

Akoranga Drive Site Waste Minimisation Project

Waste Solutions and Naylor Love

WasteMINZ Conference - May 2024



AUT Akoranga Project

- Complete renovation of an existing four-story building.
- Development of a new four-story building.
- Focus on integrating detailed site sorting and diversion of waste.



Project objective

Create a culture of site separation with a focus on supporting with the facilities, systems and training to eliminate waste... then see what happens.



Resource Sort Area – Lets Get Organised



A waste plan, clear signage and training for the site staff and subcontractors responsible for keeping the site tidy has been crucial to the success of the project.

Plastics

A key element of the onsite resource recovery area are containers to take plastics 1-5.



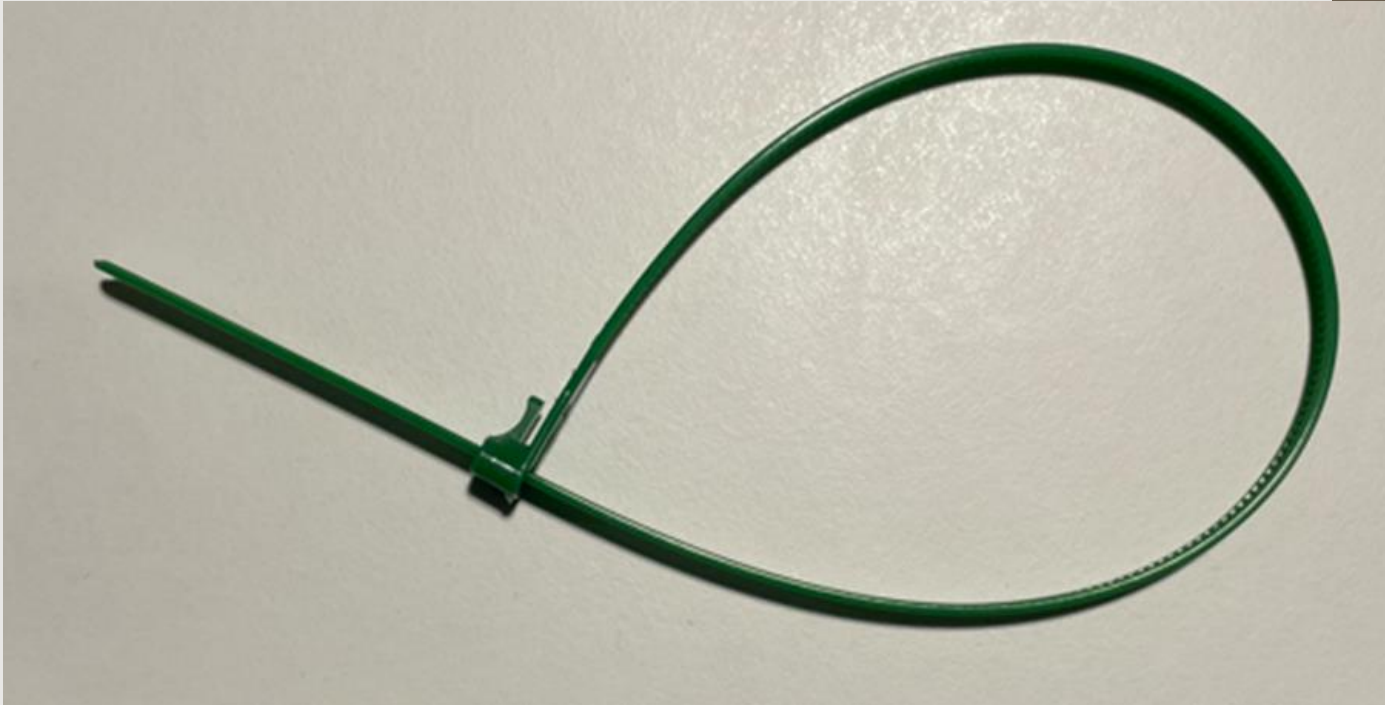
Challenges



A lot of waste is generated before work starts on site
i.e. it's designed in.



Surprise – How Big is our Problem



The tail of the cable ties.



