



Australian Government

Wine Australia

26 September 2024

Ulrich Grey-Smith
Executive Officer
Limestone Coast Grape & Wine Council Inc.
PO Box 28
Coonawarra SA 5263

Email: tech3@limestonecoastwine.com.au

Dear Uli

**GRP 2306
Regional Plan – Limestone Coast 2023-2028**

Your 2024-25 Regional Program Strategic and Annual Plan has been considered by Wine Australia and I am pleased to advise that your Annual Operating Plan (2nd Year) has been accepted. Funding has been approved as follows:

	GST exclusive	GST inclusive
2024-25	\$50,000.00	\$55,000.00
Activity		Approved Ex GST
1. Hazardous inversions tools workshop [G24-1]		\$5,000.00
2. Viticultural demonstration and training vineyard [G24-2]		\$10,000.00
3. Eucalyptus [1-8 Cineol] removal from wine – resin analysis [G24-3]		\$30,000.00
4. Workshop: Managing carbon in the vineyard [G24-4]		\$5,000.00
TOTAL (GST exclusive)		\$50,000.00

Please find attached RCTI no. 5420857 for \$27,500.00 (GST inclusive) for the first half payment for 2024-25. As per our payment terms, this invoice will be processed within 14 days.

If you have any questions or would like to discuss anything further please contact me on (08) 8228 2000.

Yours sincerely

Jo Hargreaves
Senior R&I Program Manager

t +61 8 8228 2000

f +61 8 8228 2066

e enquiries@wineaustralia.com

Wine Australia ABN 89 636 749 924

Industry House – National Wine Centre, Cnr Hackney and Botanic Roads, Adelaide SA 5000.
PO Box 2733, Kent Town SA 5071, Australia.

@Wine_Australia WineAustralia WineAustralia www.wineaustralia.com

**Wine
Australia
for
Australian
Wine**

Regional Program

**2024–25
ANNUAL OPERATING PLAN: ACTIVITIES**

APPLICANT DETAILS

Regional zone	SA South
Administrative organisation	Limestone Coast Grape and Wine Council Inc
Administrative primary contact	Ulrich Grey-Smith
Phone	0429 499 355
Mobile	
Address	PO Box 28, Coonawarra SA 5263
Email	Tech3@limestonecoastwine.com.au
Start Date	1 July 2024
End Date	30 June 2025

