

**WINE INDUSTRY SECTOR AGREEMENT**  
 Climate Change & Greenhouse  
 Emissions Reduction


Developing a greenhouse  
 gas reduction strategy

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**Outline**

- Why develop the guide
- What are the drivers (benefits)
- What's in the guide
- Where do you get it

**Carbon footprint?**



**Why develop the guide?**

- Sector Agreement (Mk I)
  - Awareness & GHG Measurement
  - A head start on GHG accounting
- Feedback
  - Measurement is OK, but .... what next?
  - How do I improve?
  - Where do I start?


“Marches alone can't bring integration”  
 P.F. Sloane, 1965 (Barry McGuire)

Measurement alone will not reduce GHG  
 emissions – you need to act



**What are the drivers?**

- Customers' demands
  - Retailers rather than consumers
- Better business
  - waste reduction
  - lower costs
  - \$\$\$ savings



CO<sub>2</sub> emissions ≈ Energy ≈ \$\$\$



### What's in the guide

1. Understanding the impact on your business
  - Accounting will (may) be essential
  - It's a matter of time
2. Three steps to a strategy
  - *Measure* – tools, tips and techniques
  - *Analyse* – cost-benefit, market rsrch
  - *Reduce* – your action plan

### What's in the guide

3. Opportunities
  - Vineyard
    - Equipment – maintenance ...
    - Practices – fertilizers, sprays ...
  - Winery
    - Refrigeration – brine temperature ...
    - Operational efficiency – pump, motors ...

### What's in the guide

4. Promote your good work
  - Carbon neutrality
    - Business (ISO 14064)
    - Product (ISO 14044)
  - Carbon offsets
    - Label claims
    - NCOS (National Carbon Offset Std)



### What's in the guide


5. Going further – LCA
  - 'Cradle to grave' approach
    - Accounts for more than just the production phase
  - Reduction of GHG emissions
    - Packaging
    - Transport



## What's in the guide


### 6. Resources

- Publications and standards
- Web links
- Government assistance
- Who can help?
  - E.g. SAWIA, WGCSA, WISA



## Where do you get it

- Seminar delegate mail out
- Web sites – SAWIA, WGCSA ...
- Use it in the new (?) Sector Agreement (Mk II)
  - Continue with
    - measure GHG emissions
    - increase industry awareness and readiness
  - Carbon farming opportunities
  - Environmental Action Plans
    - Assists with Entwine requirements



*Thank you for your support*

*Join the new (?) Sector Agreement !!!*

*Watch this space.*