Successes

A residual waste skip that fills up REALLY slowly



Successes



Sime Group Ltd
Strengthening Our Community...
sime@simegroup.co.nz

Train to be a qualified

RESOURCE SORTER – CONSTRUCTION

Learn about

- Waste Hierarchy
- Sorting Waste
- Waste Avoidance
- Health and safety

*NZQA Micro credential, level 2,
5 points, Equivalent*

Become our Super Hero

- Creating positive change for your future
- Zero waste by 2040



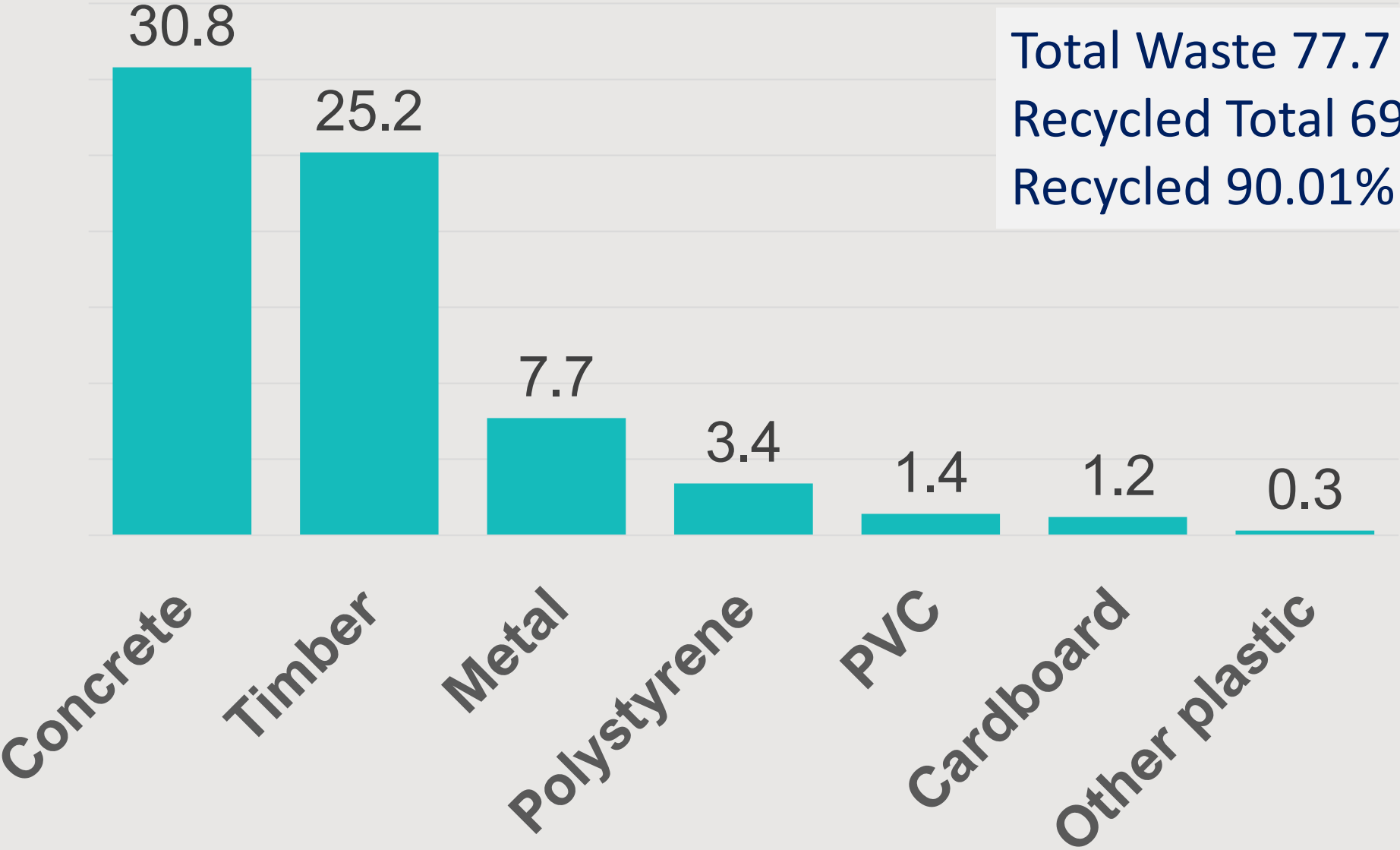
Resource Sorter – Construction



Waste talk – Sharing our knowledge and always Learning



Waste Material by Weight (tonnes)



Total Waste 77.7 tonnes
Recycled Total 69.9 tonnes
Recycled 90.01%



Conclusion

Total cost savings \$13,470

Traditional solution cost \$29,570

Recycled solution total cost \$16,100



<https://tinyurl.com/yeeb9fr4>

