



bringing the circular economy to life

Today we are talking about ...



Climate Commission's advice

What is it for, what can we do to help them

Discuss some ideas

Key messages for our submission

Looking for Feedback

What information is useful for members?

Cheat sheet for submissions?

Education material for Teams?

Package of advice for Government



Best ways for Aotearoa NZ to reduce emissions

then

Government creates 1st emissions reduction plan
5 year emissions budgets

**Looking for feedback to strengthen
tmesheir evidence base**



The Paris agreement

Legally binding international treaty

Goal to limit warming to 1.5 degrees (2 degrees max!)

196 parties each create a plan to mitigate and adapt called a 'Nationally Determined Contribution'



NZ framework

Climate Change Response (zero carbon) amendment act 2019

1. Sets GHG emissions reduction targets
2. 5 year emissions reductions budgets
3. Requires Government to develop and implement climate change policy
4. Created independent Climate change Commission - He Pou a Rangi to keep Govt on track so we meet long term goals



Steps in the process

**Climate
commission
research phase**

**Talked to wide
range of New
Zealanders**

**Technical
reference
groups,
workshops and
discussions**

**Draft advice
released 1 Feb**

**Looking for
comments,
suggestions,
ideas from us
all to fill gaps
and develop
arguments**

**Submissions
close 28 March**

**Climate
Commission
uses feedback
to strengthen
the evidence
base and fill any
gaps**

**Final advice
package to
Government May
2021**

**Government
takes advice
into account
when it
develops its
first
emissions
reduction
plan**

By Dec 2021

**We do all the
jobs on the list!**

**Reps to
COP26
Glasgow
Nov 2021**

Two main tools

ETS

Price on emissions

**Sectors - direct action
policy and targets**

Focus on 4 areas:

Land, Waste, Transport
Heat, Industry & Power



make a submission

1 BIG THING

6 big Issues

24 detailed questions.....

Online Template

climatecommission.govt.nz

1,000 word limit for each question



One Big Thing

Reduce Waste to Reduce Emissions

All our stuff contains
Materials + Embodied energy

Reduce

don't make it in the first place

Slow it down

Reuse, closed loop recycling, composting



6 BIG issues

1. Pace of change
2. Balance cost now vs future generations
3. Changes to NDC - 1.5 degrees
4. Approach to forestry
5. Most urgent policy - action, pricing, investment
6. Balance ambition and achievability

24 detailed questions.....

Key messages



Reduce Waste to Reduce Emissions

1. Increase the organic waste reduction targets
2. Binding reduction targets for all waste streams
3. Reduction and reuse are key tools
4. Measure progress towards a circular economy
5. Strong support for Product Stewardship
6. Build community resilience

Advice is methane focused

Target 23% reduction by 2030

Too low

**Separate collections
for organics - esp. local**

**Ban organics from
landfill**

**Target by 2030 halve
food waste at source**



Reduction targets for all waste streams

Extracting, producing, moving, selling and using stuff creates emissions

Offshore and onshore

Binding targets for

Plastics

E-waste

Textiles

Construction & Demolition



Reduction and reuse

Use zero waste strategies to make our economy more circular

Reduction

Reuse

Repair and refurbish

Real Recycling

**Have the technology
and the know how**



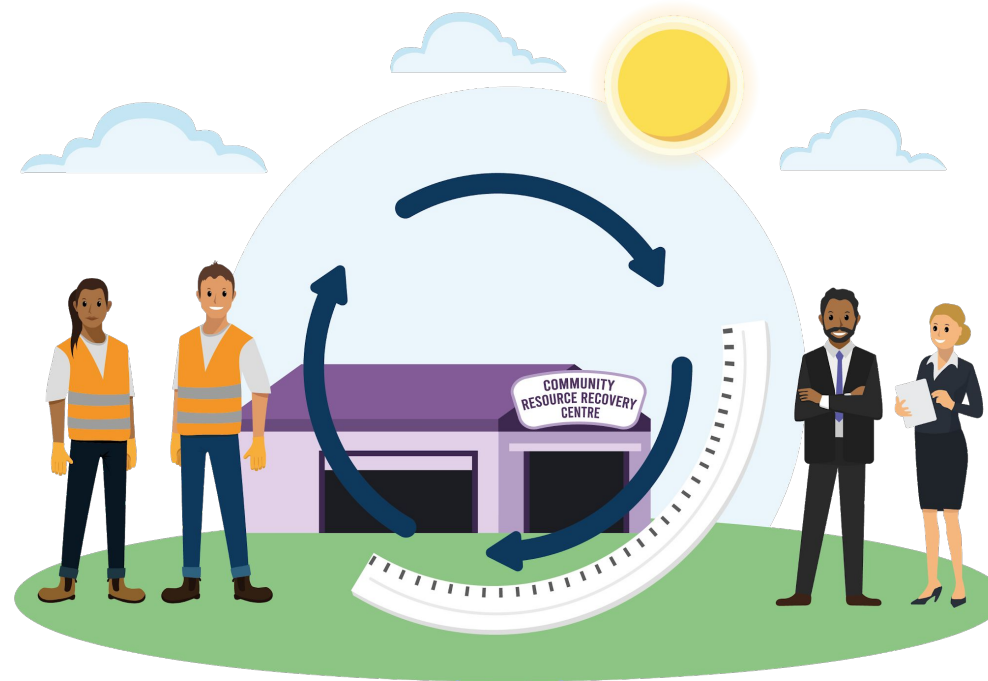
Measure circularity

Consumption analysis

Waste = pollution & inefficiency

Emissions have an impact whether they are 'counted' or not

Whole life cycle
Embodied and upstream



Mandatory Product Stewardship

**Responsibility for materials
and emissions shared
across the value chain**

**Keep things in
Circulation**

**Make them last as
long as possible**



Invest in community resilience

Mitigate and adapt

Invest at the local scale

Composting

CRC's - reuse and recycle

Marae, māori enterprise

Behaviour change





Thanks for getting involved