

**Please note:** This form is for winery Entwine Australia membership or membership renewal, and should be completed in reference to one winery site only. Please refer to the **Entwine Reporting Guide** (Below) for specific advice on answering these questions, the Entwine Australia website also provides general information regarding the submission of data [www.wfa.org.au/entwineaustralia](http://www.wfa.org.au/entwineaustralia) and contact details for seeking further help. When completing this form, including the carbon footprint, only include resource use associated with winemaking, packaging and warehousing (do not include grape growing, cellar door or restaurant), if separate metering is not conducted please make a considered estimate.

**Entwine Australia Indicators**

1. Financial Year of Data Collection \_\_\_\_\_ / \_\_\_\_\_
2. Please estimate the amount of grapes and wine that was processed for each activity listed below during the last financial year. Include own and contracted winemaking and packaging.

**Winemaking that was conducted at this site:**

- 2a. Tonnes of Grapes Crushed .....(T)
- 2b. Full winemaking (from grape crushing to finishing at this site) .....(kL)
- 2c. First stages of winemaking only (crushing, ferment etc, but not finished at this site) .....(kL)
- 2d. Last stages of winemaking only (wine or juice from elsewhere that is finished at this site) .....(kL)

**Bottling and or Packaging by volume that was handled at this site:**

- 2e. Wine packaging/bottling of wine made at this site .....(kL)
- 2f. Wine packaging/bottling of wine from elsewhere .....(kL)

3. Total Winery Water Use .....(kL)
4. Total Wastewater and Liquid Waste Generated .....(kL)
5. Estimate the percentage of winery water that is recycled or reused .....(%)
6. Total solid waste produced .....(T)
7. Total waste to landfill .....(T)
8. Total Electricity use .....(kWh)
9. Total Natural Gas .....(cu. m)
10. Total Petrol used .....(L)
11. Total Diesel used (excluding biodiesel) .....(L)
12. Total LPG used .....(L)
13. What is the area of land and/or wetlands in hectares that you manage that has been set aside with the primary purpose of maintaining and or reintroducing a natural ecosystem and biodiversity?  
.....(Ha)

**Please continue on next page.**  
**Refer to the Entwine Reporting Guide for help in completing this form**

**Carbon Footprint**

Generate this information by entering data relevant to winemaking, packaging and warehousing only into the Australian Wine Carbon Calculator

**Scope 1 Emissions**

- 14. Total Fuel Use Emissions (Mobile & Stationary) .....(tonnes CO<sub>2</sub>-e)
- 15. Fugitive Emissions (Gas Leakages - SF6) .....(tonnes CO<sub>2</sub>-e)
- 16. Winemaking Practices (Purchased CO<sub>2</sub>) .....(tonnes CO<sub>2</sub>-e)
- 17. Onsite Waste Treatment Emissions (Solid & Liquid) .....(tonnes CO<sub>2</sub>-e)

**Scope 2 Emissions**

- 18. Purchased Electricity Emissions .....(tonnes CO<sub>2</sub>-e)

**Total Winery Operational Emissions**

- 19. Total Scope 1 and 2 Emissions .....(tonnes CO<sub>2</sub>-e)

**Scope 3 Emissions**

- 20. Packaging Emissions only .....(tonnes CO<sub>2</sub>-e)

**Environmental Management Certification**

**Full Entwine membership applicants only**

- 1. What scheme is your company certified to? .....
- 2. What is your certification number (if applicable)? .....
- 3. What date does your certification expire? .....

**Preliminary Entwine membership applicants only**

- 4. What certification scheme does your company intend to become certified to? .....

**Winery Details**

ENTWINE MEMBERSHIP NUMBER (CURRENT MEMBERS): \_\_\_\_\_  
 COMPANY NAME: \_\_\_\_\_  
 WINERY NAME: \_\_\_\_\_  
 WINERY GI REGION: \_\_\_\_\_ WINERY STATE: \_\_\_\_\_  
 ENTWINE ACCREDITED BRAND(S): \_\_\_\_\_

**Contact Details**

CONTACT: \_\_\_\_\_ ABN: \_\_\_\_\_  
 POSTAL ADDRESS: \_\_\_\_\_ SUBURB/TOWN: \_\_\_\_\_  
 STATE: \_\_\_\_\_ POSTCODE: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_ WEB (Optional): \_\_\_\_\_

**Declaration**

I \_\_\_\_\_ declare that the above information is true and accurate to the best of my knowledge.  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please submit the completed form along with Entwine Australia membership fees to WFA using the details below. Your membership will be processed in due course and you will be entered onto the Entwine Australia online register. **PLEASE NOTE: Operators using alternate approved certification schemes (other than Freshcare) will also need to provide proof of certification in the form of a certificate to the WFA.**

