

Wine Australia working for the wine sector

Dr Michele Allan

**‘The role of
“innovation” in
transforming the grape
and wine sector for the
future’**

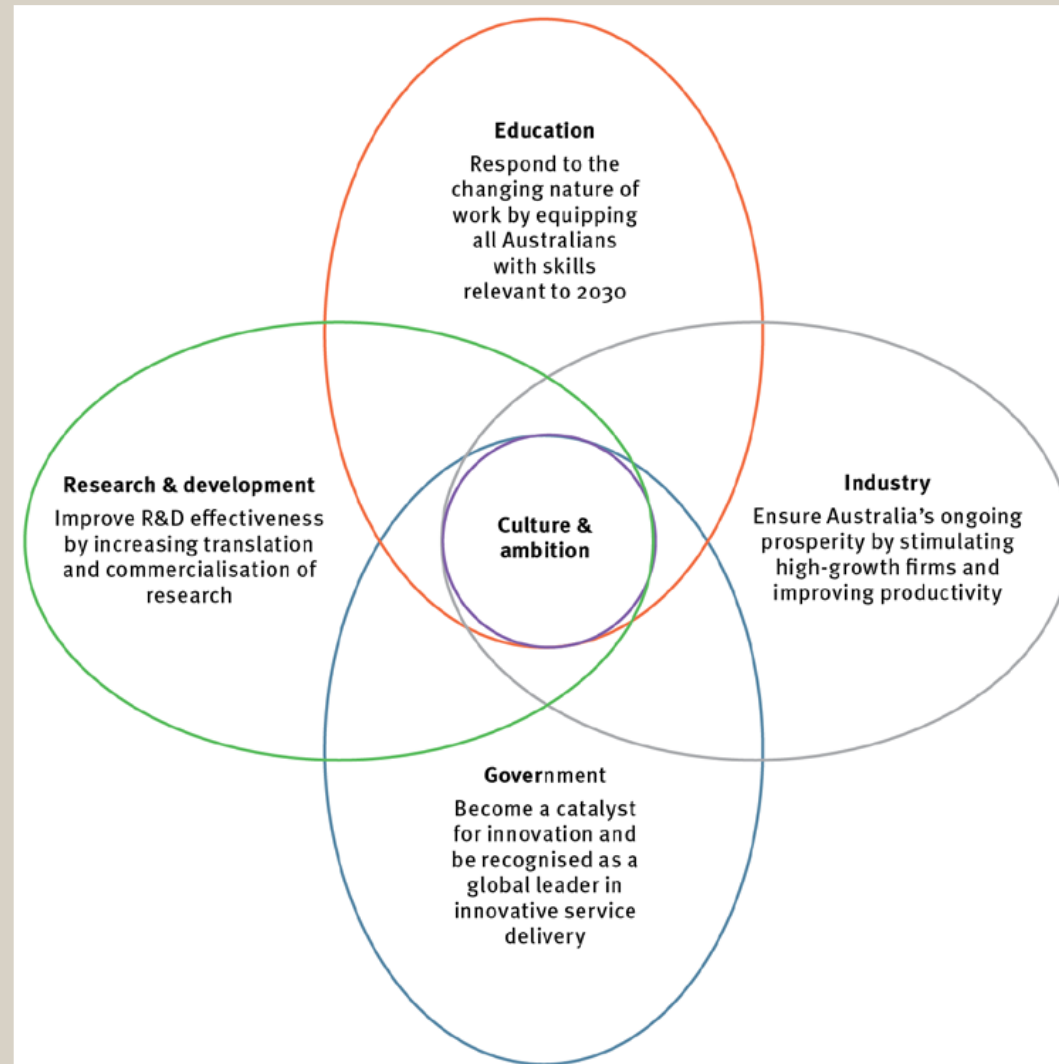
20 July 2021



A history of innovation

- **Ph to prevent bacterial growth**
- **Cold stabilisation**
- **Mechanical harvesting**
- **Adoption of screwcaps**