2023–28 STRATEGIC PLAN

Please complete sections A to C

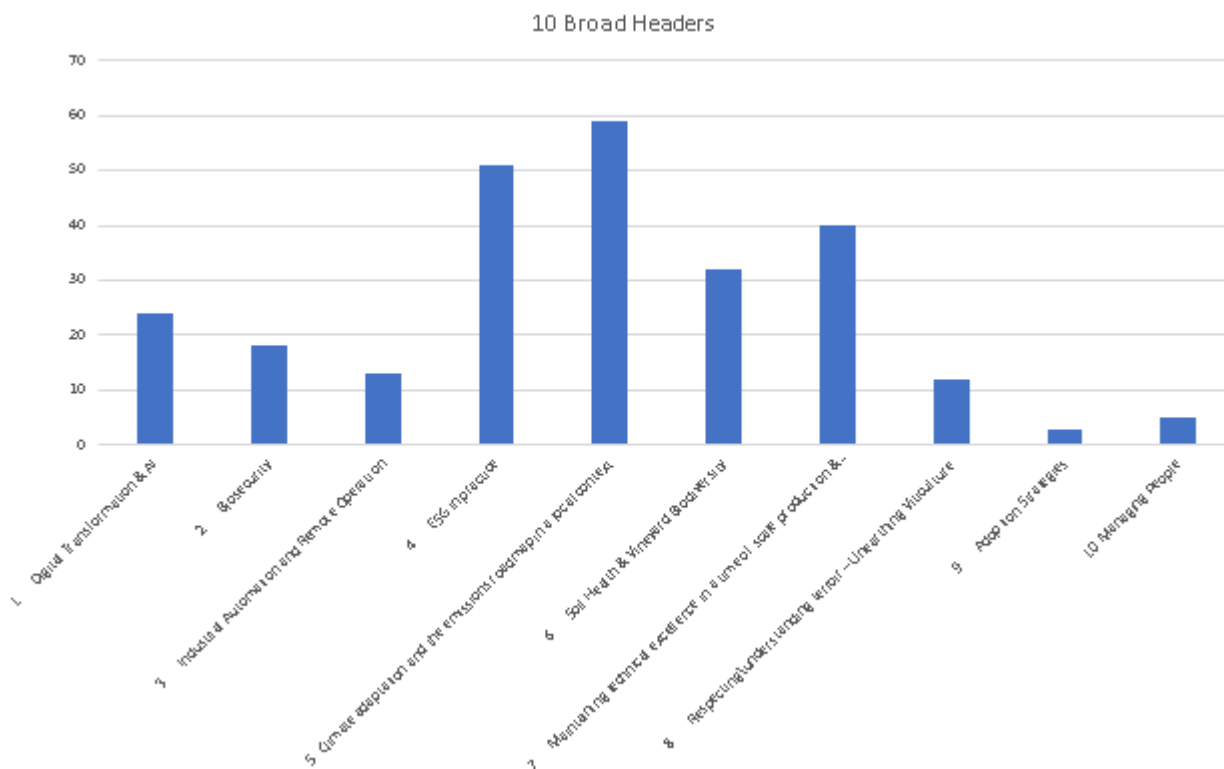
A. BACKGROUND TO PLAN

Section A can be copied from your strategic plan, updated annually if required (500 words max).

- Outline the process behind developing this plan, how the priorities were arrived at and who was consulted. Also include proposed benefits to the region.

Our Last Strategic planning day was held simultaneously in Coonawarra, Padthaway, and Mt Benson on 18th May 2023. Break-out groups in three locations workshopped ideas that were within funding guidelines. [Report here](#). Thank you to those that participated.

A pre-survey was distributed to get a better reach and wider audience. This pre-survey had ~ 20% take up from the 100+ invitations/notifications sent since it was published in December 2022. The matrix report available on request. (Excerpt from excel report below)



Reports were presented at our technical sub-committee meeting held on 22nd June 2023.

These two activities and reports will inform how to approach the 5-year contract with the Wine Australia Regional Program.

B. ISSUES FOR THE REGION OVER THE NEXT 3–5 YEARS

Section B can be copied from your strategic plan, updated annually if required (500 words max).

- List in order of importance the highest priority issues for the region over the next 3-5 years. This can be a mix of issues relating to research and development, extension, adoption, etc.

A draft five-year plan was devised and presented at the same technical sub-committee meeting held on 22nd June 2023. It is seen that this plan will be updated annually for the next three to five years.

DRAFT WINE AUSTRALIA FUNDING ALLOCATION BASED ON CONSULTATION WITH MEMBERS									
YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5	
Australian Cabernet Technical Symposium (Focus on areas identified in consultation)	\$25K					Australian Cabernet Technical Symposium	\$25K		
		Making wines for the future	\$10K					Making wines for the future	\$10K
				Mesonet (case studies)	\$5K				
Smoke Taint Monitors	\$5K	Smoke Taint Monitors (supporting commercialisation)	\$5K						
Soils (Focus to be decided)	\$5	Soils (Focus to be decided)	\$5K	Soils (Focus to be decided)	\$5K	Soils (Focus to be decided)	\$5K	Soils (Focus to be decided)	\$5K
Digital Transformation and Maintaining Excellence (Vineyard focus, Field Day Bus trip)	\$10K +***	Digital Transformation and Maintaining Excellence (Winery focus, offer to host Ag Tech program)	\$10K	Digital Transformation and Maintaining Excellence (Vineyard focus, Field Day Bus trip)	\$10K	Digital Transformation and Maintaining Excellence (Winery focus, offer to host Ag Tech program)	\$10K	Digital Transformation and Maintaining Excellence (Vineyard focus, Field Day Bus trip)	\$10K
ESG Define topic, create awareness	\$5K +***	ESG Production chain focus People focus	\$20K	ESG Waste Management focus People focus	\$30K	ESG (Focus to be decided)	\$10K	(Focus to be decided)	\$25K

C. EXTENSION AND ADOPTION PRIORITIES FOR THE REGION OVER THE NEXT 12 MONTHS

Section C should be prepared annually (500 words max).

- List in order of importance the highest extension and adoption priorities for the region over the next 12 months.

This 2023-2024 AOP will include four activities.