**Please continue on next page.**

**Entwine Australia Annual Fee**

**New Entwine Members WFA Member**

New Winery Members Joining in: <b>July - October</b>	\$110.00 (GST inc.)	\$ _____
New Winery Members Joining in: <b>November - February</b>	\$75.00 (GST inc.)	\$ _____
New Winery Members Joining in: <b>March - May</b>	\$40.00 (GST inc.)	\$ _____
New Winery Members Joining in: <b>June</b>	\$0.00 (GST inc.)	\$ _____

**New Entwine Members Non WFA Member**

New Winery Members Joining in: <b>July - October</b>	\$440.00 (GST inc.)	\$ _____
New Winery Members Joining in: <b>November - February</b>	\$290.00 (GST inc.)	\$ _____
New Winery Members Joining in: <b>March - May</b>	\$145.00 (GST inc.)	\$ _____
New Winery Members Joining in: <b>June</b>	\$0.00 (GST inc.)	\$ _____

**Current Entwine Member Renewal**

Renewing winery member \$110.00 (GST inc.) \$ \_\_\_\_\_

**Payment details**

**Cheque**

Please make cheque payable to Winemakers' Federation of Australia and attach to this form

**Credit Card**

Advise credit card details below

Card type:  Mastercard  Visa

Card Number:     /     /     /

Expiry Date: \_\_\_\_\_ / \_\_\_\_\_ Card Name: \_\_\_\_\_

Card Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Electronic Funds Transfer**

Please reference payment as: Entwine (*vineyard/winery name*)

EFT Details:

Westpac Banking Corporation  
Account Name: Winemakers' Federation of Australia  
BSB: 035 000  
Account No: 364226

**Authorised representative**

Name: \_\_\_\_\_ Position: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Please note that this form also acts as a tax invoice and is to be kept for your records.**

Please submit the completed form along with EntWine Australia membership fees to WFA using the details below. Your membership will be processed in due course and you will be entered onto the EntWine Australia online register.

**What do I report?**

Report on the resources used in the production wine from a single winery site, including activities such as grape crushing, wine fermenting and bottling (including contract activities). Only include activities conducted at the winery site, for example if your business conducts bottling at a separate location, do not include resource uses for those off-site processes here. Resource uses in other activities that are managed by your business at the site, such as a cellar door or restaurant should not be included. If these activities are not metered separately an estimate of the proportion of resource linked to the winery operations only is sufficient.

All information will be held in strict confidentiality and is for the purposes of providing feedback to members on their performance relative to averages from the Entwine membership.

If you have any concerns or difficulties in completing your Entwine data reporting please contact Damien Griffante on (08) 8222 9251 or [damien@wfa.org.au](mailto:damien@wfa.org.au)

**Entwine Australia Indicators and Carbon Footprint for wineries:**

**1. Financial Year of Data Collection** Record the financial year (eg 10/11) for the data you are reporting on

**2. Scope and scale of your winery operation**

Question one is to place your other questions (2-20) in the context of the type and scale of your winery operation. Please estimate the amount of grapes and wine processed in the last financial year for each activity listed below, including contracted winemaking and bottling activities. One kilolitre is the same volume as 1000 litres or a cubic metre (m<sup>3</sup>).

**Winemaking that was conducted at this site:**

**2a. Tonnes of grapes crushed (T)** – Total tonnage of grapes crushed at the winery last year, including grapes crushed on behalf of other businesses.

**2b. Full winemaking** – Include the kL of wine that were processed from grape crushing to finishing at this site (kL)

**2c. First stages of winemaking only (grape crushing, ferment etc, but not finished at this site)** Include the kL of wine that was produced at this site but finished elsewhere (kL)

**2d. Last stages of winemaking only** – Include the kL of unfinished wine or juice from elsewhere that is finished at this site (kL)

**Bottling and or Packaging that was handled at this site:**

**2e. Wine packaging/bottling of wine made at this site** – If you conducted bottling at this winery site, enter the volume of wine that was made and bottled/packaged at this winery (kL)

**2f. Wine packaging/bottling of wine from elsewhere** – If you conducted bottling at this winery site, enter the volume of wine *from other wineries* that was bottled or packaged at this winery (kL)

**3. Total winery water use in kilolitres (kL)** – The total volume of water that was used in the winery during the year. If not separately metered from other activities such as cellar door, restaurant and watering lawns etcetera, estimate the relevant portion.

**4. Total wastewater and liquid waste generated in kilolitres (kL)** – Include the total liquid waste generated by the winery, that is, the volume of wastewater including suspended and dissolved waste materials that was generated in the winery.

