



*A web-based information portal for climate change & agricultural issues relating to the fruit & wine export industry- including an on-line carbon footprint*



*To preserve South Africa's competitive position in the global fruit & wine export markets, the industry needs to make a unified response to climate change – informed by sound science and based on local information.*

**Introduction:**

Climate change is predicted to directly impact South Africa's mean annual temperature and rainfall ranges, influencing pest & disease distribution, flowering and fruiting seasons, and ground water resources. Climate change also impacts indirectly, through the growing awareness amongst consumers and the corresponding demand for carbon-efficient business processes. The agricultural sector is a large source of greenhouse gases (GHGs) through activities such as land-use change, agrochemical application and fossil fuel use. Through conservative energy technologies and sustainable farming practices, substantial emission reduction opportunities exist which can improve efficiency and reduce costs throughout the supply chain.

**Aims of the project: (see [www.winetech.co.za](http://www.winetech.co.za))**

- To highlight and communicate climate change issues, opportunities and threats to the agricultural sector
- To create an industry standard for GHG auditing within the fruit and wine sector, and ensure a standardised measurement, reporting and comparison of individual farm emissions that highlights emission reduction opportunities.
- To enable informed and authoritative comment, debate and negotiation by stakeholders and policy-makers
- To guide short and long term strategy formulation by decision-makers across the industry

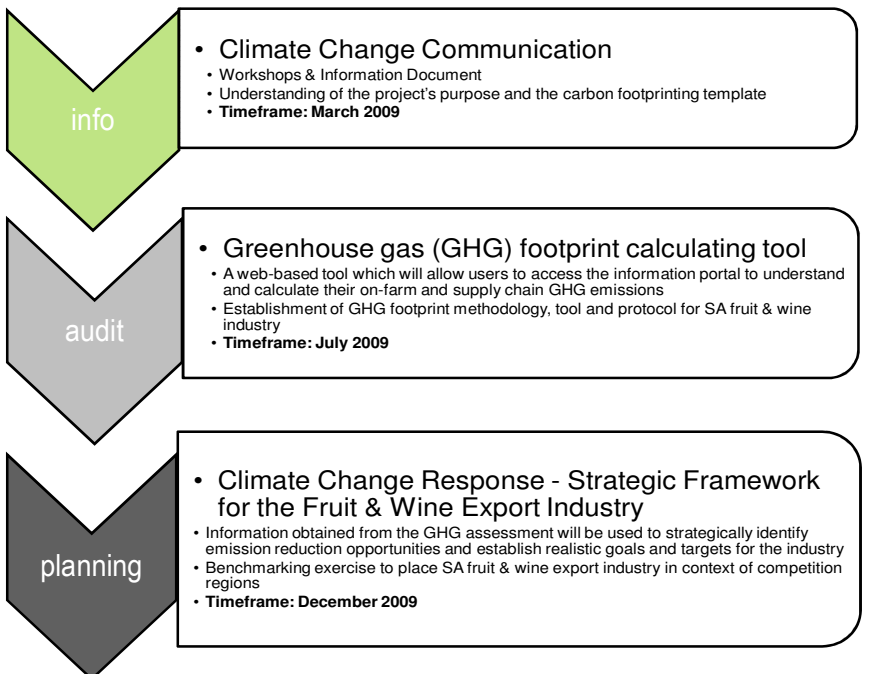


**How to get involved:**

The success of this project relies on the active involvement of the industry. Please do not hesitate to contact the project team, or your industry representative.

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**Outputs of the project:**



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