

Summary of carboNZero certification:



Huia Vineyards Limited

Huia Vineyards Limited meets the requirements of carboNZero^{Cert™} certification having measured its greenhouse gas emissions in compliance with the requirements of ISO 14064-1 including additional life cycle emissions associated with the selected 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 in respect of the operational activities of its organisation and the selected wine products¹



Introduction² – Huia Vineyards Limited is a private wine production company established in 1996, located in the Wairau Valley, Marlborough, New Zealand. As quoted on their website³, Huia Vineyards Limited is “focused on hand crafting fine unique wines expressing the richness of Marlborough grapes from the vineyard through to the table. Blending modern and traditional techniques Huia makes seven premium wine varieties: Sauvignon Blanc, Pinot Gris, Gewürztraminer, Riesling, Chardonnay, Pinot noir and Vintage Huia Brut.” In addition, Huia also produces quality wines under the Hunky Dory label including Sauvignon Blanc, Pinot Noir, Chardonnay and the Tangle (a blended aromatic wine). Both labels are included under the carboNZero scheme.

Huia Vineyards Limited owns a winery and three vineyards. It employs six full-time staff and two seasonal staff. Huia Vineyards Limited is also involved in the Sustainable Winegrowing New Zealand scheme, with both the winery and Huia Vineyards Limited-owned vineyards achieving accreditation⁴. In addition, Huia has recently joined the Biagro Organic Certification Scheme.

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

¹ Products covered by this certification are: Huia Sauvignon Blanc, Huia Chardonnay, Huia Riesling, Huia Pinot Gris, Huia Gewürztraminer, Huia Rosé, Huia Pinot Noir, and Huia Botrytised Riesling.

² **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.

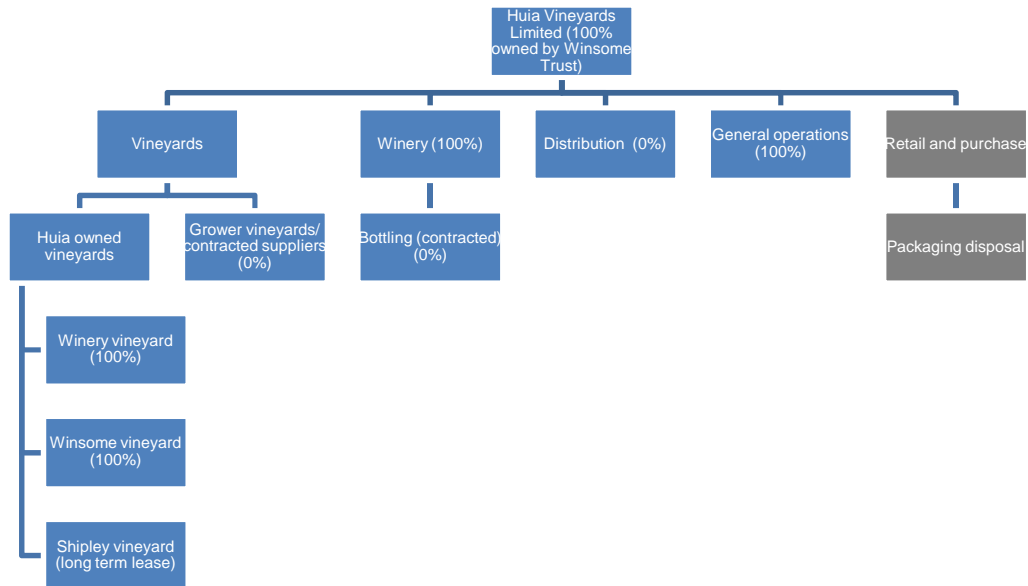
³ <http://www.huia.net.nz/default.asp> (accessed 9/10/09)

⁴ <http://www.huia.net.nz/about/viticulture.asp> (accessed 9/10/09)

Summary of carboNZero certification:



