been made through limiting the use of the compressor on non-production days.

**Offset** – 767 tonnes CO<sub>2</sub>e. EBEX21 Native Forest Regeneration Projects compliance units from the Permanent Forest Sinks Initiative. Serial numbers 801917-802683 have been cancelled on the New Zealand Emissions Unit Register

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**Verified by** –ASUREQuality Limited

**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 the organisation, limited assurance for the product

**Certification status** – carboNZero certified “organisation” and “product” covering corporate operations, production plant, packaging materials, and distribution to market.

**Certificate number** – 2011102J

**Valid until** – 31 July 2014

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