

RETHINK
RUBBISH

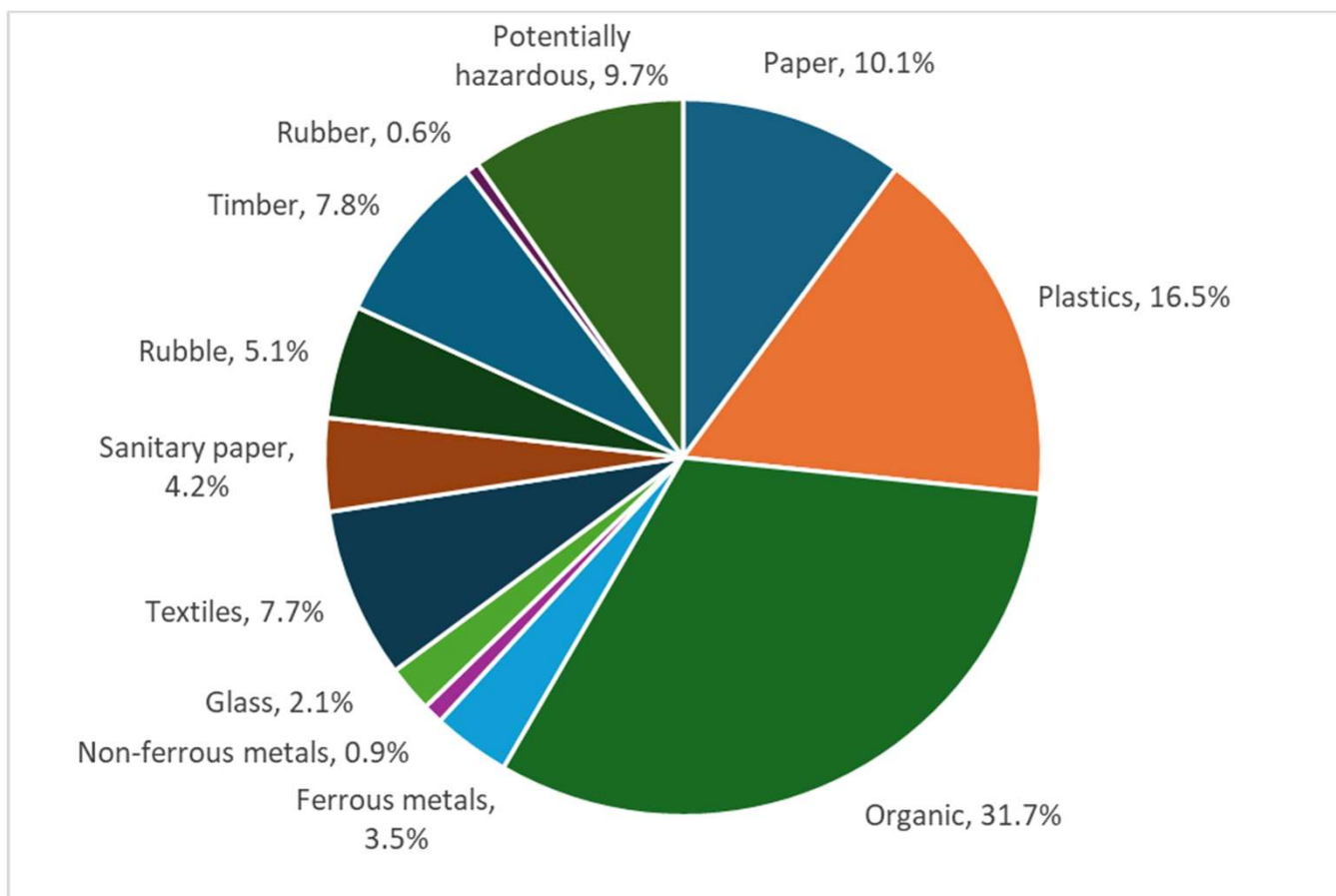


Waste Service Options and Business Case Overview

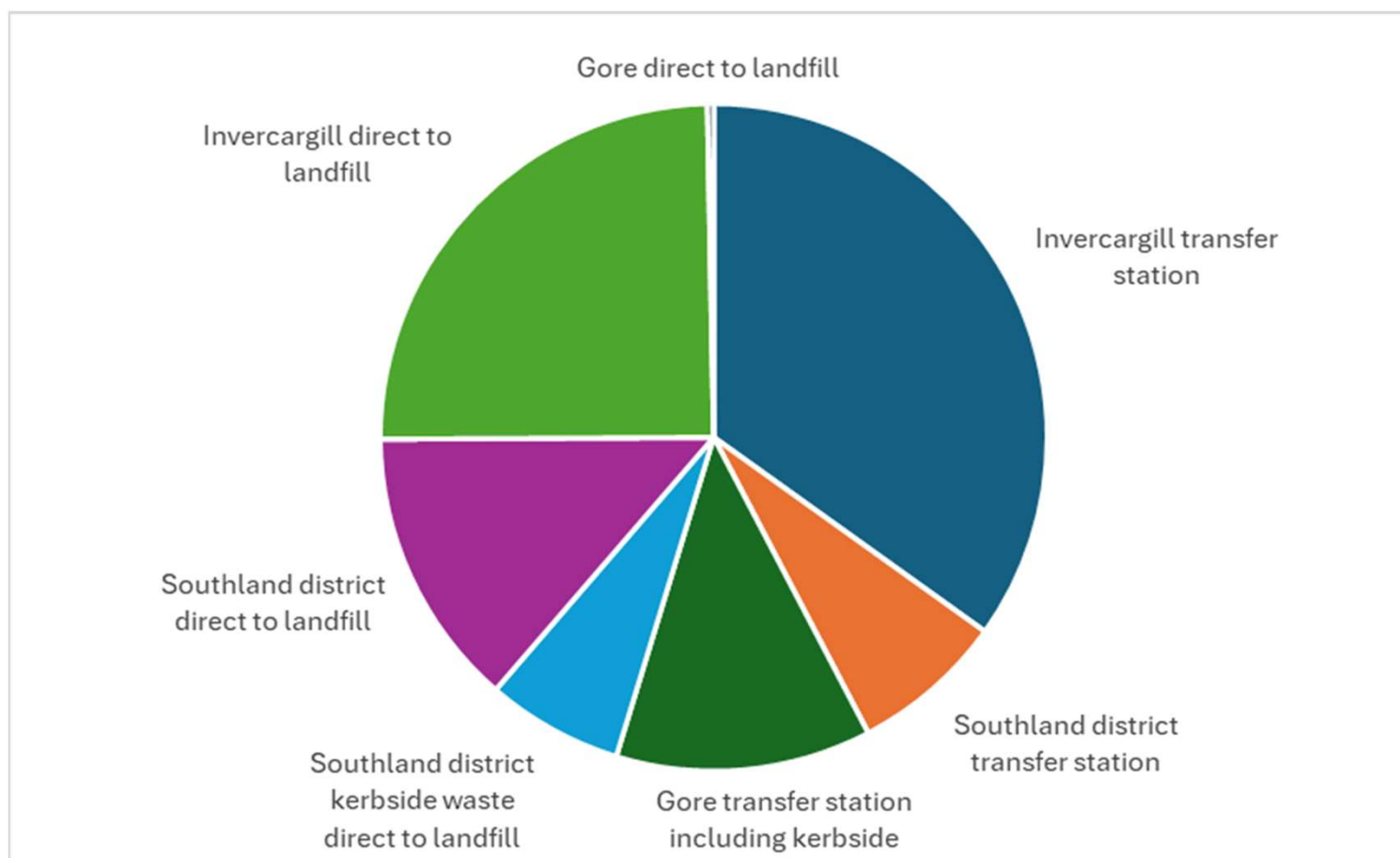
