

SUSTAINABILITY AT WINEWORKS MARLBOROUGH



Sustainability is something that forms part of our 'Lean Works at WineWorks' values. Below you will find our actions & principles to reduce, re-use and recycle ...

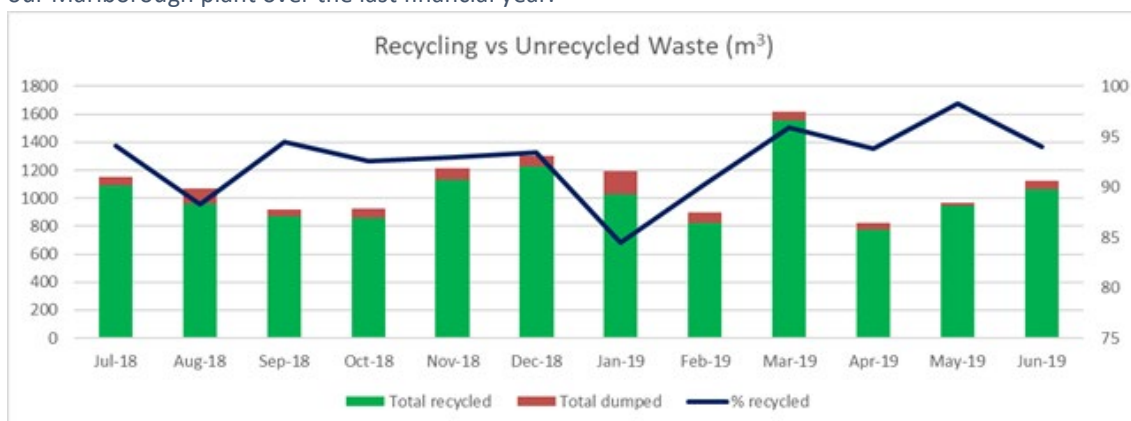
- **Glass** is collected, rough sorted, mixed with the glass from Council owned resource recovery centres, and kerbside recycling, then sent to Auckland for final sorting and processing into cullet (granulated glass for reuse in the manufacturing process) by Visy, who supply it to OI. OI's Auckland plant uses around 70-75% recycled cullet in their operations, which makes them one of OI's top three performing plants globally for recycling.
- **Cardboard** is collected by Metallic Sweeping, combined with resource recovery and kerbside material, and sold on the open market for reprocessing.
- **Paper** is collected by Metallic Sweeping, combined with resource recovery and kerbside material, and sold on the open market for reprocessing. This is sold as a mixed grade product for final use in packaging materials, so can include a higher proportion of otherwise unrecyclable paper product such as label backing.



- **Plastic** is baled and sent to Replas for reprocessing into slip-sheets. Bales are moved as a backload on northbound trucks which would otherwise be empty or partially loaded, reducing the overall environmental footprint of the process. Slip-sheets are then used to export bottled wine to the world.
- **Metals** are collected from any source in the facility including Lunchrooms (steel and aluminium food and drink cans), engineering scrap, damaged or redundant equipment, caps from quality checking, obsolete customer cap stock, production wastage, and sold to local scrap dealers.
- **Wooden pallets** are repaired in the first instance rather than being disposed of. Pallets we cannot use are gifted to other businesses, sold to AzWood for production and distribution of biofuel pellets, given to clients for their own use, or donated to charities (e.g. logistics team championed a process of cutting kindling which was given to hospice for sale). Our wood packaging has also been used for such diverse purposes as building film sets for local movie production, or upcycling in shop fitout by local businesses.
- **Expanded polystyrene:** We are now a collection point for Expol's polystyrene recycling programme, employees and customers are encouraged to bring their clean polystyrene for collection to be recycled.

The Principles we use to run our sustainability program are:

- We consciously use NZ-based re-processors to reduce carbon footprint of the recycling programme, all our glass and plastic is reprocessed in NZ, as is any wood.
- All recycling and waste volumes are reported on monthly, any anomalies are investigated, and opportunities to improve or adapt are sought out. This chart shows the proportion of our waste that is recycled vs thrown out in our Marlborough plant over the last financial year.



- Energy sources are low emission, with electricity being the predominant energy used throughout the facility, including all forklifts. LPG is used for hot water generation rather than higher emission diesel or coal. All energy used is reported on monthly, again any anomalies are investigated, and opportunities to improve are sought out.
- Industrial lighting is energy efficient LED fittings, with other light fittings (offices etc) next to be upgraded.
- Where possible, we work with neighbouring businesses to improve Sustainability outcomes by sharing knowledge, skills, contacts and resources.
- WineWorks Marlborough is a key stakeholder in the QuayConnect model which optimises the flow of packaging materials (bottles in particular) into our facility and the movement of finished goods for export out. This programme won a Green Ribbon Award in 2017, saves 1602 tons of CO2 per year, and was a finalist for Large Energy User Initiative for the Deloitte Energy Excellence Awards that same year.