1. Inversion Layer workshop
2. Viticultural Training Vineyard
3. Eucalyptus [1-8 Cineole] removal in Wine – resin evaluations.
4. Claiming Carbon Neutral in the Vineyard Workshop.

2023–24 ANNUAL OPERATING PLAN

The following tips may be useful in the development of your activities and objectives.

TIPS FOR DEVELOPING OBJECTIVES

We would like you to develop up to three objectives for your activity.

Please use the 'SMART' technique to write your objectives – specific, measurable, actionable, realistic and time bound. This is a useful way to establish meaningful and achievable objectives and makes evaluation possible.

Note: objectives will vary depending on the type of extension / adoption activity. For example, workshops or training /field days should cover either practice change or improvements in knowledge, skill and confidence of particular activities, or both. Seminars may not be seeking practice change but should cover improvements in knowledge, skill and confidence. All should seek some response to the value of the event.

Below is an example only

By month / year * in the (area):

1. X growers or viticulturists will have been trained in and confident to apply new vineyard cooling and irrigation management techniques to minimise crop loss from heatwaves
2. X% of workshop attendees will have improved their knowledge and skills in these techniques
3. X% of attendees will consider the workshop to be valuable or very valuable use of levy funds

*insert timeframe if known

TIPS FOR DEVELOPING EXTENSION ACTIVITIES

FORTHCOMING

Wine Australia will develop some useful tips and suggestions based on advice received in the review of extension.

Potentially useful resources: Extension Hub (AgriFutures) <https://extensionaus.com.au/extension-practice/home>

TIPS FOR MEASURING SUCCESS AND PRACTICE CHANGE

FORTHCOMING

Wine Australia will develop some useful tips based on advice received in the review of extension. In the meantime, this site is a great resource: <https://www.betterevaluation.org/>

PLANNED ACTIVITY ONE

HAZARDOUS INVERSIONS TOOLS WORKSHOP [G24-1]

OBJECTIVES OF THIS ACTIVITY *(see tips on page 3)*

1. At the end of this workshop all participants will have updated information and reminders about hazardous inversions regarding spray drift, smoke & frost.
2. Participants will understand where to access further materials relating to spray drift and managing inversions.
2. All participants will gain confidence in asking research questions and in reporting spray drift events.

DETAILS OF ACTIVITY

Description/ background to activity

Present in the hybrid-seminar format to get the best speakers in the discussion.

Explore the research questions considering the latest technology and tools available.

The half day program will have

- Damon Grace - CotL. technical considerations in identifying hazardous inversions. (screen)
- Jock Ferguson - Goanna Ag. WISDs at work in NSW. (live)
- Ian Porter - La Trobe Uni. (screen)
- Hans Loder – Frost
- (PIRSA or AWRI – compliance and reporting.)

The steering committee consisting of.

- Joe Drew.
- Martin Wirper
- Uli Grey-Smith
- Hans Loder

DELIVERED IN HOUSE. FREE EVENT, NO CO-CONTRIBUTIONS.

What behaviour or practice change (benefits) are you trying to encourage?

- Use and adapt tools already available in mapping cold air and spray movements.
- Confidence in asking research questions
- Confidence in reporting spray drift events

Monitoring and evaluation - please describe how you will measure the success of this activity.

- Attendance + post event feedback.

What research findings are you going to use?

- Presenters
- Reports and active sites available.

- <https://limestonecoastwine.com.au/library/seminar-managing-extreme-weather-events-in-the-limestone-coast/>
- <https://limestonecoastwine.com.au/library/25d-frost-protection-in-viticulture-a-users-guide-for-south-east-irrigators/>
- <http://www.bom.gov.au/>
- <https://mesonet.com.au/>
- https://enviromdata.com.au/industry-specific-weather-stations/agriculture-weather-stations?gad_source=1&gclid=Cj0KCQjw9Km3BhDjARIsAGUb4nzhUJfbe3gMS-6uLefRvB7cUnhcI95dUlks4bVxYrBgFlxpWnIOxPUaAs8zEALw_wcB
- https://www.awri.com.au/information_services/ebulletin/2024/09/12/off-target-herbicide-spray-drift-reporting-and-testing/

Identify what you will do:

Include location(s) of the seminar/conference/workshop/field day/trial, expected number of attendees etc

- [Hybrid-Seminar & recording.](#)

If applicable, what will be the **final outputs** from this activity (e.g. factsheets, reports, podcast, video, other)

- [Reports and video will become available in the online library post event.](#)

Communication - please advise how you will communicate any findings/outputs to the region more broadly / identify if there is potential for communication beyond your region.

