



# **PUBLIC DISCLOSURE STATEMENT**

**ROSS HILL WINE GROUP**

**PRODUCT CERTIFICATION**

**FY2022–2023**


Australian Government  
**Climate Active**  
**Public Disclosure Statement**

**ROSS HILL**  
 ORANGE NSW AUSTRALIA



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Ross Hill Wine Group Pty Ltd
REPORTING PERIOD	Financial Year - 1 July 2022 – 30 June 2023 Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p>  <p>Name of signatory <b>BELINDA LIAT</b>          Position of signatory <b>OFFICE MANAGER</b>          Date <b>20/5/24</b></p>



**Australian Government**  
**Department of Climate Change, Energy,  
 the Environment and Water**

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Version: August 2023



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	323 tCO <sub>2</sub> -e
THE OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Pangolin Associates Pty Ltd
TECHNICAL ASSESSMENT	19/12/2023 Pangolin Associates Pty Ltd Next technical assessment due: FY2026

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023 and covers all wine brands sold to customers by Ross Hill Wine Group ABN 47 604 711 962.

This certification only covers the wines sold to customers by Ross Hill Wines. The Climate Active certification for their Australian business operations is covered by a separate Organisation Public Disclosure Statement, found [here](#).

### Product/Service description

The product certified is all the wine bottles sold to customers by Ross Hill Wine Group during FY2022/23. The functional unit is a single 750ml bottle of wine.

This is a full coverage certification that includes the emissions associated with wine bottles from cradle to gate (from grape growing to sale to customers). Consumption of wine and end use of wine bottles and packaging is outside of the control of the responsible entity (Ross Hill Wine Group) and is excluded from this submission.

## 3. EMISSIONS BOUNDARY

### Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

**Quantified** emissions have been assessed as 'attributable processes' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions have been quantified in the carbon inventory.

**Non-quantified** emissions have been assessed as attributable and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

### Outside the emissions boundary

**Non-attributable** emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

**Inside emissions boundary**

**Quantified**

- Grape purchased
- Packaging materials
- Chemicals
- Freight
- Wine bottles
- Wine caps
- Warehousing
- Wine Labels
- Champagne corks