Five imperatives of Innovation 2030: A plan for Australia to thrive



AUSTRALIAN GRAPE AND WINE SECTOR

VISION 2050

Australian wine:
enjoyed and
respected globally



Wine Australia Strategic Plan 2020–25

Strategy 1:

Market Australian wine

Strategy 2:

Protect the reputation of Australian wine

Strategy 3:

Enhance grape and wine excellence

Strategy 4:

Grow sustainable environments

Strategy 5:

Build business sustainability, excellence and leadership



Vision 2050

Pillar 1:

Sustained growth in value to drive profitability

Pillar 2:

An innovative culture driving excellence from grape to consumer

Pillar 3:

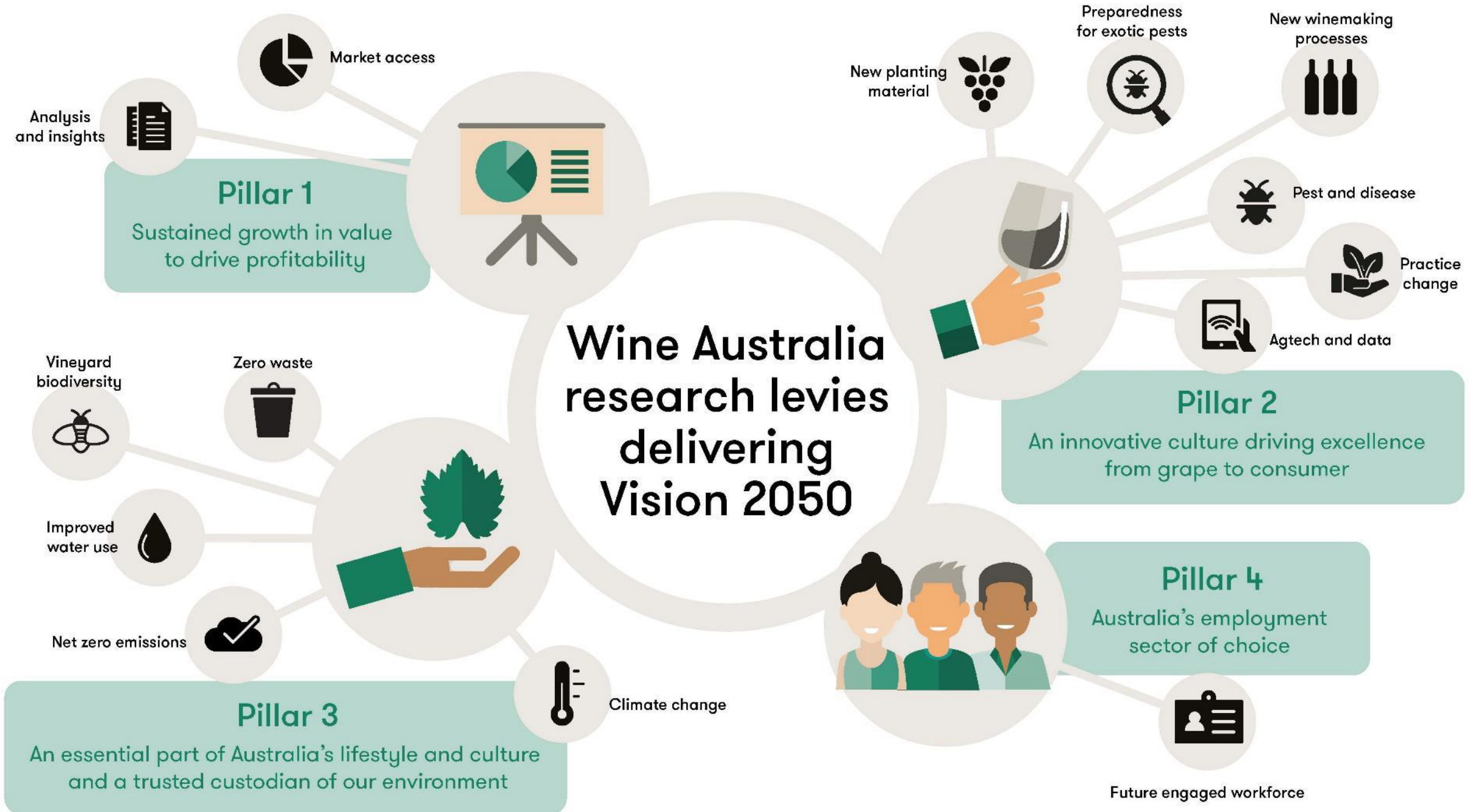
Valued as an essential part of Australia's lifestyle and culture and a trusted custodian of the environment

