

Kaimira Ventures Limited

Disclosure 1 of 3 year certificate period

Kaimira Ventures Limited meets the requirements of carboNZero^{Cert™} certification having measured its greenhouse gas emissions in compliance with ISO 14064-1:2006 including additional life cycle emissions associated with its wine products, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions through the cancellation of an appropriate number of verified carbon credits with respect to the its organisation and wine products.



Introduction¹ – Kaimira Ventures Limited (Kaimira Ventures) is a private company, and owns a 20 hectare vineyard and winery situated in Livingston Road, Brightwater, in the Nelson Region, New Zealand. Kaimira Ventures also manages a 6 hectare vineyard at a property in River Terrace Road, Brightwater, which is owned by the two Kaimira Ventures shareholders.

Since launching in 1999 the business has steadily grown and now operates a state-of-the-art winery producing the Kaimira Estate and Brightside label range of wines from estate-grown grapes and a small amount grown by a sustainability-accredited local contract grower.

Working with the carboNZero programme and being certified as carbon neutral builds on a commitment to sustainability which has all the winery vineyards and the winery accredited under the Sustainability Winegrowing New Zealand programme.

Boundary – The diagram below shows the organisational structure used for describing Kaimira Ventures' greenhouse gas (GHG) emissions inventory, and what business activities were included in the carboNZero certification. Business activities in yellow were excluded from the certification.

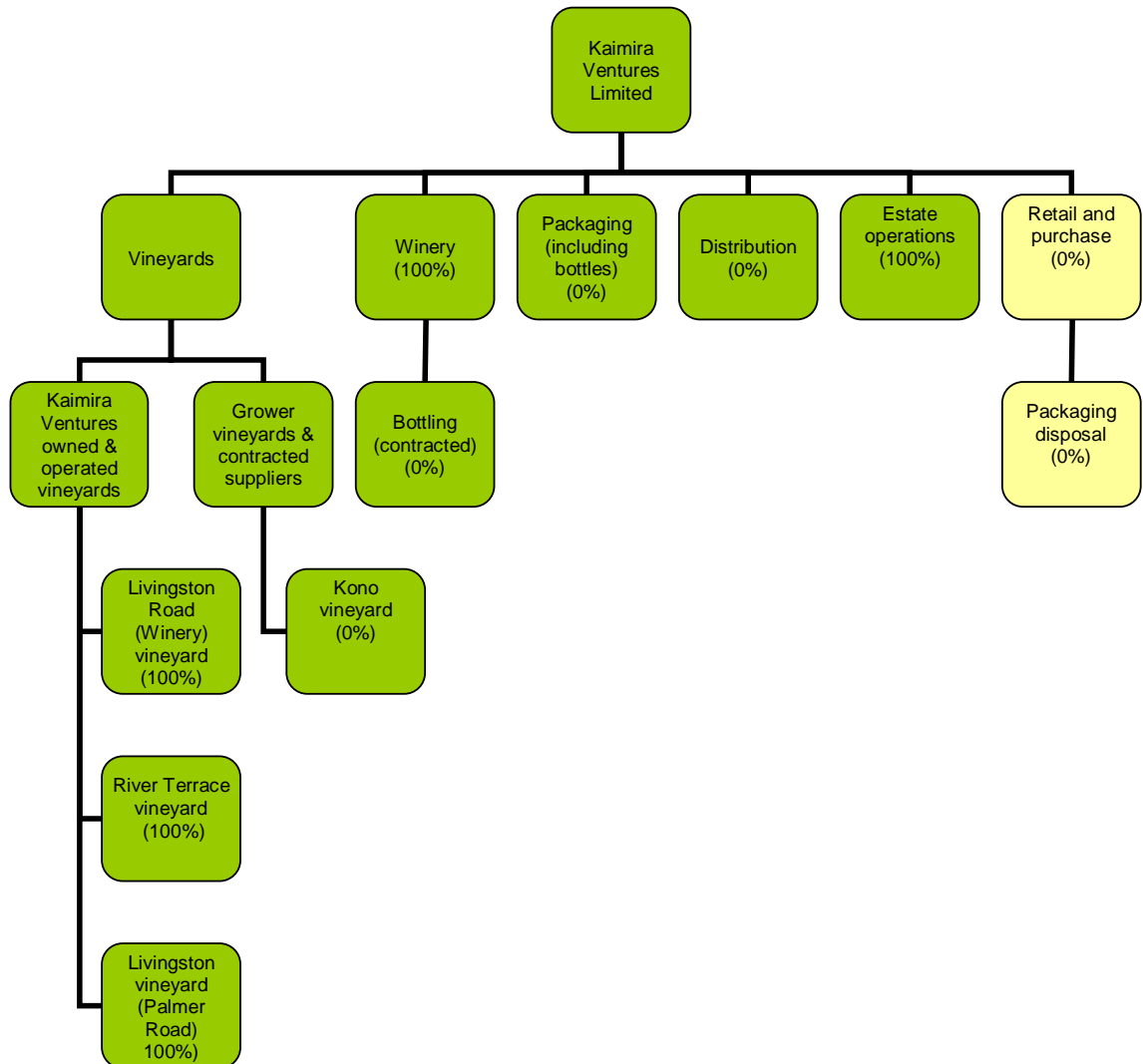
¹**Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. While every effort has been made to ensure that the information in this Disclosure 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.