**Non-quantified**

N/A

**Optionally included**

N/A

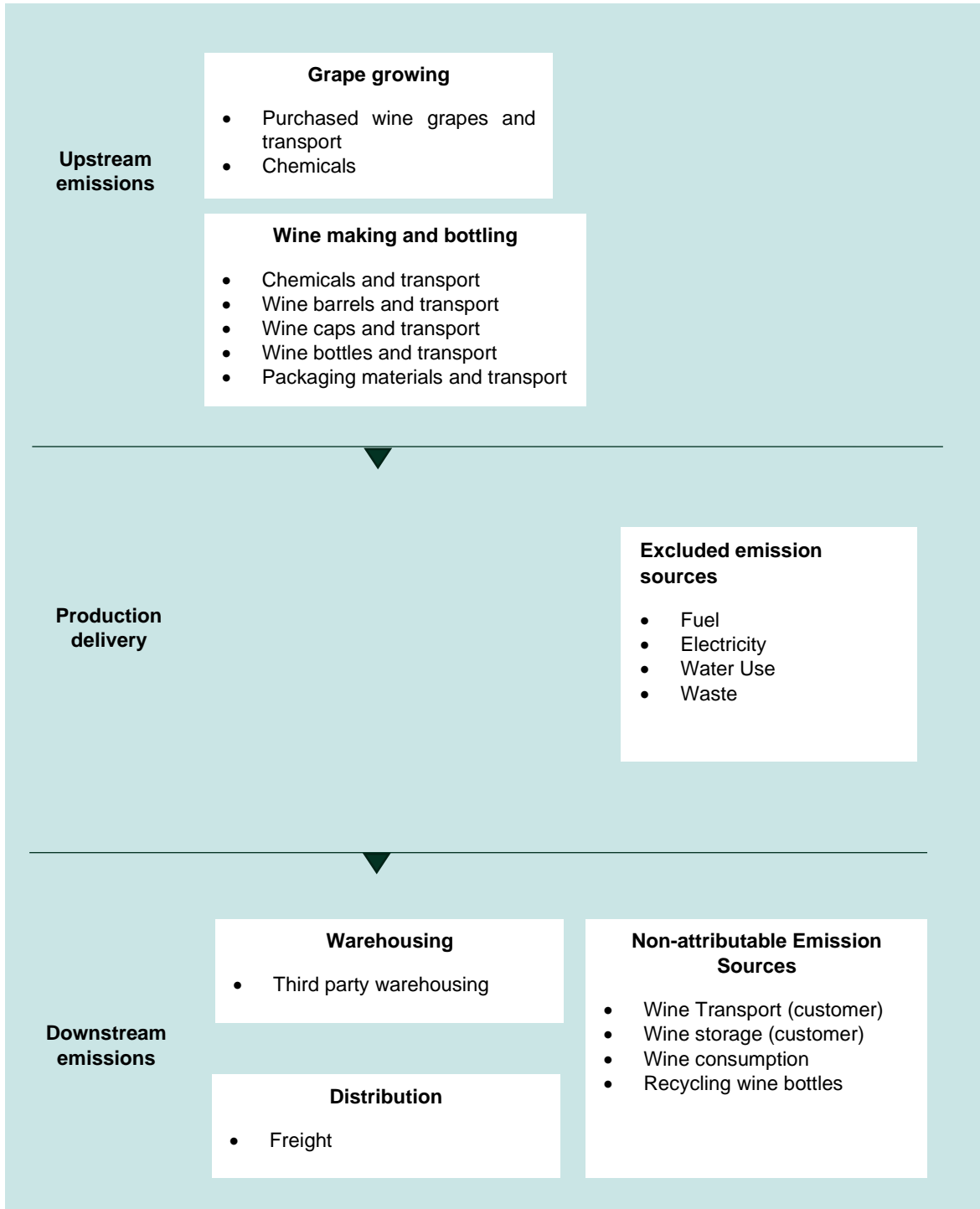
**Outside emission boundary**

**Non-attributable**

- Wine consumption
- Recycling wine bottles
- Wine storage (customer)

## Product process diagram

The following diagram is cradle to gate description of the wine production process (from grape growing to sale to customers). Consumption of wine and end use of wine bottles and packaging is outside of the control of the responsible entity (Ross Hill Wine Group).



## 4.EMISSIONS REDUCTIONS

### Emissions reduction strategy

Ross Hill Wines commits to reduce the emissions intensity of its wine bottles, but is still defining a final emission reduction target by evaluating and implementing the following actions during FY2024:

- Improving the accounting of GHG emissions for the following activities:
  - Freight: work with our freight suppliers to get detailed freight reports to improve the greenhouse gas emissions accounting of their services.
  - Wine barrels and pallets purchases: measure GHG emissions from total weights of barrels and pallets purchased from suppliers rather than the total expense.
- Collaborate with our suppliers to obtain product specific GHG emissions metrics and improve the accuracy of our GHG accounting. Ross Hill Wines will encourage its suppliers to certify their products and services as carbon neutral, which would reduce Ross Hill Wines' product emissions.
- Change our Pinnacle wine bottles to a lighter model, which will reduce the emissions generated by the freight of the bottles.

Ross Hill Wines is also committed to regenerate the natural environment where it operates. Over the next 5 years, we will plant 30 hectares of native trees and flora at our winery.

You can read our progress on [our website](#).

### Emissions reduction actions

There were no specific emissions reduction actions implemented during FY2023.



## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e	Emissions intensity of the functional unit
Base year:	2014–2015	437.6	2.36
Year 6:	2020–2021	316.28	1.73
Year 7:	2021–2022	349.93	3.13
Current Year (Year 8):	2022-2023	322.88	2.15

### Significant changes in emissions

Emission source name	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Detailed reason for change
Upstream freight	3.86	14.26	In FY23 inbound freight for purchased grapes, new oak barrels, chemicals and packaging, and transport of grape skins to compost were included. In FY22 only transport of grapes to crushing was included.
Wine Bottles	84.41	110.19	Bigger harvest in 22/23 so more wine manufactured.
Labels	16.64	0.55	Changing from input-output method to activity data based on actual label quantity and estimated weight.
Grape purchases from other growers	85.76	32.97	Changing from input-output method to activity data based on actual weight of grapes purchased.
Wine barrels and pallets	28.39	39.75	Higher harvest yield 22/23, than 21/23, therefore more barrels required for winemaking and more wines bottled to be packed onto pallets.