June 2025



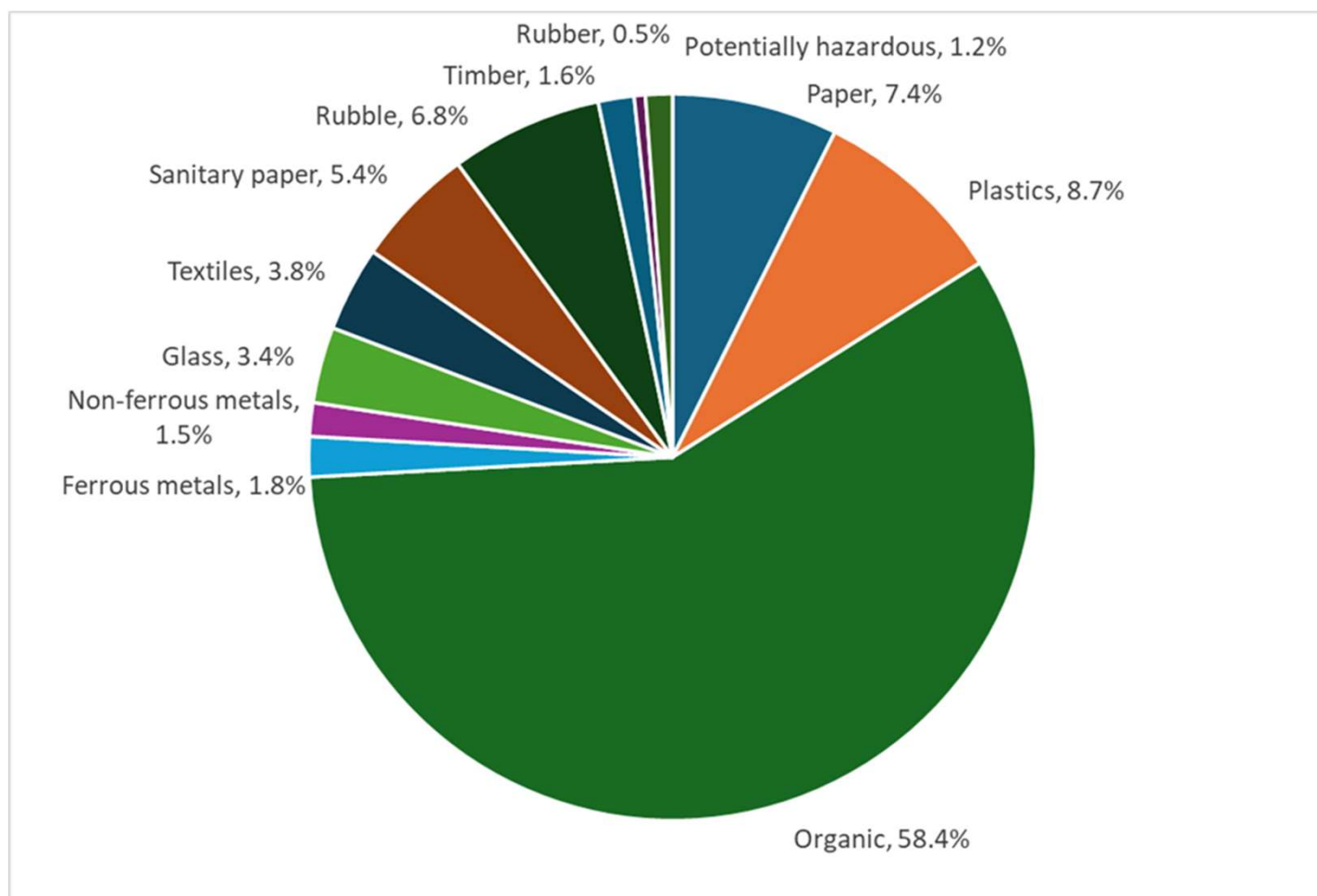
Waste Composition: Southland Landfill



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