- Photos
- Online library

Intended start date	26 th Sept		
Intended completion date	26 th September		
Proposed project leader(s): who is likely to undertake this activity?			
Name	Hans Loder Martin Wirper Joe Drew		
Organisation	LCGWC		
Email	Tech3@limestonecoastwine.com.au		
Budget: what are the costs required to undertake this activity?			
Item	Wine Australia funding sought	Cash co-contribution	In-kind contribution
Speaker Costs	1000		1000
Venue and Catering	1000		
Registrations (free)			
AV and Recordings	2250		
Delivery allowance	750		750
TOTAL	5000	1000	1750

Budget explanation: please detail budget items, including an approximate cost for each element e.g. cost per person, venue cost, printing, consultancy fees, trial infrastructure etc.
Administration up to a value of 15% of the total activity cost may be included.

Please provide any additional details to support your budget:

- Jock will drive from Kyneton Victoria & overnight \$300 accommodation + milage = \$1000 total
- Coonawarra Hall hire and catering based on 35 by \$25ph.
- Provider to set up in venue and help with green-room and recording. (\$2250 based on previous.)

PLANNED ACTIVITY TWO

VITICULTURAL DEMONSTRATION AND TRAINING VINEYARD [G24-2]

OBJECTIVES OF THIS ACTIVITY *(see tips on page 3).*

1. A five-year MOU securing the Naracoorte High School vineyard as a stable site and resource that will enable the confluence of research, training and vocational studies.
2. Establishment of a school-industry-vocational-research partnership and linkages.

DETAILS OF ACTIVITY

Description/background to activity

Insert brief statement outlining the context and purpose for the activity

The Naracoorte High School vineyard was planted to Shiraz in the late nineties. It is on a good patch of soil over limestone and has a track record of producing high value fruit. The vineyard has been maintained in a basic condition since fruit is currently not contracted, however is still used for educational purposes.

Given the title of the vineyard as a "Viticulture Skills Centre," there is significant community and industry goodwill for the site.

With uncertainty around stable research sites in the broader limestone Coast, it is proposed to have the Naracoorte High School vineyard to be a stable site for regional viticulture research and extension activities. Further, with linkages to UniSA/Adel. Uni, Flinders University, PIRSA, CSIRO STEM in Schools and others, create career pathways while also identifying areas where existing student curriculum overlaps with current research areas.

The aim of this activity is to:

Collaborate with Naracoorte High School vineyard, other training providers and research organisations to provide a stable site and resource for the next 5 years.

Deliver a contract that enables the confluence of research, training and vocational studies.

What behaviour or practice change (**benefits**) are you trying to encourage?

- Vocational course uptake amongst regional school(s).
- Activities linking students with researchers
- Providing real – world context to student curriculum

Monitoring and evaluation - please describe how you will measure the success of this activity

- Establish a contract between Limestone Coast Grape and Wine Council and the Naracoorte High School for research and training access to the site
- Follow and start curriculum and career pathway linkages
- Have a seat on the school vineyard governing council

What **research findings** are you going to use?

- Agtech adoption
- Latest Soil health findings
- Climate change adaptation
- Training manuals & course material.

Identify what you will do:

- Create linkages and collaboration between the school, local industry and post-school vocational pathways
- Establish a five-year contact & MOU as required by all parties.

Include location(s) of the seminar/conference/workshop/field day/ trial, expected number of attendees etc

If applicable, what will be the **final outputs** from this activity (e.g. factsheets, reports, podcast, video, other)

- MOU that ensures the school site is available as a research site, along with a plan to continue school-industry-research-pathway relationships