**5. Estimate the percentage of winery water that is recycled or reused** – Reused water is water that has been used in the winery as a result of the winery practices that is then reused or recycled for an additional purpose, such as reusing relatively clean washing water for dirty washing jobs. Recycled water use is using treated winery wastewater for a purpose such as addition to an irrigation dam for vineyard, crop or woodlot watering, or maintaining a wetland.

**6. Total solid waste produced (T)** – Solid waste can include but is not limited to packaging material, organic waste, municipal waste, tyres, chemical containers and other sources of winery waste. This waste should only include waste that has been produced as a direct result of the winery practices. It should not include waste from cellar doors restaurants etc. Organic waste that was reused (for example marc composting/mulching) should be included in the tonnage figure for total solid waste. If precise measurements have not been taken of these numbers estimates are acceptable.

**7. Total waste to landfill (T)** – Waste to landfill is the proportion of total solid waste produced during the year that was sent to landfill.

- 8. Total Electricity use (kWh)** – Include the total electricity used in the winery, for example in the powering of winery machinery, air-conditioning and refrigeration. Include all electricity used, including electricity that was generated onsite for example by solar panels.

The following four questions (eight to eleven) are for the volume of fuel used during the year, for example to drive vehicles, pumps, boilers and other machinery used in the winery operation and associated transport. Report all fuel used including fuel used by contractors on the property.

- 9. Total Natural Gas (cu. m)**  
**10. Total Petrol used (L)**  
**11. Total Diesel used (excluding biodiesel) (L)**  
**12. Total LPG used (L)**

- 13. What is the area of land and/or wetlands in hectares (Ha) that you actively contributed to, with the primary goal of maintaining and or reintroducing a natural ecosystem and biodiversity?**

Please Note: If you have already answered this question in the vineyard indicator sheet for your business please do not count the same areas again. Calculate the area that you actively contribute to (either on the same property as the winery or off site), with the primary purpose being to protect, maintain, restore, rehabilitate or revegetate native habitat. This can include areas that have a secondary recreational, income-generating or waste management purpose (such as eco-tourism, carbon farming or releasing treated winery wastewater) provided that these activities do not degrade the native habitat potential of the area. However, do not include areas that are used regularly for domestic animal grazing. You can include in this figure areas that are not owned by the business, but that your business makes the leading contribution to the care of, for example through weed control and revegetation of a nearby creek on public land. Do not include the area of native plant cover crops in the vineyard.

### Carbon Footprint Reporting

All data reporting provided for carbon footprint is to be obtained through use of the Australian Wine Carbon Calculator (AWCC) and provided in units of CO<sub>2</sub> equivalents (CO<sub>2</sub>-e). Entwine Australia data reporting requires operators to provide the following scope 1, 2 and 3 (packaging only) emissions data. A summary of the Entwine reporting numbers generated by the AWCC is provided on a separate worksheet labelled 'Entwine Australia'. The AWCC also provides assistance for users through notes within the calculator as well as the AWCC User Guide. The calculator and user guide can be accessed via the Entwine Australia website at: [http://www.wfa.org.au/entwineaustralia/carbon\\_calculator.aspx](http://www.wfa.org.au/entwineaustralia/carbon_calculator.aspx). If you use products that are not listed in the AWCC please contact Damien (contact details above) for further guidance.

- 14. Total Fuel Use Emissions (Mobile & Stationary)** – AWCC Worksheet 1,2 &3 Mobile and Stationary Combustion  
**15. Fugitive Emissions (Gas Leakages - SF<sub>6</sub>)** – AWCC Worksheet 4 Fugitive Emissions  
**16. Winemaking Practices (Purchased CO<sub>2</sub>)** – AWCC Worksheet 5 Winemaking Practices  
**17. Onsite Waste Treatment Emissions (Solid & Liquid)** – AWCC Worksheet 7 Waste Treatment  
**18. Purchased Electricity Emissions** – AWCC Worksheet 8 Power Use  
**19. Total Scope 1 and 2 Emissions**  
**20. Packaging Emissions** – AWCC Worksheet 9 Packaging: Complete this section for packaging that is handled by your business regardless of the location. Do not include the packaging of wine that was sold as bulk wine. As wine businesses are users of packaging rather than packaging manufacturers, the emissions are considered to be 'Scope 3' and can be calculated in the Australian Wine Carbon Calculator on worksheet 9 which is labelled 'Packaging'. Please do not include other scope 3 emissions in your report.

### Winery Details

**Entwine Accredited Brands** List wine brands produced at this winery created with grapes from vineyards that are Full members of Entwine Australia.