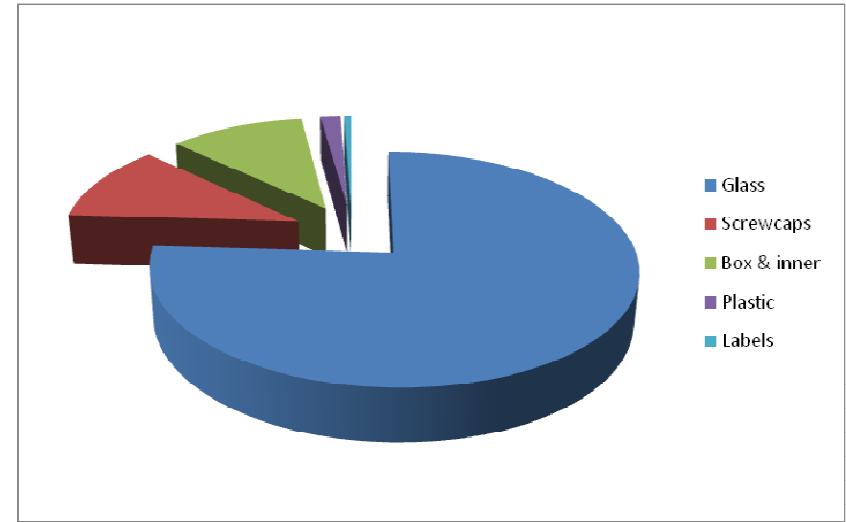
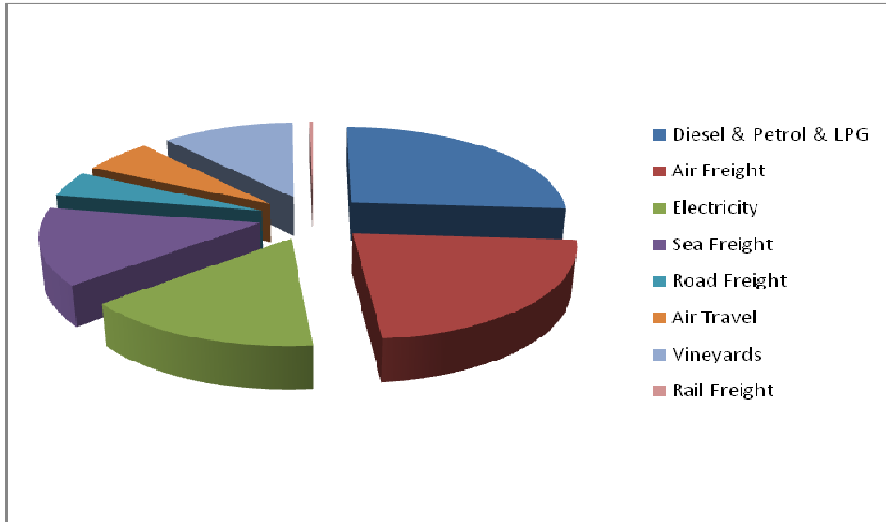


WAIRAU RIVER WINES – CARBON NEUTRALITY



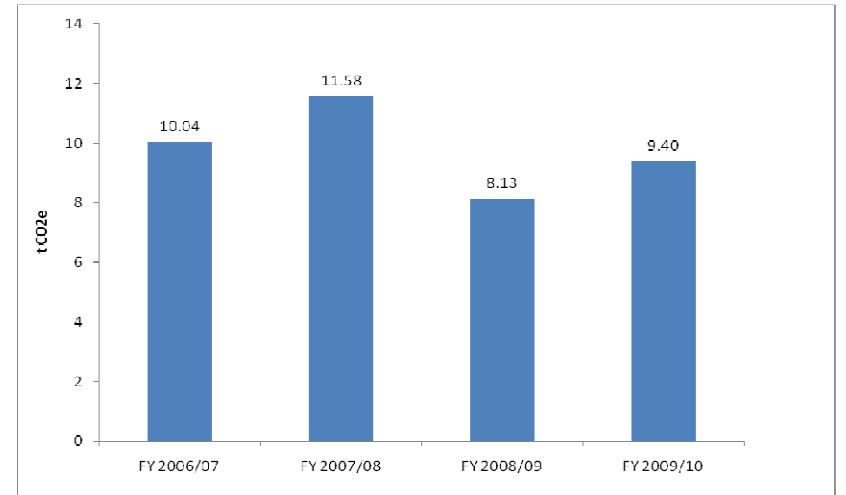
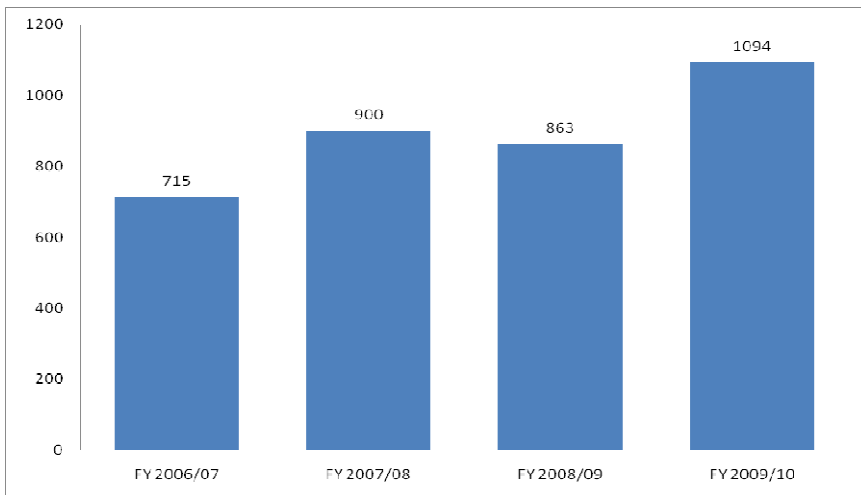
What is Wairau River's Carbon Footprint ?

- Approximately 9.4 Kg's of carbon emissions per case of wine or 0.7833 Kgs per bottle
- Our fourth year of measurement shows a small rise in emissions – we must improve on these results !!



Year to June 2010 – Diesel/Petrol/LPG/Air Freight/Electricity – major contributors

Glass is a large part – lightweight bottles are being used to reduce this



Total operating emissions for 4 years (Tonnes CO2)

Operation emissions per case of wine produced (Kg's CO2)

An external audit is required to achieve carboNZero certification – this is completed by Verification NZ.

The carboNZero certification Process – we undertake the following actions:

1. **Measure** our carbon footprint so we understand what our impact is on the global climate
2. **Manage and reduce** our greenhouse gas emissions at source through top management commitment, setting targets and reporting on emissions reduction performance.
3. **Mitigate** (offset) our remaining unavoidable emission by purchasing/cancelling verified carbon credits from credible New Zealand projects.
4. Have these steps independently **verified** by an external auditor
5. Make a credible and robust carbon neutral claim using the internationally recognised carboNZero certification mark.
 - The carboNZero programme is the world's first internationally accredited GHG certification scheme, which means the carboNZero certification mark is recognised in 50 world economies.

Measuring

Continuous recording and measuring of all facets of our business

Month by month comparisons analysed and annual reduction targets set

Reductions



NZ made lighter glass



New fuel efficient tractors – innovative new sprayers



No helicopters used for frost protection

Offset/Mitigation

Carbon credits are purchased via the Meridian Te Apiti wind farm located in the lower North Island of New Zealand, a 90 MW wind farm made up of 55, 1.65 MW Vestas turbines.