Communication - please advise how you will communicate any findings/outputs to the region more broadly / identify if there is potential for communication beyond your region			
<ul style="list-style-type: none"> Newsletters and bulletins. 			
Intended start date	July 2023		
Intended completion date	June 2024		
Proposed project leader(s): who is likely to undertake this activity?			
Name	Hans Loder Mike Zerk		
Organisation	Loder Viticulture Nurtien Ag + Padthaway Wine Region		
Email	Hloder@hotmail.com		
Budget: what are the costs required to undertake this activity?			
Item	Wine Australia funding sought	Cash co-contribution	In-kind contribution
Agreement-contract (Naracoorte	8500		
Delivery administration	1500		
TOTAL	10000		
<p>Budget explanation: please detail budget items, including an approximate cost for each element e.g. cost per person, venue cost, printing, consultancy fees, trial infrastructure etc.</p> <p>Administration up to a value of 15% of the total activity cost may be included.</p> <p>Please provide any additional details to support your budget:</p> <ul style="list-style-type: none"> Agreement will require consulting fees for the contractNegotiation, legal and contract costs. Delivery Administration includes extension tasks – website changes &communicating results. Additional parties include Department of Education SA, TAFE SA, PIRSAand universities – most will be providing in-kind time 			

PLANNED ACTIVITY **THREE**

EUCALYPTUS [1-8 CINEOLE] REMOVAL FROM WINE – RESIN ANALYSIS [G24-3]

OBJECTIVES OF THIS ACTIVITY *(see tips on page 3)*

1. Winemakers will have access to an improved approach to current removal systems using reverse osmosis by identifying targeted resins for 1-8C.
2. Wineries and winemakers will have an evidence-based outcome from a trusted activity that identified and assessed resin in a laboratory setting.
3. Growers and winemakers will have new knowledge and actionable insights around avoiding taint prior to harvest

DETAILS OF ACTIVITY

Description/background to activity

Insert brief statement outlining the context and purpose for the activity

Eucalyptus is a known flavour in many wines in Australia, and the Limestone Coast regions have ancient gums interspersed amongst the vine-rows and headlands. International market gatekeepers see overt eucalyptus as a negative. Harvest protocols to remove bark, leaves and MOG are expensive, complex and onerous to implement.

This activity was discussed at the priority setting session in May 2023 and this issue will become more prevalent into the future.

This activity will utilise existing research addressing 1-8 Cineol levels. It will be building on this existing knowledge to test commercial unreleased wines for cineol pre removal and after, using an applied evaluation approach with different resins that will be assessed both analytically and by a winemaker panel.

It is an adaptation trial and applied approach to evaluate a practical problem and significant challenge in the region.

The results will be presented at a tasting workshop after vintage 2025. The aim is to assist wine growers and winemakers in the region with practical skills in the use of different resins to address 1-8 Cineol in wines.

What behaviour or practice change (**benefits**) are you trying to encourage?

- Increase the ability for producers to alter 1-8 Cineol levels in their wines before release &/ or export.

Monitoring and evaluation - please describe how you will measure the success of this activity.

- Uptake by commercial operators

What **research findings** are you going to use?

- <https://limestonecoastwine.com.au/library/70-investigation-and-sensory-characterization-of-14-cineole-a-potential-aromatic-marker-of-australian-cabernet-sauvignon-wine/>
- [Dr Dimi Capone](#) published papers
-

Identify what you will do:

- Have an agreement between research institutions, reverse-osmosis providers & wine companies to analyse and compare commercial and new resins.

Include location(s) of the seminar/conference/workshop/field day/ trial, expected number of attendees etc

If applicable, what will be the **final outputs** from this activity (e.g. factsheets, reports, podcast, video, other)

- Tasting workshop & factsheets.
- A best practice guide may be developed and available more widely beyond the region.

Communication - please advise how you will communicate any findings/outputs to the region more broadly / identify if there is potential for communication beyond your region

- [Workshop & training – information session](#)
-

Intended start date	1 st July 2024		
Intended completion date	30 th June 2025		
Proposed project leader(s): who is likely to undertake this activity?			
Name	Pete Bissell		
Organisation	Grower & Winemaker Consultant		
Email	Pete.bissell@brokenwindmaill.com.au		
Budget: what are the costs required to undertake this activity?			
Item	Wine Australia funding sought	Cash co-contribution	In-kind contribution
Research Agreement	27000		
Delivery Administration	3000		
Wine Samples from Local wineries.			3000
RO resins & equipment use			10000
TOTAL	30000		13000

PLANNED ACTIVITY **FOUR**

WORKSHOP: MANAGING CARBON IN THE VINEYARD [G24-4]

OBJECTIVES OF THIS ACTIVITY *(see tips on page 3)*

All workshop participants will have new insights and knowledge to make informed decisions around making sustainability and 'carbon neutral' claims from their vineyards

All workshop participants will have a greater understanding of existing and proposed sustainability projects, activities and metrics, including Sustainable Winegrowing Australia reporting and activities within the region

DETAILS OF ACTIVITY

Description/background to activity

Insert brief statement outlining the context and purpose for the activity

Hold a pre-vintage workshop to update vineyard workers on tools and considerations when claiming 'carbon neutral'.

