




**Sustainability and Climate Change
South Australian Sector Agreements**


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Climate Change and Greenhouse Emissions Reduction Act 2007



- First in Australia
- Enabling legislation
- Focus on voluntary measures
- Premier's Climate Change Council
- Objectives:
 - Energy Efficiency
 - Research and Development
 - Adaptation
 - Targets
 - Reporting



Sector Agreements

- Section 16 of the Act provides for the Minister to enter into **voluntary** agreements.
- Sector Agreements can be established with;
 - a particular person
 - entity
 - industry or business group



Who else has agreements?


- Local Government Association
- SA Water
- Property Council of Australia
- Adelaide Brighton Ltd.
- Adelaide City Council
- Technology Industry Association
- Universities
- Eyre Peninsula
- Onesteel
- Jeffries/Composting
- Anglican Church



Sector Agreements

A sector agreement may provide for such matters as—

- objectives to **reducing or limiting greenhouse gas emissions**;
- strategies to achieve any objectives, including strategies to achieve a **reduction in energy** use or to promote the use of **renewable energy**;
- strategies to promote or support **research and development**, and innovation in technologies;
- methods to **measure or acknowledge successes** in meeting any targets.



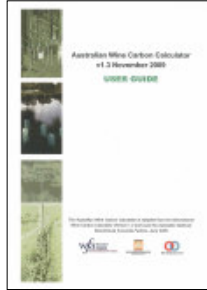
Wine Industry

- Signed May 2008 at the London International Wine Fair by
 - The Premier
 - Philip Laffer (on behalf of the SA Wine Industry Association)
 - Jim Caddy (on behalf of the Wine Grape Council SA)
- Carbon Calculator
- Industry Awareness
- International markets
- Adaptation
- Sustainability



The Australian Wine Carbon Calculator

- Developed by URS in 2009 and updated subsequently
- Understanding the emissions of the industry
- First step in carbon accounting



AWCC Awareness Raising

- March 2009 - 3,600 growers received information in the WGCSA newsletter
- April 2009 – Phylloxera and Grape Industry Board of SA newsletter article
- June 2009 – e-mail to 455 licensed producers
- February 2010 – Clever Green Conference
- June 2010 – Publication in Grapegrower and Winemaker (annual technical issue)

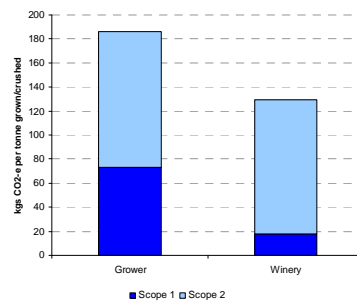


AWCC Reporting

Targets

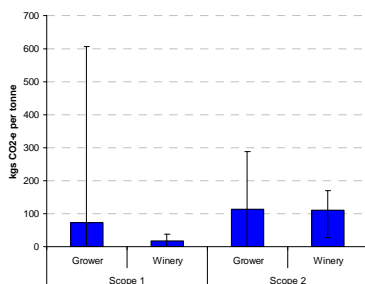
- 30th June 2009, 50% of wine grape tonnes grown and 50% wine grapes tonnes crushed commit to reporting on emissions
 - 22% grapes grown and 81% grapes processed
- 30th June 2010, 40% of wine grape tonnes grown and 40% wine grapes tonnes crushed (based on 2009 vintage) commit to reporting on emissions
 - 21% grapes grown and 70% grapes processed

Reported Data



- Relative emissions intensity (mean)
- Scope 1 (direct) and Scope 2 (indirect – usually electricity)
- Scope 3 emissions (upstream and downstream emissions)

Reported Data



- The range of reported values is marked
- Opportunities for efficiency gains?



Markets



Table 2 - Most important attribute (Regular Purchase)

	Full Sample % Respondents	Oxford Landing Buyers % Respondents	Oxford Landing Buyers - Tesco % Respondents
Price per bottle	25	2	1
Type of wine (e.g. dry/sweet)	12	9	11
Colour	12	10	12
Grape variety	12	15	14
Which wines are on promotion	12	15	13
Information on the back label	1	1	1
Recommendations from friends/relatives	3	4	4
Country of origin	4	5	6
Brand name	3	6	3
Specific region within a country	2	2	2
Year of vintage	1	2	1
Recommendation in newspapers/magazines	1	1	1
Alcohol content	2	2	2
Appearance of the bottle	1	1	1
Type of corkscrew	1	1	1
Environmentally sustainable production process	1	2	1
Environmentally sustainable packaging	1	1	1
Design of the wine label	1	1	1
Distance the wine has travelled	1	1	0
Weight of the bottle	0	0	1
Suitability for vegetarians/vegans	1	1	2
Number of respondents	1025	377	178

The Future ...

- Resource Efficiency – no regrets
- Carbon Labelling?
- Adaptation