Pillar 4:

Australia's employment sector of choice

Pillar 5:

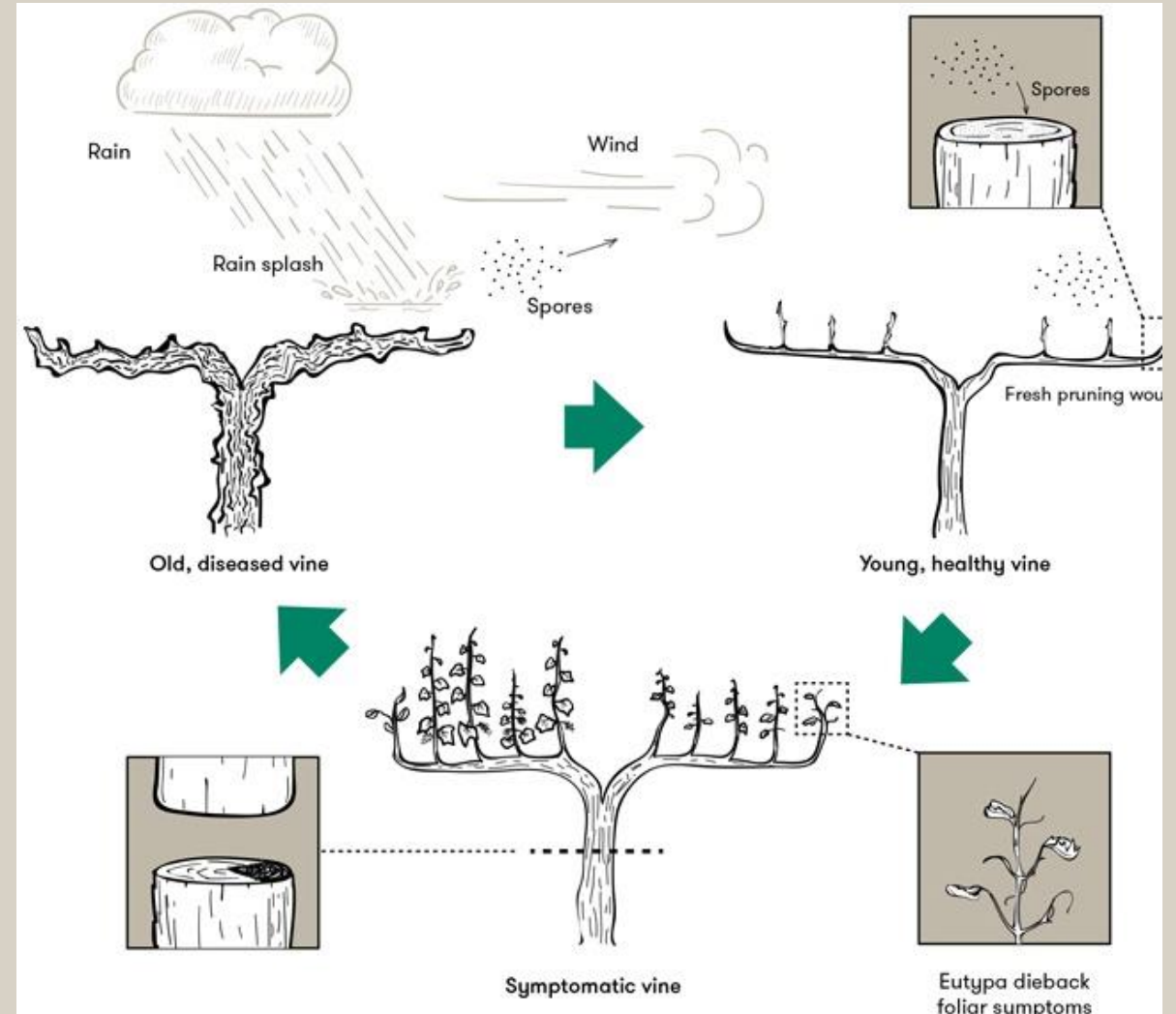
A diverse sector unified by its pursuit of excellence