Present latest findings around Sustainability and ESG.

Carbon in Vineyards represents about 11% of the total carbon a vigneroneer may produce in a year. Soil health and sward management practices have an impact when striving for carbon neutrality and/or making sustainability claims based on soil management under the vines.

This workshop is modelled on a similar workshop held in July 2024 with speakers

- Thomas Lines (Adelaide Uni)
- Dan French (Airborne Logic)
- PIRSA
- Landscapes Board
- Wine Australia – Julian Marchant.
- SWA– reporting back to region

Location: Robe or Mt Benson

What behaviour or practice change (**benefits**) are you trying to encourage?

- Best soil health practices adopted in the vineyard

- Ability to claim 'Carbon Neutral' &/or sustainable.

Monitoring and evaluation - please describe how you will measure the success of this activity

- Attendance and survey. Follow up with registrants. Feedback.

What **research findings** are you going to use?

- Previous Workshop material

Identify what you will do:

- Hybrid Seminar at Robe in February
-

Include location(s) of the seminar/conference/workshop/field day/ trial, expected number of attendees etc

If applicable, what will be the **final outputs** from this activity (e.g. factsheets, reports, podcast, video, other)

- Photos, recording
- Networking and exchange of ideas

<p>Communication - please advise how you will communicate any findings/outputs to the region more broadly / identify if there is potential for communication beyond your region</p> <ul style="list-style-type: none"> • Short report in the online library 			
Intended start date	January 2025		
Intended completion date	February 2025		
Proposed project leader(s): who is likely to undertake this activity?			
Name	Hans Loder		
Organisation	Loder Viticulture		
Email	Hloder@hotmail.com		
Budget: what are the costs required to undertake this activity?			
Item	Wine Australia funding sought	Cash co-contribution	In-kind contribution
Speaker Costs			
Venue and Catering	1000		
Registrations (free)			
AV and Recordings	2250		
Delivery allowance	750		
TOTAL	5000		
<p>Budget explanation: please detail budget items, including an approximate cost for each element e.g. cost per person, venue cost, printing, consultancy fees, trial infrastructure etc. Administration up to a value of 15% of the total activity cost may be included. Please provide any additional details to support your budget:</p> <ul style="list-style-type: none"> • All expenses are based on previous workshop cost and supplier invoices 			

OVERVIEW OF 2023–24 ACTIVITIES

	Activity name	Objectives	Target date	Funding requested from Wine Australia
1	HAZARDOUS INVERSIONS TOOLS WORKSHOP [G24-1]	<ol style="list-style-type: none"> 1. Give a timely account and reminder about hazardous inversions in regard to spray drift, smoke & frost. 2. Present in the hybrid-seminar format to get the best speakers in the discussion. 3. Explore the research questions considering the latest technology and tools available. 	27 th Sept 2024	5000
2	VITICULTURAL DEMONSTRATION AND TRAINING VINEYARD [G24-2]	<ol style="list-style-type: none"> 1. Collaborate with Naracoorte High School vineyard, other training providers and research organisations to provide a stable site and resource in the next 5 years. 2. deliver a contract that enables the confluence of research, training and vocational studies. 	30 th June 2025	10000
3	EUCALYPTUS [1-8 CINEOL] REMOVAL FROM WINE – RESIN ANALYSIS [G24-3]	<ol style="list-style-type: none"> 1. Improve current removal systems using reverse osmosis by identifying targeted resins for 1-8C. 2. Identify and assess resin in a laboratory setting with immediate extension to the region and liaise with trusted RO service providers. 	30 th June 2025	30000
4	WORKSHOP: MANAGING CARBON IN THE VINEYARD [G24-4]	<ol style="list-style-type: none"> 1. Hold a pre-vintage workshop to update vineyard workers on tools and considerations when claiming ‘carbon neutral’. 2. Present latest findings around Sustainability and ESG. 	February 2025	5000
	TOTAL			50000