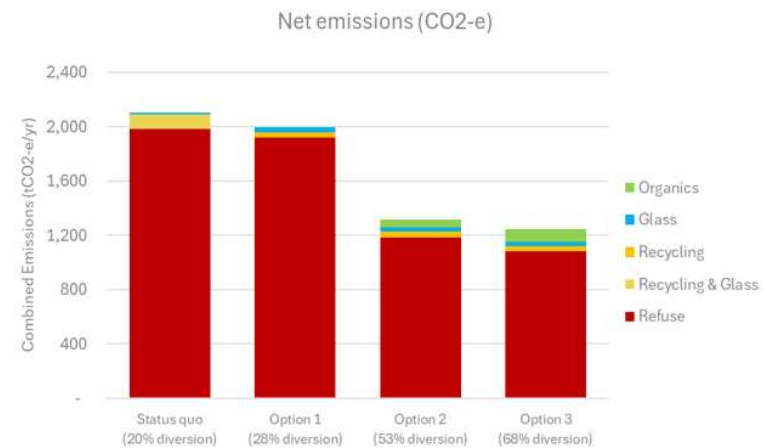
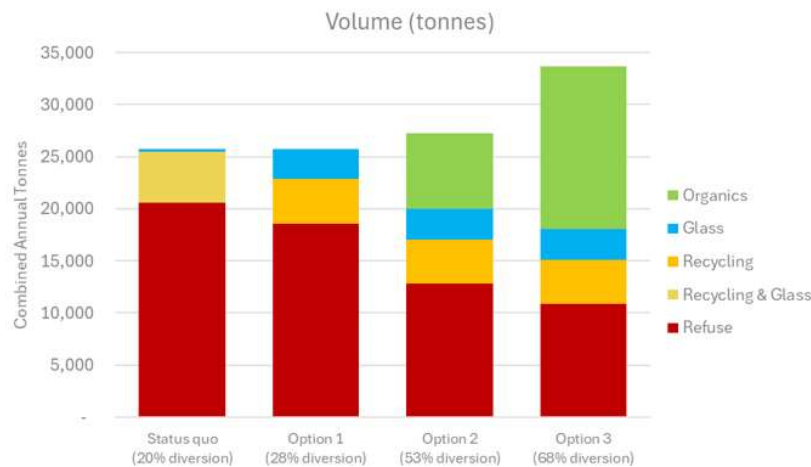
Waste Composition: WasteNet Councils Kerbside



