



TAHBILK

EST. 1860



Carbon
Balanced

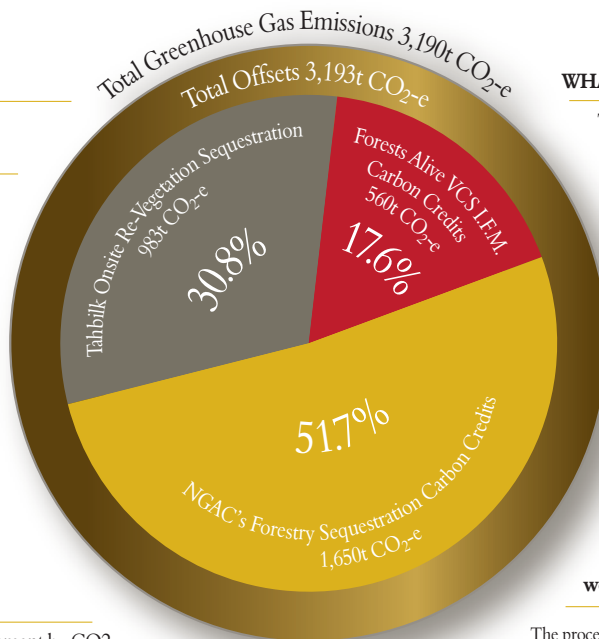
PROUDLY CARBON BALANCED

TAHBILK'S CARBON FOOTPRINT ASSESSMENT 2011/2012



THE JOURNEY

- 1990 • Commencement of planned onsite re-vegetation
- 2008 • First carbon footprint and carbon sequestration assessment by Maunsell Australia
- 2010 • Engaged Carbon Balance Consulting to assess annual greenhouse gas (GHG) baselines and carbon neutral solution
- 2011 • Purchased Aeromaster composting machine to convert grape marc into compost, significantly reducing Tahbilk's direct emissions from onsite decomposition.
• Australian Carbon Traders sequestration assessment
- 2012 • Carbon sequestration & biodiversity assessment by CO2 Australia calculates the carbon sequestered onsite from Tahbilk re-vegetation projects at a measurable volume of 983t CO₂-e per annum
• Level 2 energy audit
• Carbon footprint assessment establishing greenhouse gas baseline for the 2011/2012 fiscal year
• Carbon Balanced™ certification achieved December 2012
www.carbonbalanceconsulting.com.au/tahbilk-winery-carbon-balanced-certification



WHAT'S NEXT?

Tahbilk's future strategic direction will focus on the following objectives:

- Optimise existing plantation to sequester more carbon onsite by improving Eucalyptus growth whilst maintaining remnant biodiversity values
- Reduce onsite energy usage and continue to realise energy efficiency gains within Tahbilk's operation
- Develop onsite renewable power through Solar PV, or other means
- Develop a long-term Sustainability Strategy
- **Develop a Five Year Plan to become the world's first naturally Carbon Balanced winery**

The processes involved in achieving our carbon balanced position focused on a thorough and verifiable approach that meets, and in some cases exceeds, current international best practices for Carbon Neutrality. Our solution complies with the following domestic and international standards

- ISO 14064 1-3: 2006 for Greenhouse Gas Accounting
- ISO 14044: 2006 for the identification of Life Cycle Assessments boundaries, adapted to the specific needs of the Australian wine industry
- Australian National Greenhouse Accounts (NGA) Factors, July 2012
- NGER Act, 2007 (and associated regulations and technical guidelines)
- AWCC (Australian Wine Carbon Calculator V1.4)