Huia Vineyards Limited



Consolidation approach – Operational control

Base year – 01/07/2006 to 30/06/2007

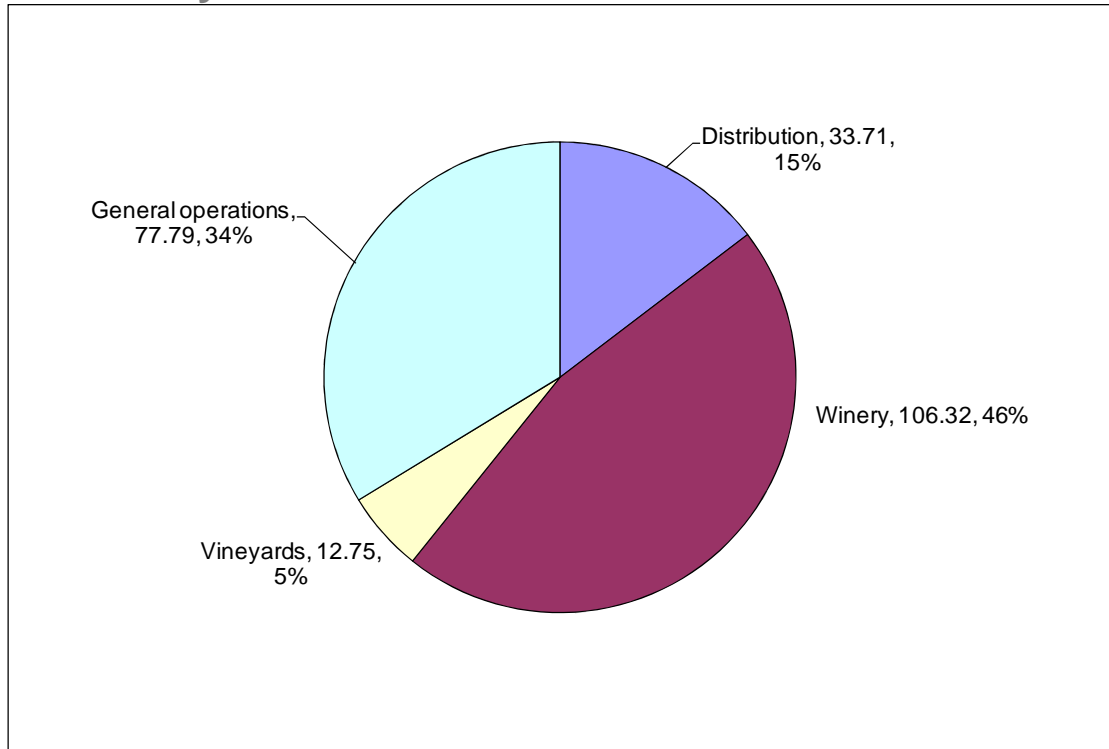
Measurement period – 01/07/2009 to 30/06/2010

GHG emissions source inclusions – the diagram below shows the operational GHG emissions for Huia Vineyards Limited by emissions source. Huia Vineyards Limited's total emissions for this period were 235.41 tonnes carbon dioxide equivalents (CO₂e) comprising 67.16 tonnes CO₂e Scope 1, 14.76 tonnes CO₂e Scope 2 and 153.49 tonnes CO₂e Scope 3 emissions.

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GHG emissions source exclusions – The following emissions sources have been identified and excluded from the GHG emissions inventory:

- Fertiliser – embodied emissions
- Dry goods used in winemaking – embodied emissions
- Fermentation emissions
- Winery gases

GHG emissions reduction commitments – Huia Vineyards Limited has developed a GHG emissions reduction plan. Some projects in this plan include:

- Use Sheep to reduce mowing and weeding in winter.
- Investigate the use of Bio-diesel and gasification for refrigeration.
- Investigate the cost/benefit of solar power in the winery.

GHG emissions reduction report against last year's plan –

- Improved data gathering to improve reporting accuracy
- Changes to organic production have changed the dynamics of fuel use
- Changes to carboNZero electricity provider still awaiting the end of contractual obligations

Offset – 236 tonnes CO₂e. VERs⁵ from EBEX21⁶ projects. Serial numbers 110790 - 111025 have been cancelled (or equivalent) on carboNZero registry.

Verified by – Verification NZ

⁵ VERs are created by eligible projects for emissions reductions achieved up to the end of 2007.

⁶ EBEX21 – Emissions Biodiversity Exchange in the 21st Century project creates carbon credits through the regeneration of native forest on private land – see www.ebex21.co.nz

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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 organisation and limited for products

Certification status – carboNZero certified in respect of its “organisation” and “wine products”.

Certificate number – 2010134J

Valid until – 31 October 2013

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