



# **PUBLIC DISCLOSURE STATEMENT**

ROSS HILL WINE GROUP

PRODUCT CERTIFICATION  
FY 2021-2022


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

**ROSS HILL**  
ORANGE NSW AUSTRALIA



An Australian Government Initiative



<b>NAME OF CERTIFIED ENTITY</b>	Ross Hill Wine Group
<b>REPORTING PERIOD</b>	Financial Year – 01/07/2021 to 30/06/2022
<b>DECLARATION</b>	<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><i>Signature here</i></p> 
	<p>Name of signatory <b>JAMES ROBSON</b> Position of signatory <b>OWNER</b> Date <b>13/4/23</b></p>



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

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# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	350 tCO <sub>2</sub> -e
THE OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	100%
TECHNICAL ASSESSMENT	Next technical assessment due: FY2023

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This inventory has been prepared for the financial year from 1 July 2021 to 30 June 2022 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 description

The product certified is all the wine bottles sold to customers by Ross Hill Wine Group during FY2021/22. 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.

*"Ross Hill Wines relies on trusted certifications to demonstrate its environmental claims. Climate Active provides a transparent process"*

## 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' that become the product, make the product and carry the product through its life cycle. These 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*

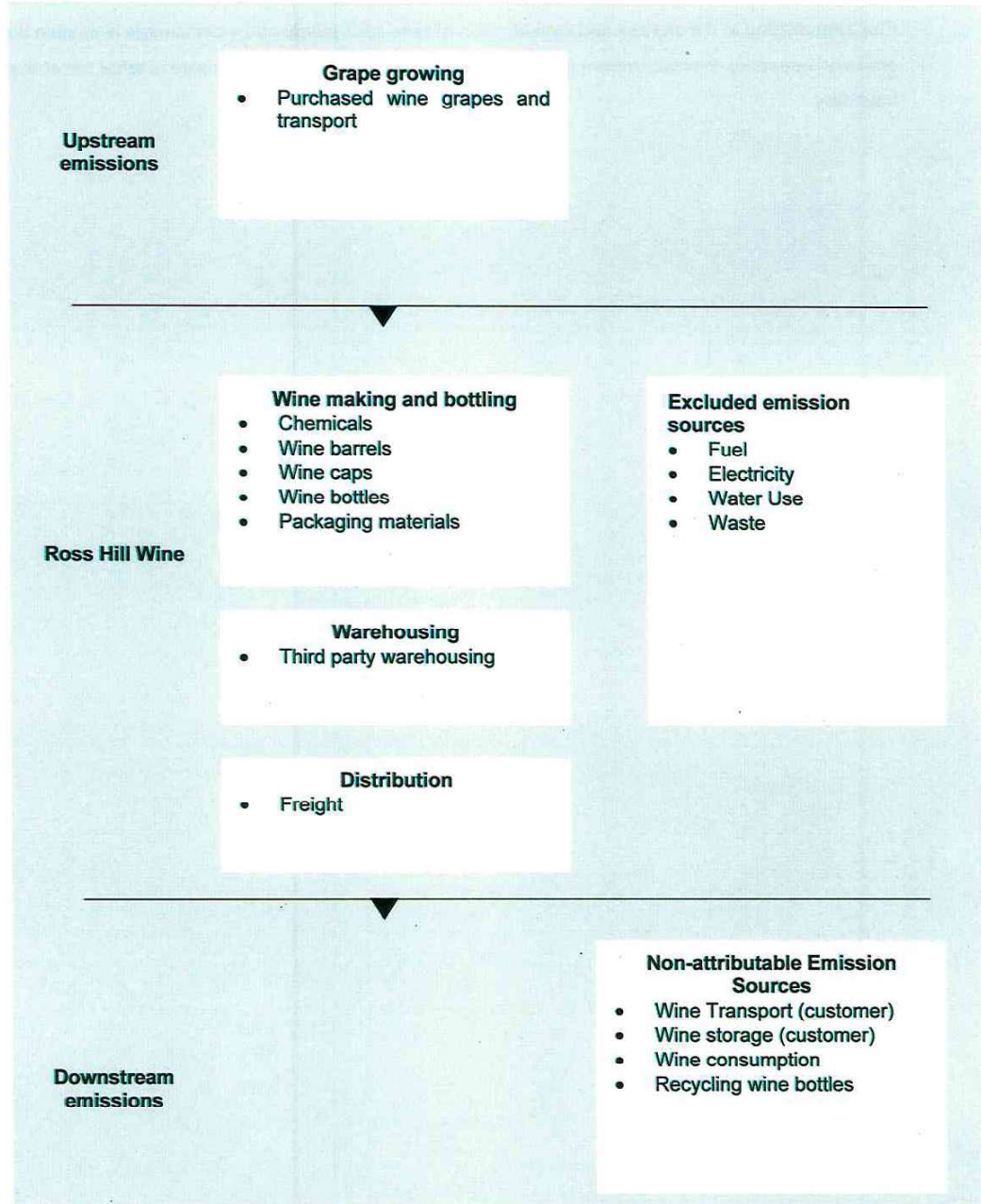
*Recycling wine bottles*

*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).