Grapevine trunk disease

Australian growers are world-class in managing this disease - research has been widely adopted and allowed them to innovate

Visit www.wineaustralia.com for our Best Practice Management Guide



Mildew resistant grapevines

- New generation no-spray mildew resistant grapevines will reduce chemical use, fuel and time
- These are another tool for the sector to use to enhance sustainability
- Other advantages include high colour and productivity and excellent flavour profiles



Agtech

We are acting as a broker and connector between agtech vendors and the sector

Example: trialling a Material Other Than Grapes (MOG) removal unit which can be retrofitted to any harvester



Smoke detection network

Under development – will roll out first network in NE Victoria for the 2022 vintage

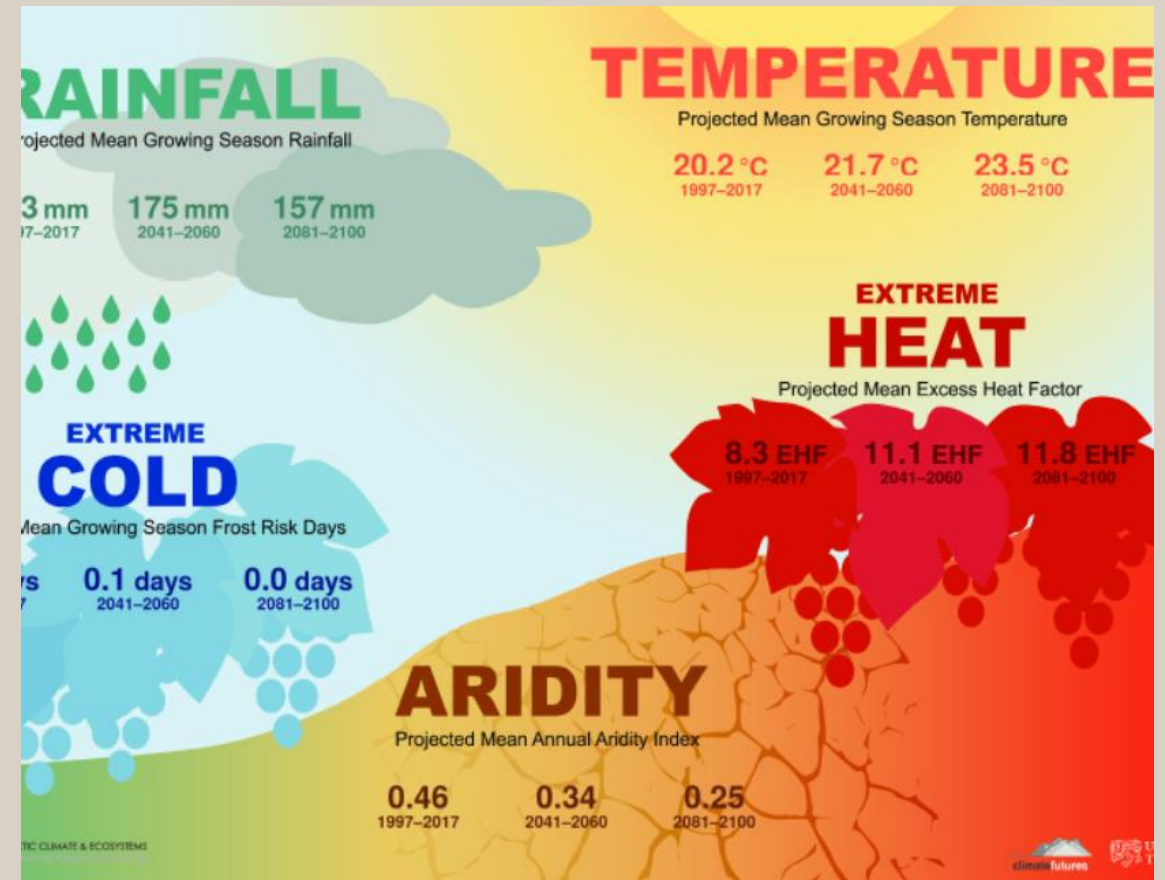
- Site specific smoke assessment in real time
- Available on mobile phone app or interactive website
- Combines data from the vineyard with research to provide a risk assessment