Summary of carboNZero certification:

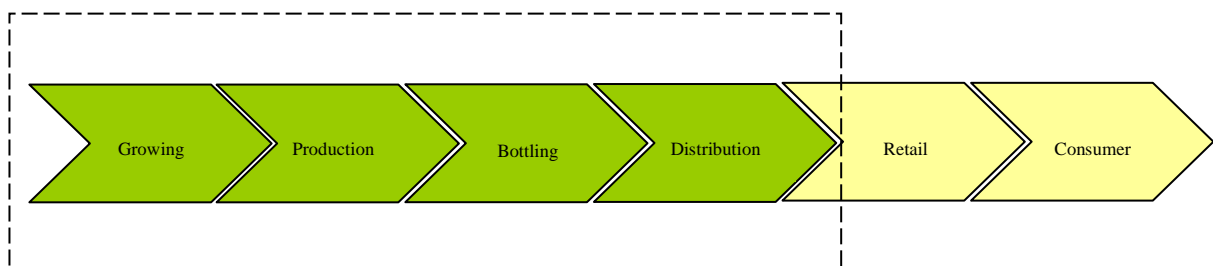


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The diagram below shows what has been included in this inventory for the wine product measurement, in the context of the generic life-cycle of wine products. The life-cycle stages in yellow were not included in inventory.



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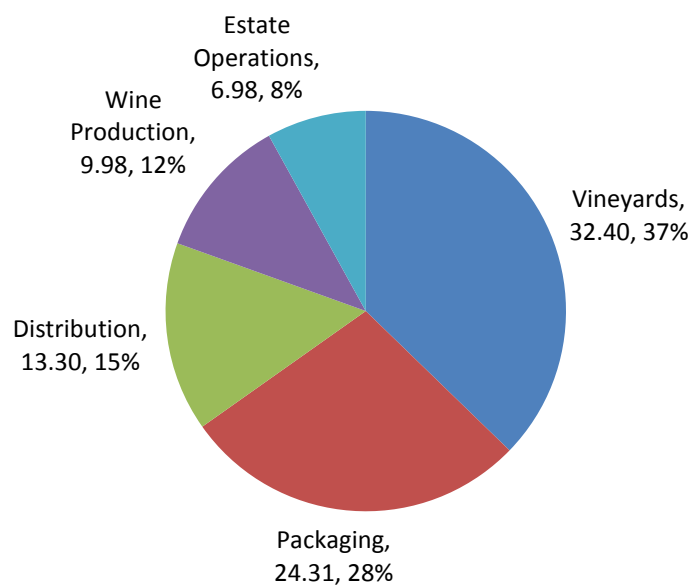
Consolidation approach – Operational control.

Base year – 01/04/2006 to 31/03/2007.

Measurement period – 01/04/2010 to 31/03/2011.

Emissions source inclusions – Kaimira Ventures' inventory includes use of diesel, petrol and LPG as Scope 1 operational emissions, electricity as Scope 2 operational emissions, and embodied emissions associated with the use of packaging, the enteric fermentation of sheep, and freight (international shipping, road) as Scope 3 operational emissions.

Kaimira Ventures' total operational emissions for this period were 86.97 tonnes carbon dioxide equivalents (CO₂e). These operational emissions of Kaimira Ventures comprised 12.56 tonnes CO₂e Scope 1, 7.50 tonnes CO₂e Scope 2 and 66.91 tonnes CO₂e Scope 3 emissions. The diagram below shows operational GHG emissions for Kaimira Ventures by business activity, expressed in terms of tonnes carbon dioxide equivalents (CO₂e) and the percentage of total emissions.



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

- Diesel use in contractor vehicles, as estimated emissions were below the *de minimis* of 1%
- Fermentation emissions and disposal of winery waste, in line with international best practice
- Embodied emissions of dry goods used in winemaking, due to lack of activity data
- contract bottling, as estimated emissions were below the *de minimis* of 1%
- Freight (road transport) for transport of goods to the vineyards and winery, as estimated emissions were below the *de minimis* of 1%
- Waste to landfill, as estimated emissions were below the *de minimis* of 1%

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- Emissions associated with the retail, customer use and waste disposal at the end of life of the product, as these are outside the boundary.

Emissions reduction commitments – Kaimira Ventures has developed a GHG emissions reduction plan. Some projects in this plan include:

- Reduce emissions associated with the use of electricity by effective monitoring and analysis of usage data and developing protocols for effective use
- Reduce freight related emissions by promoting larger volume trade sales
- Reduce emissions from diesel vehicles by maintain fuel efficiency targets
- Reduce packaging-related emissions by exploring alternative packaging components, including lighter-weight bottles
- Investigate the use of biodiesel and gasification for refrigeration.

Emissions reduction report against last year's plan – This is Kaimira Ventures' fifth emissions inventory report. A comparison of operational emissions shows that there was an overall increase (39%, 24.6 tonnes CO₂e) in operational emissions across all scopes compared to the base year (2006/07), most significantly (of greatest magnitude) for Scope 3 emissions. It should be noted however that there has been a significant decrease (24% and 25% respectively) in both Scope 1 and Scope 2 emissions compared to the 2009/10 reporting period. There has been a significant increase in the scale of business operations compared to the base year: a 66% increase in vineyard area, and a 7% increase in wine processed at the Kaimira winery.

Offset – 85 tonnes CO₂e. Tararua II Wind Power Project (VERs). Serial numbers 343485 – 343569 cancelled in the Markit Environmental Registry. Carbon credits were not required to offset emissions from purchased electricity up to 30 June 2010 because all electricity is purchased from Meridian Energy. Meridian Energy electricity was a carboNZero certified product up to this date.

Verified by – carboNZero Strategic Business Unit.

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 wine “products”.

Certificate number – 2011109J - Year 1.

Valid until – 31 July 2014.

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