## **Data management plan for non-quantified sources**

There are no non-quantified sources in the emission boundary that require a data management plan.

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

Emission relating to the storage and consumption of wine after purchase by consumers is outside the emission boundary. Emissions from recycling of wine bottles by consumers is also outside the emission boundary.



## 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 FY2023 and 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.
  - Grape purchases: measure GHG emissions from total weights of grapes purchased to 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 FY2022.

## 5.EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e
Base year:	2014-2015	437.6
Year 5:	2010-20	210.61
Year 6:	2020-21	316.28
Current Year (Year 7):	2021-22	349.93

### Significant changes in emissions

Emission source name	Current year (tCO <sub>2</sub> -e and/ or activity data)	Previous year (tCO <sub>2</sub> -e and/ or activity data)	Detailed reason for change
Freight to warehouse/customer/bottles/ packaging	64.45	16.52	The cost of freight has increased and there were more deliveries during FY2021/22.
Wine Bottles	84.40	59.18	Similar quantity but update of the emission factors (Higher than FY2021)
Labels	16.64	46.12	Similar quantity but update of the emissions factor (lower than FY2021)
Grape purchases from other growers	85.76	106.41	Similar quantity but update of the emissions factor (lower than FY2021)
Chemicals	25.61	29.53	Less chemicals purchased due to stockpile from

previous years.

Wine barrels and pallets	28.39	7.98	Purchase of stock barrels and pallets for wine making for future years.
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## Product emissions summary

Stage	tCO2-e
Chemicals	25.61
Corks	0.00
Freight	68.21
Glass wine bottles	84.41
Grape	85.76
Screw caps	32.73
Warehousing	1.81
Wine barrels and pallets	28.39
Wine labels	16.64
Wine packaging	6.36
<b>Emissions intensity per functional unit</b>	<b>3.13</b>
<b>Number of functional units to be offset</b>	<b>111,623</b>
<b>Total emissions to be offset</b>	<b>349.93</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

#### In arrears

1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	350
3. Total eligible offsets required for this report	350
4. Total eligible offsets purchased and retired for this report	350
5. Total eligible offsets banked to use toward next year's report	0

### Co-benefits

Ross Hill Wines invested into the Bundled Wind Power Project by Mytrah Group in India.

In addition to generating renewable energy, Mytrah Energy's projects seek to achieve additional benefits to the local community. They promote rural development through fodder cultivation to feed animals, integrated livestock development (artificial insemination), shade nets to cover vegetable crops, and youth training and skill development. They also promote improvements in health with a project to enhance access to preventative healthcare and early diagnosis and intervention for a population of 100,000 in Hyderabad slums, and by upskilling 100 healthcare volunteers. There are also associated sanitation benefits such as the construction of individual household latrines, reducing incidents of communicable and waterborne diseases, empowering women, establishing 7 safe drinking water RO plants in 3 states, and eradicating dental and skeletal fluorosis in target villages. There is also a focus on education by facilitating secondary coaching and certification along with training on life skills to 500 adolescent girls who had dropped out of school before the Grade X examination, establishing 4 Community Resource Centres, recruiting and training 8 teachers, controlling open defecation and promoting personal hygiene, and developing content in conjunction with UNICEF.

## Eligible offsets retirement summary

Offsets cancelled 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 (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 Wind Power Project by Mytrah Group	VCUs	Verra	22/11/2022	6918-3586611097-358611446-VCU-034-APX-IN-1-1728-01012017-24112017-0	2017	0	350	0	0	350	100%
Total offsets retired this report and used in this report										350	
Total offsets retired this report and banked for future reports										0	
Quantity (used for this reporting period claim)										350	
Percentage of total										100%	
Type of offset units											
Verified Carbon Units (VCUs)											



## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### 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.

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>
Wine transport (customers)	No	No	No	No	No
Wine Storage	No	No	No	No	No
Wine Consumption	No	No	No	No	No
Bottle recycling	No	No	No	No	No



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