

Entwine Australia

December 2016

The AWRI proudly launched the new Entwine logo in July to coincide with the 16th Australian Wine Industry Technical Conference and the 2016/17 membership renewal period.

The Entwine logo encapsulates the transformation of Entwine, the national support from Australian grape and wine producers of the program and the commitment to continuous improvement which 'entwines' the Australian wine community together. The distinct form of the logo makes it easily recognisable and we look forward to this symbol being associated with premium Australian wine.



All Entwine members are encouraged to display the Entwine logo in their marketing materials. Certified members can also use the logo on wine and its packaging, provided that at least 85% of the grapes in the wine were grown in an Entwine Certified member vineyard and the wine was made in a Certified Member winery.

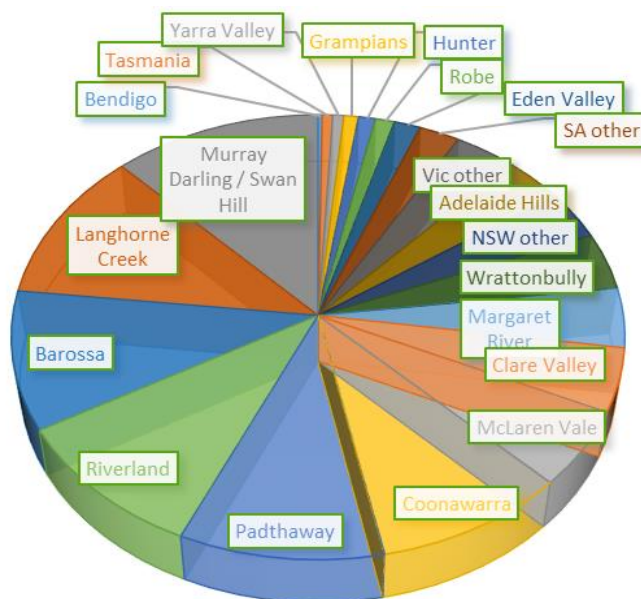
Download the Entwine logo and rules for its use here:

www.entwineaustralia.com.au

Membership update

More than 550 new and renewing members logged on to Entwine online during July and August and provided their data for 2015/16.

Entwine membership accounts for 516,511 tonnes of wine-grapes, approximately 30% of the 2016 Australian wine-grape crush. The distribution of Entwine members is shown in the figure at right. The largest number of Entwine vineyard members is in South Australia, totalling approximately 75% of the Entwine vineyard area. However, a significant number of smaller regions make up the remaining 10% of vineyard area. Of particular note, Margaret River, which contributes 2% to the national crush, ranks ninth in terms of its contribution to Entwine vineyard area.



Entwine vineyard area across the wine regions of Australia.

50% of Entwine members are certified. That is, they have passed an independent audit within the past three years.

20% of members are participating in an Entwine-approved certification program and completed a self-assessment in 2016 to maintain 'Member' status.

30% of Entwine members are Associate members. Associate members are in their first two years of membership of Entwine and annually report sustainability metrics to the AWRI.

Region in focus – Padthaway, South Australia



David and Carolyn Brown, Entwine members since 2009

Grape and wine producers in the Padthaway wine region have embraced sustainability as a key priority. Entwine membership has recently grown from what was a very high level of membership at around 70% of the region's vineyard area in 2014 to 82% in 2016. The Entwine members in Padthaway are diverse and including growers who make their own wine and those who sell fruit to wineries.

82% of Padthaway's vineyard area is covered by Entwine

In 2015/16, Padthaway growers used the lowest amount of energy across all regions participating in Entwine. Most growers in the region also graze sheep in the vineyards during autumn and winter to reduce the need for herbicides and slashing. Not only does the low energy consumption reduce greenhouse gas emissions, it also represents significant financial savings to their businesses.

Grape and wine production is one of the key enterprises which support the Padthaway community. In recent years, Padthaway vignerons have donated their time and resources to manage vineyard blocks which would have otherwise been mothballed. Fruit from these blocks was made into wine, sold and the proceeds were distributed to the Padthaway Primary School and its tight-knit 65 students, the local churches and the Padthaway Football Club.

For more information about the Padthaway wine region please visit the website:

<http://www.padthawaywineregion.com/>

or email: admin@padthawaywineregion.com



For a full list of Entwine members in Padthaway (or any other region) select the green 'Entwine member search' button at www.entwineaustralia.com.au

Why join Entwine? ▶

What's involved? ▶

Join or Login ▶

Entwine member search ▶

Please visit the highlighted business names for more information about the individual commitment of Entwine members to sustainability or contact the AWRI helpdesk for more information about Entwine Australia by telephone +61 8 8313 6600, email helpdesk@awri.com.au or visit the AWRI website .

Member type:
☐ Vineyard
☐ Winery

Name / Keyword:

State:

Zone:

Region:

Case study: Reducing fuel use in vineyards – Giggling Goose vineyards

Giggling Goose vineyards, a 70 hectare vineyard in Padthaway, SA, first implemented an environmental action plan in 2011 with a primary focus on reducing fuel consumption. This has been achieved in two ways: by reducing tractor use and also by reducing irrigation.

