

# Waste Management and Minimisation Plan

How Do We Want To Get There?  
Survey Reading



# Proposed Strategy

Vision

## Zero Waste 2040

Empowering Taranaki to achieve a circular economy

Goals

Local infrastucture that maximises resource value

Provide tools to encourage responsible consumption

Prioritise solutions for low waste, emissions and nature (Te Taiao)



Objectives

Behaviour Change

Collaboration and Partnerships

Innovation and Leadership

Accessible Facilities and Services



# Issues, Gaps and Barriers:

Pg4

Key waste streams & material capture

Pg6

National policy and work programme

Pg8

Data

Pg10

Circular Economy



# Key waste streams & material capture

## Key Waste Streams:



Commercial waste



Rural waste



Illegal dumping



Recycling contamination

## Material Capture:



Textiles



Sanitary



Construction and demolition (C&D)



Timber



Organics



Tyres

# Key waste streams & material capture

## Barriers to our Vision and Goals:

- Lack of reuse and recovery options or infrastructure
- Lack of time to sort waste to maximise value
- Lack of information about what services are available
- Embedded behaviour over generations
- Awareness of consequences
- Cost of disposal

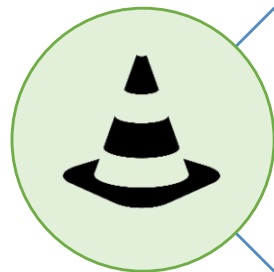


# National Policy and Work Programme

## Issues and Gaps:



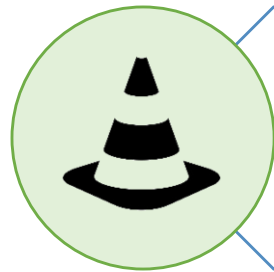
Increased cost of landfill



Climate change



Investment in waste recovery infrastructure



Impact of nationally driven programmes e.g. standardisation of kerbside collections



Reliance on national and international markets for recovered materials



# National Policy and Work Programme

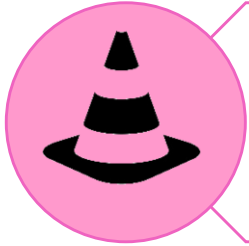
## Barriers to our Vision and Goals:

- Increased costs to communities and businesses for unrecoverable materials
- Changes to local processing of organic and kerbside materials
- Increased cost to divert materials processed outside of the region
- Disruption of infrastructure services and transport of materials
- Accessible disposal of recovery services becomes limited
- Disadvantaged communities unable to afford disposal

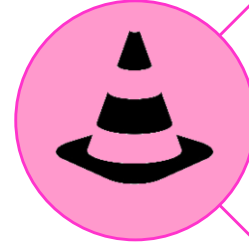


# Improving Data

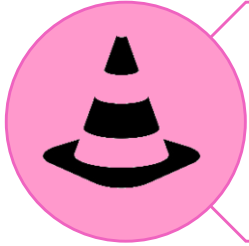
## Issues and Gaps:



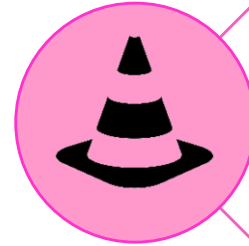
Lack of region-wide materials flow and associated emissions and energy flows



Limited data on effectiveness of behaviour change and education



Consistency in reporting waste and climate data from councils



Lack of secure portal for data collection and reporting



# Improving Data

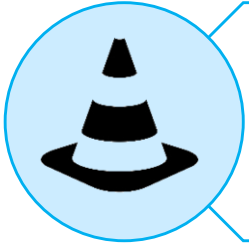
## Barriers to our Vision and Goals:

- Unable to provide the appropriate levels of service/support to cater for quantity and types of waste being produced in the region
- Unable to measure the impact of behaviour change/educational campaigns
- Limited evidence to support increased funding demands for behaviour change projects
- Unable to provide integrated waste minimisation services around Taranaki

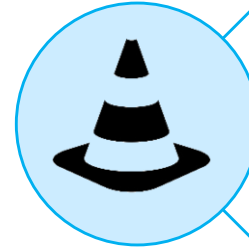


# Circular Economy

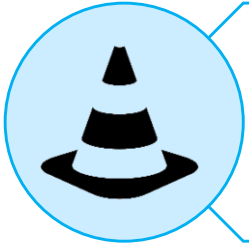
## Issues and Gaps:



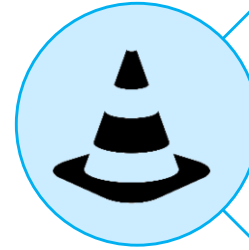
Little influence regionally on key parts of circular economy



Limited local options to retain value of materials



Limited awareness of consumers on the lifecycle of products ( all inputs → product → all outputs)



Limited public understanding of circular economy concepts

# Circular Economy

## Barriers to our Vision and Goals:

- Unable to 'close the loop' on a regional/national level
- Unable to collaborate with larger councils on significant waste reduction initiatives
- Underestimate the full value of products so lose valuable materials to landfill
- Opportunities to reuse and maximise resources are not utilised