Climate Atlas

Australia's Wine Future: A Climate Atlas

- A world first
- Detailed information about projected climate impacts
- Every region in Australia
- Projections in decadic increments to 2100
- Allowing winemakers and viticulturists to plan long-term



Zero carbon – how will we get there?

Roadmap for the sector to be developed with
Australian Grape and Wine

Information packages to allow the sector to reduce
carbon emissions

Gaps addressed through new R&D

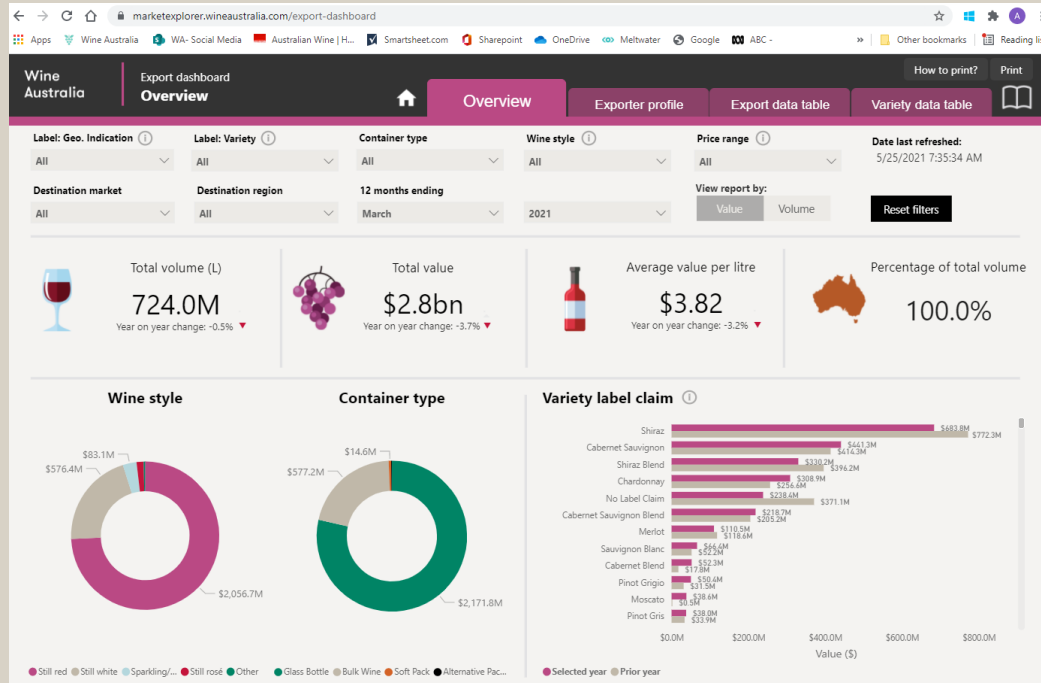