In 2014/15, Giggling Goose vineyards ranked in the lowest 3% of similar sized Entwine vineyards for total greenhouse (GHG) emissions. This low ranking was driven by low fuel use, with Giggling Goose ranking in the lowest 16% of similar sized Entwine member vineyards, and no electricity being used in the vineyard (irrigation is pressurised with a diesel pump and there are no other electricity-using processes).

Giggling Goose vineyards was ranked in the lowest

3% of Australian

Entwine members for GHG emissions

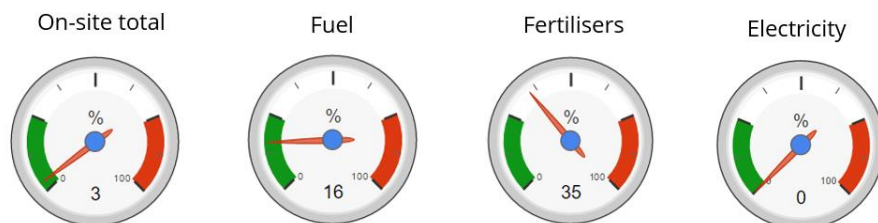


“Entwine is the only tool available for us to compare our performance with grapegrowers around Australia and to identify where we could be doing better.”

Sam and Fiona Ward

Giggling Goose vineyards

Padthaway, South Australia

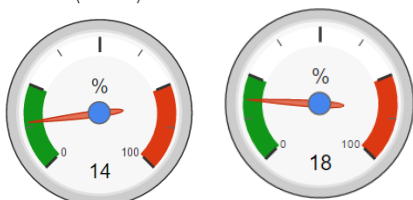


Ranking of Giggling Goose vineyards’ greenhouse gas emissions in 2014/15, compared to similar sized Entwine members. On-site total greenhouse gases (left dial), greenhouse gas emissions from fuel use (middle dial) and greenhouse gas emissions from electricity use (right dial), showing that Giggling Goose is in the lowest 3% of similar sized vineyards for total greenhouse gas emissions, in the lowest 16% for emissions from fuel use and the lowest 35% for emissions from fertilisers.

The low diesel use was achieved over a number of seasons by trialling reduced irrigation volumes in an area of the vineyard with deep sand and underlying clay where the vines are particularly deep-rooted. These vines can be grown with minimal, and in some years no, irrigation while still maintaining good yields and fruit quality.

Tractor use in the vineyard has been reduced through changed weed control and mulching practices. Vineyard weeds are now managed using one application of herbicide per year and by grazing sheep in the vineyard in autumn and winter. Vine prunings are no longer mechanically mulched. The vine prunings break down on the ground over time and no detrimental effects have been experienced for machinery or people working in the vineyard.

Water (kL/ha)



Giggling Goose vineyards ranked in the lowest 14% of Entwine members nationally (left dial) and in the lowest 18% of Entwine members in Padthaway (right dial) for their water use per hectare.



Entwine FAQs

1. Can I join Entwine without being part of a certification program?

Yes. Entwine membership is open to all Australian vineyard and winery businesses. 'Associate membership' is designed for new members of Entwine. Each year Associate members report business metrics to the AWRI. No audit is required at this level.

After two years, it is expected that Associate members will advance to 'Member' status and complete an annual self-assessment to demonstrate that they are participating in an approved program.

2. I missed the renewal period, and have been suspended from Entwine. What do I do?

You can log on to Entwine online at any time and reinstate your membership. To log on you will need your membership number ENT00xxx and password. If you have forgotten your password, it's easy to reset, just follow the links on the page.

3. What is the benefit of undergoing an audit?

Certified members demonstrate their commitment to Entwine with a triennial third-party audit. Certification provides confidence to customers and consumers that the business is meeting the requirements of the management system being undertaken (Freshcare, SAW or ISO14001). Other benefits of certification include:

- An 'independent eye' looking over your practices. This sometimes reveals areas for improvement that may be overlooked by internal staff
- Building a responsible culture within your business and local community
- An option to customise an online report card, making your Entwine information accessible to consumers and customers worldwide.

In addition, regions with at least eight certified members can tailor their own online regional report.

Entwine regional reports now available online

All Australian wine regions with at least 8 certified Entwine members can tailor their own online report.



Representatives from eligible regions are in the process of populating and launching their reports. Visit the interactive Entwine map at www.entwineaustralia.com.au

2015/16 Benchmarking reports

Webinar

If you need assistance with interpreting your benchmarking report, watch the webinar here: http://www.awri.com.au/industry_support/entwine/

Contact the AWRI for support

The Australian Wine Research Institute provides technical support for Australia's grapegrowers and winemakers. This service is free and confidential. Contact the AWRI helpdesk on 08 8313 6600 or helpdesk@awri.com.au.



The Australian Wine Research Institute