S17A & Business Case Outcomes



Kerbside collection options: waste and carbon reduction



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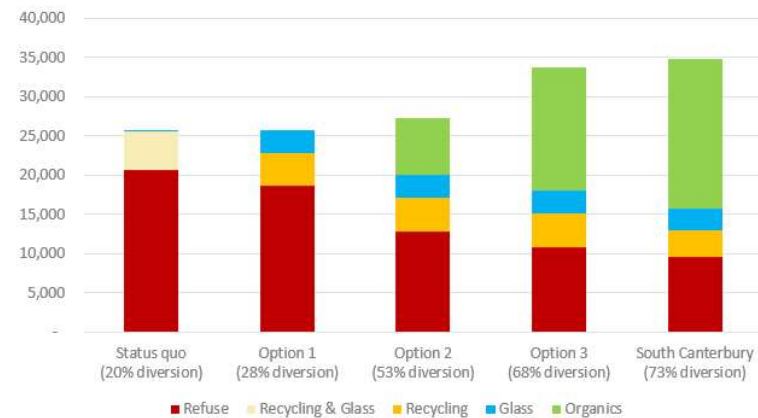
Comparison with South Canterbury

South Canterbury (Option 3)



- Timaru, Waimate & Mackenzie
- 29,000 households combined vs 38,000 Southland
- Timaru introduced organics in 2008, others 2021
- Diversion rate 73%

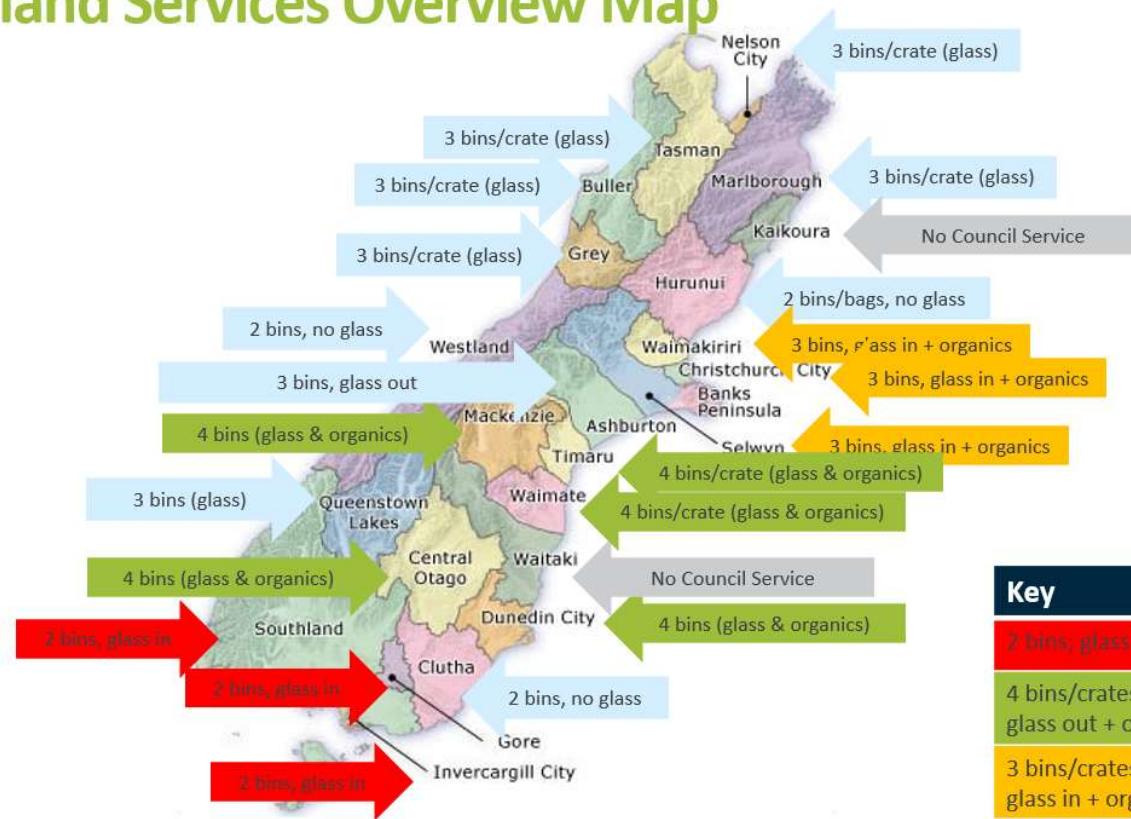
Volume (tonnes)