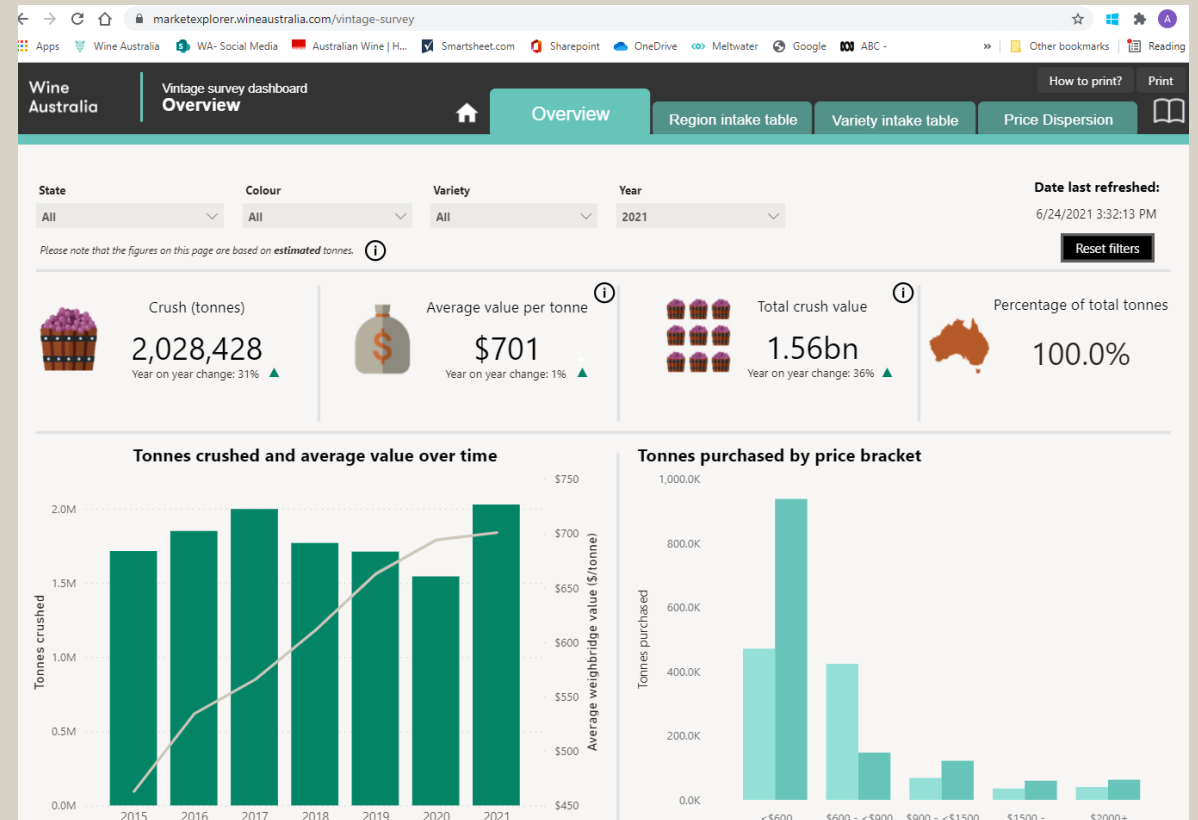
Building Capability

- **Future Leaders**
- **Nuffield Scholarship**
- **Phd and Masters scholarships**
- **Next Crop**
- **Wine Industry Mentor program
(with Wine Communicators Australia)**



Interactive Insights Dashboard

- Online resource that provides all stakeholders with improved access to data and insights in a more efficient and interactive way
- improve the process and outputs of the Export Report and National Vintage Report.



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