



TOWARDS CARBON NEUTRALITY IN THE VINEYARD AND WINERY



Australia's wine industry is already feeling the effects of climate change, with our weather becoming increasingly variable. More frequent extreme weather events are affecting vine productivity. Summers are becoming steadily hotter and drier, leading to changes in vine phenology, with grapes ripening earlier and over a shorter period. This can result in vintage compression and grapes being harvested at increasingly high sugar levels. In the longer term we may start to see changes in pest and disease pressures, increased water restrictions, changes in suitability of traditional wine-grape varieties in some regions and trade restrictions related to international carbon tariffs.

There are two responses to climate change, adaptation and mitigation. Adaptation is dealing with the effects of climate change and mitigation is taking action to reduce the emissions that cause climate change.

This workshop will take an in-depth look at the climate change projections for each region and the impacts for grape and wine production. It will then discuss the challenges and opportunities for vineyards and wineries to become carbon neutral. The first half of the workshop will be focused on strategies in the vineyard, including a vineyard walk to see examples in practice. The second half will cover strategies in the winery, including a winery tour to see examples in practice. Regional case studies will be used to explore the strategies in detail.

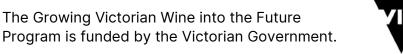
Goulburn Valley	Rutherglen	Mildura	Geelong	Yarra Valley
Wednesday, 24 May	Thursday, 25 May	Tuesday, 30 May	Thursday, 1 June	Friday, 2 June
8:30am – 4:30pm	8:30am – 4:30pm	8:30am - 4:30pm	8:30am – 4:30pm	8:30am – 4:30pm
Tahbilk Estate	Lake Moodemere Estate	Chalmers Merbein Vineyard	Leura Park Estate	Domaine Chandon
254 O'Neils Road,	12 Moodemere	118 Third Street,	1400 Portarlington	727 Maroondah
Tahbilk VIC 3607	Road, Rutherglen VIC 3685	Merbein VIC 3505	Road, Curlewis VIC 3222	Highway, Coldstream VIC 3770

Cost: \$35 per person, inc GST Including morning tea, lunch and afternoon tea

Please note: The Rutherglen winery walk-through will be held offsite.

Booking is essential

REGISTER HERE











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08:30 - 08:45	Registration		
08:45 – 08:50	Welcome and introduction		
08:50 – 09:10	Climate Atlas: regional climate projections		
09:10 - 09:35	Introduction: climate change adaptation vs mitigation and carbon neutral vs Sustainable		
09:35- 10:00	Undervine weed management: herbicides, cover cropping and sheep grazing		
10:00 – 10:25	Nutrient management: synthetic and organic fertilisers		
10:25 – 10:45	Morning tea		
10:45 – 11:10	Alternative varieties		
11:10 – 11:35	Cover crop establishment		
11:40 – 12:30	Vineyard walk exploring site-specific emissions reduction strategies		
12:30 – 13:00	Lunch		
13:00 – 13:30	Practical emissions strategies in the winery		
13:30 – 14:00	Improving winery energy and refrigeration efficiency		
14:00 – 14:30	Emerging technologies for reducing CO2 emissions		
14:30 – 15:00	The influence of packaging on emissions profiles		
15:00 – 15:15	Afternoon tea		
15:30 – 16:30	Winery walkthrough exploring site-specific emissions reduction strategies		
16:30	Finish		

Participant information: This interactive workshop is suited to winemakers and growers who want to find out the latest information about measuring and reducing their carbon emissions.

Outdoor demonstration: This workshop will include an in-field vineyard demonstration. Please dress appropriately for the season, with weatherproof clothing and a change of shoes.

Biosecurity measures: Please ensure footwear is clean and free of soil and organic material before entering the vineyard. As a further precaution, participants will be provided with appropriate protection. It is a condition of participation in the workshop that participants comply with instructions given by the vineyard owner and workshop presenters.

The Growing Victorian Wine into the Future Program is funded by the Victorian Government.



