



Ryman Healthcare Sustainability Initiatives

Our Objective: To support Ryman's overall sustainability strategy through proactive and focussed sustainability initiatives.

Development/Design:

- Utilising groundwater bores for irrigation, as permitted under the resource consent process.
 - Saves potable water use.
- Using stormwater retention tanks that filter/clean water before entry into waterways.
- Improving landscaping and utilising more native plant varieties.
- Retaining existing vegetation on sites, where practicable.
- Removing ground contamination and disposing of it at accredited facilities, where practicable.
- Low traffic generation – Ryman's typical traffic generation is ~20% of a standard residential development.
- Designing buildings utilising low-maintenance materials, wherever possible.
- Reducing the overall residential building footprint by designing and building quality, high-density residential retirement living options upwards rather than outwards.
- Implementation of Ryman's Principles of Sustainable Design.
- Incorporating electric vehicle (EV) charging stations into new Village designs.

Construction:

- Participating in Waste Management's Resource Recovery Program for our Auckland-based sites.
 - Working on similar options in Christchurch and Wellington.
 - In Victoria, Australia, ~85% of waste taken off site is recycled.
- Conducting a solar tile trial at the Anthony Wilding and James Wattie Villages.
- Consulting with an external energy consultant to discuss possible energy reduction options.

Property:

- Staggering the hours of Village laundry operations to reduce peak loading.
- Replacing fluorescent lamps and halogen lamps with LED lamps.
- Installing motion sensors for lighting in Village common areas.
- Removing green waste from Village waste streams using dedicated 'green' skips.
- Increasing recycling awareness amongst our Village residents through on-site education programmes.
- Removing R22 gas from air-conditioning plant in our Villages.
- Implementation of a Contractor Education Programme, e.g. for paint recycling, the correct disposal of HVAC units, etc.
- Recycling surplus furniture and equipment, where practicable.
- Investing in irrigation sensors and other technology to reduce unnecessary watering.
- Annual composting at Villages to increase mulching and water retention.

Other:

- Introduction of The Graeme Rabbits Sustainability Innovation Award.
- Introduction of Ryman re-useable jute bags.
- Membership of the Toitu carbon measurement and reduction programme.
- Membership of the New Zealand Green Building Council.

Procurement:

- Prioritising supplier ethical and environmental policies, whenever possible.
- Transitioning the company vehicle fleet to hybrid vehicles.
- Operating electric vehicle (EV) 'taxis' at selected Villages.
- Installation of EV charging stations at selected existing Villages.
- Introduction of discounted re-usable cups for staff and residents.
- Negotiating with suppliers to remove packaging from goods when delivered to our Villages/sites.
- Introduction of segregation bins for rubbish in the Christchurch office.
- Membership of Air New Zealand's 'FlyNeutral' program.
- Implementation of the Ryman Sustainability Framework.
- Moving from latex to nitrile gloves.

Finance:

- Liaising with the ANZ on Green/Social bonds – still in the early-stages of exploring this.
- Working on producing an ESG/Sustainability report to better answer the increased level of sustainability-related questions from funders/investors.

Offices:

- Recycling used florescent lighting tubes.
- Investigating clearer labelling on the 'Recycling' and 'Landfill' rubbish bins – we can potentially reduce contamination from ~60% to ~15%.
- Sourcing recyclable and sustainably-made stationery and general office products of similar value and quality, wherever possible, e.g. compostable teabags and recyclable packaging.
- Choosing printing paper that is packaged in recyclable wrapping.

- Engaging in a joint initiative with the Department of Conservation to supply predator traps made by Ryman residents for DOC's Nina Valley and Medbury reserves conservation programmes.
- Engaging in a joint venture with Predator Free New Zealand to supply predator traps made by Ryman residents for use around New Zealand.