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South Island Services Overview Map



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Kerbside collection options: costs

Pricing Options	Status quo (\$/hh)	Option 1 (\$/hh)	Option 2 (\$/hh)	Option 2a (\$/hh)	Option 3 (\$/hh)
Forecast Cost per Household (Regional Rate)	\$341	\$341	\$356	\$376	\$411
ICC Stand Alone Contract	\$290	\$305	\$315	Not modelled	\$385

Average includes savings from one combined contract

Invercargill CC kerbside options



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Introducing a glass collection service

- The draft Business Case recommends:
 - *That a separate glass collection service is introduced by all three councils, using an 80L bin, collected fortnightly or monthly*
- **All three councils need to agree to introduce a separate glass collection**
 - Impacts where mixed recyclables can be processed
- Separate glass collection improves H&S, quality of recycling products and cost
 - Suppliers provided feedback that they would prefer glass separated
- Separate glass collection is the most common glass collection method in NZ
 - All Southland's neighbouring councils collect glass separately
- Each council can decide whether the glass collection is fortnightly or monthly
 - Cost savings of \$5-15/hh with monthly collection
- 45L crates are not recommended for glass collection for health and safety reasons
- Other bins sizes are not recommended due to bin weights and lift arm restrictions
- Glass solutions to be explored, however costs are based on transportation to glass furnace in Auckland (until local solution emerges)



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Introducing an organics collection service

- The draft Business Case recommends:
 - *That a weekly or fortnightly FOGO collection service is introduced, using either 80L or 240L bins*
- **Each council can separately decide:**
 - Whether or not to introduce FOGO
 - Date service introduced (e.g. could delay until 2030 – i.e. staged change of service)
 - 80L or 240L bin size
 - Weekly or fortnightly collection
 - Whether to include rural properties in the collection
- FOGO collection significantly reduces landfill disposal and waste-related carbon emissions
 - for a small increase in cost (collection cost offset by landfill disposal savings)
 - Cost benefits will increase as levy and ETS costs continue to rise
- Almost all Southland's neighbouring councils will have organics collection by July 2027
- Costs based on collected FOGO transported to Dunedin's composting facility (no current local solution)
- A reduction in rubbish bin size or collection frequency is recommended to encourage service use



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Changing rubbish collection service

- The draft Business Case recommends:
 - *That rubbish collection move to 140L bins, collected fortnightly when FOGO collection service is introduced*
- **Each council can separately decide:**
 - Whether or not to change from their current rubbish collection service
- However, use of diversion services will be maximised with the recommended change
- Almost all Southland's neighbouring councils will have fortnightly rubbish collection by July 2027
- While the AB Lime landfill will receive less organics from WasteNet's kerbside collections, they will continue to receive organics from other sources to support their gas collection system



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Additional costing notes

- Costs are presented as operational costs.
 - Depending on final solution, capital investment maybe required for a regional MRF and organics processing facility.
 - Presented costs (excluding status quo) are based on a glass-out MRF
- Sharing trucks lowers costs.
 - We have presented conservative costs based on each council delivering it's own service.
 - A shared service would use 3-4 less trucks.
 - In reality this will depend on how the contractor allocates trucks between Gore, Invercargill and Southland.

Presented costs and the recommended solution relies on continued regional collaboration

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Recommended solution

Category	Recommended solution
Governance & Management	- Continue with the <u>WasteNet</u> shared service, using WAG for joint decision-making. - Review WAG delegated authorities, increasing responsibilities where possible to increase decision-making efficiency.
Service Delivery	- Increase scope of WasteNet , for example closed landfill management. - Continue to outsource waste services via one end-to-end regional contract
Waste Services	- Introduce a four-bin collection service for all councils: - Introduce separate glass collection service (80L bin, fortnightly) - Re-introduce GDC mixed recycling collection, aligning with ICC and SDC (240L bin, fortnightly) - Introduce organics (FOGO) collection service (80L bin, weekly) - Align GDC and ICC refuse collections to SDC (120L bin, fortnightly) - Review and align current collection areas to a policy (safe roads, minimum settlement size) - Complete feasibility study for future MRF, covering development and operation and potential co-location of broader Resource Recovery Park (ICC transfer station, future organics) - Review SDC's existing network of transfer stations, <u>rationalise operating hours or locations</u> where possible

Recommended solution relies on continued regional collaboration