

Summary of carboNZero certification:

Huia Vineyards Ltd



Huia Vineyards Ltd meets the requirements of the carboNZero^{Cert™} certification having measured its greenhouse gas emissions in compliance with ISO 14064-1, committed to managing and reducing its emissions and neutralised its remaining unavoidable emissions in respect of the operational activities of its organisation and all wine products.



Introduction¹ – Huia Vineyards Ltd is a private wine production company established in 1996, located in the Wairau Valley, Marlborough, New Zealand. As quoted on their website², Huia Vineyards Ltd 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.”

Huia Vineyards Ltd owns a winery and three vineyards. It employs five full-time staff and two seasonal staff. Huia Vineyards Ltd is also involved in the Sustainable Winegrowing New Zealand scheme, with both the winery and Huia Vineyards Ltd-owned vineyards achieving accreditation³. In addition, Huia has recently joined the Biogro Organic Certification Scheme.

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

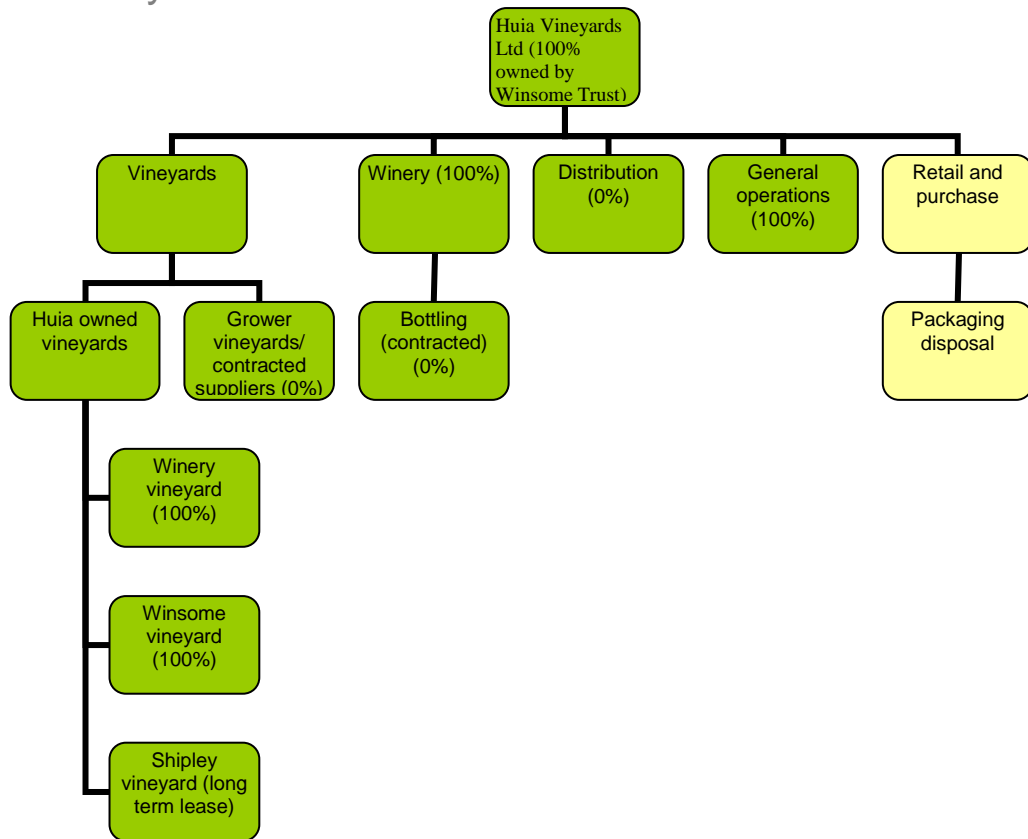
² <http://www.huia.net.nz/default.asp> (accessed 9/10/09)

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

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Consolidation approach – operational control

Base year – 01/07/2006 to 30/06/2007

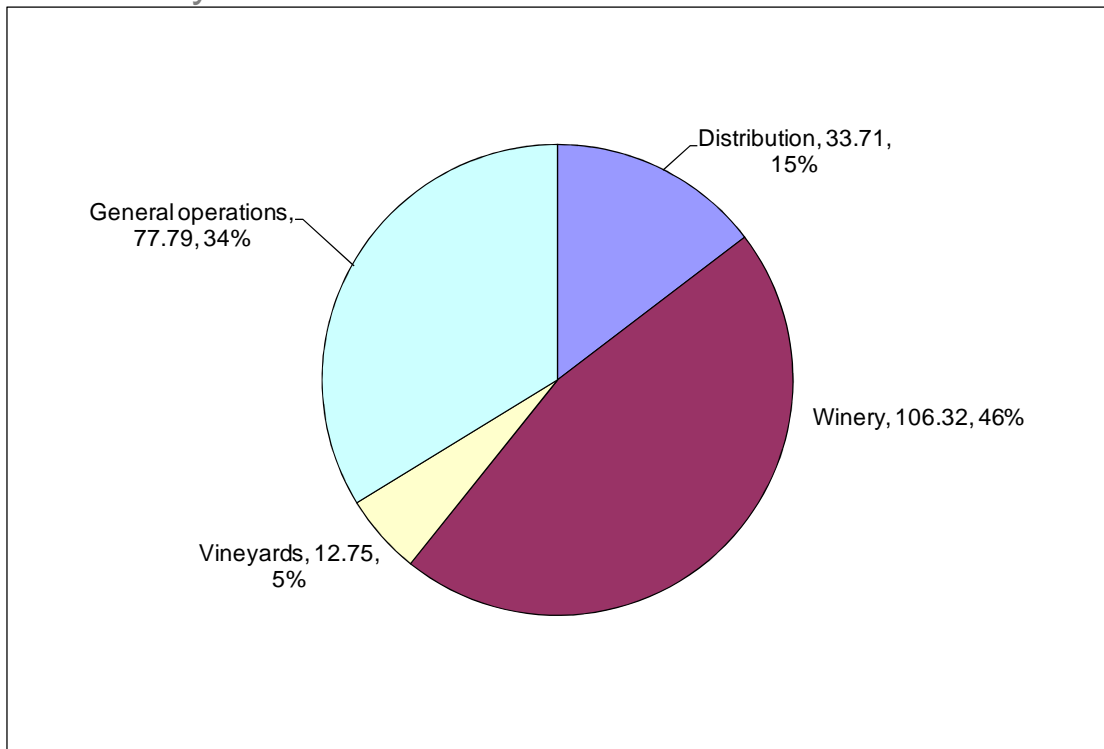
Measurement period – 01/07/2008 to 30/06/2009

GHG emissions source inclusions – the diagram below shows the operational GHG emissions for Huia Vineyards Ltd by emissions source. Huia Vineyards Ltd's total emissions for this period were 230.57 tonnes carbon dioxide equivalents (CO₂e) comprising 69.7 tonnes CO₂e Scope 1, 19.84 tonnes CO₂e Scope 2 and 141.03 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 Ltd 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 – 231 tonnes CO₂e. AAUs⁴ from Trustpower Hydro projects created under the New Zealand Government's PRE⁵ above scheme. Serial numbers 500001-500231 have been cancelled (or equivalent) on the carboNZero registry.

⁴ AAUs are created by eligible projects for emissions reductions achieved up to the end of 2007.

⁵ PREs are 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.

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Verified by – Verification NZ

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 assurance for products

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

Certificate number – 20100020J

Valid until – 30 September 2010

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