## Use of Climate Active carbon neutral products and services

N/A.

### Emissions summary

Stage	tCO2-e
Chemicals	32.56
Corks	0.00
Freight	74.66
Glass wine bottles	110.19
Grape	32.97
Screw caps	25.13
Warehousing	2.00
Wine barrels and pallets	38.75
Wine labels	0.55
Wine packaging	6.08

<b>Emissions intensity per functional unit</b>	2.15
<b>Number of functional units to be offset</b>	150,379.00
<b>Total emissions to be offset</b>	322.88

## 6. CARBON OFFSETS

### Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 323 t CO<sub>2</sub>-e. The total number of eligible offsets used in this report is 323. Of the total eligible offsets used, 0 were previously banked and 385 were newly purchased and retired. 62 are remaining and have been banked for future use.

### Co-benefits

The main purpose of this project activity is to generate clean form of electricity through renewablesolar energy source. The project is a bundled project activity which involves installation of 120MW solar project in different states of India through SPVs.Over the 10 years of first crediting period, the project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 213,089 tCO<sub>2</sub>e per year, thereondisplacing 220,752 MWh/year amount of electricity from the generation-mix of power plantsconnected to the Indian grid, which is mainly dominated by thermal/fossil fuel based power plant

## Eligible offsets retirement summary

Offsets retired for Climate Active carbon neutral certification												
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)	
Bundled Solar Power Project by Solararise India Projects PVT. LTD.	VCU	Verra	20/12/2023	<a href="#">10730-245080438-245080822-VCS-VCU-997-VER-IN-1-1762-26042018-31122018-0</a>	2018	0	385	0	62	323	100%	
<b>Total offsets retired this report and used in this report</b>										323		
<b>Total offsets retired this report and banked for future reports</b>									62			
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total					
Verified Carbon Units (VCUs)		323					100%					

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

N/A.

## APPENDIX A: ADDITIONAL INFORMATION

N/A.

## APPENDIX B: ELECTRICITY SUMMARY

Ross Hill Wine Group organisation emissions are measured and offset as part of the parent organisation certification.

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### **Non-quantified emission sources**

There were no non quantified emissions in this certification. Ross Hill Wine Group organisation emissions are measured and offsetted as part of the parent organisation certification available [here](#).

### **Excluded emission sources**

Ross Hill Wine Group organisation emissions are measured and offsetted as part of the parent organisation certification available [here](#).



## APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.
2. **Influence** The responsible entity could influence emissions reduction from a particular source.
3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.
5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

## Non-attributable emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
<b>Wine transport (customers)</b>	Y	N	N	N	N	<p><b>Influence:</b> We do not have the potential to influence the emissions from this source, because customers control the choice of mode of transport and distance travelled to stores.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product.</p> <p><b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.</p>
<b>Wine Storage</b>	N	N	N	N	N	<p><b>Size:</b> The emissions source is likely to be close to 0 kg-CO<sub>2</sub> e/functional unit, which is not large compared to other attributable emissions.</p> <p><b>Influence:</b> We do not have the potential to influence the emissions from this source, because customers control the choice and length of storage.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product.</p> <p><b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.</p>
<b>Wine Consumption</b>	N	N	N	N	N	<p><b>Size:</b> The emissions source is likely to be close to 0 kg-CO<sub>2</sub> e/functional unit, which is not large compared to other attributable emissions.</p> <p><b>Influence:</b> We do not have the potential to influence the emissions from this source, because customers control the wine consumption.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product.</p> <p><b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.</p>

**Bottle recycling**

N N N N N

**Size:** The emissions source is likely to be close to 0 kg-CO<sub>2</sub> e/functional unit, which is not large compared to other attributable emissions.

**Influence:** We do not have the potential to influence the emissions from this source, because customers control the disposal.

**Risk:** There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.

**Stakeholders:** Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product.

**Outsourcing:** We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.



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