

The Waste Minimisation Framework in New Zealand

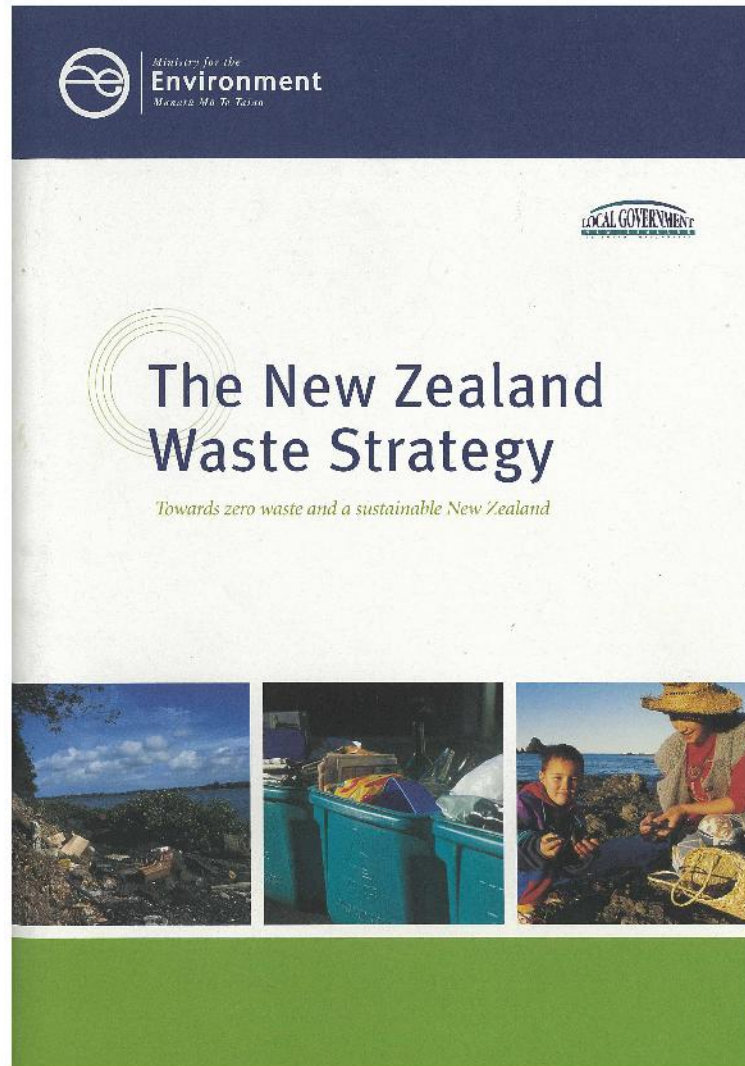


Regulation and beyond...

RAGS make paper,
PAPER makes money,
MONEY makes banks,
BANKS make loans,
LOANS make beggars,
BEGGARS make rags

18th Century Recycling

The NZ Waste Strategy



The NZ Waste Strategy

The Waste Minimisation Act is a subset of the Strategy

The Strategy still defines the 'road map'

It has 5 core policies and associated programmes of work:

- A sound legislative basis for waste minimisation and management
- Efficient pricing
- High environmental standards
- Adequate and accessible information
- Efficient use of materials

The Waste Minimisation Bill

Key components

- Definitions
- Product stewardship
- Levy on waste to landfill
- Waste Minimisation fund
- Responsibilities to Territorial Authorities
- Waste Minimisation and Management Plans
- Reporting of waste information
- Establishment of a Waste Advisory Board

What is Happening Overseas?

England

Denmark

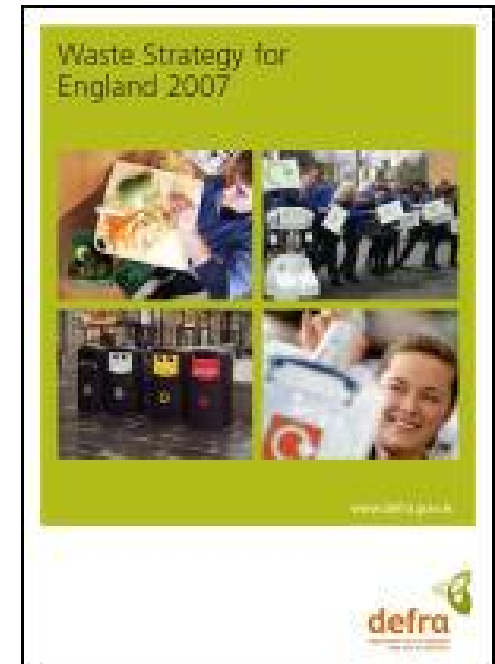
Western Australia

Zero Waste California

Victoria

EU waste directive

Wider policy trends



How well is NZ doing?

OECD

Waste targets

Market structure and knowledge

Investment

Policy frameworks

Why are Some Doing Better than Others?

Market features – economies of scale

Simple set of goals and targets linked to big waste streams

Funding streams linked to goals and targets

Large economic instruments

Partnerships and stakeholder management

Investment

- infrastructure for processing (e.g. glass)
- market development (e.g. green waste, c&d)

Knowledge and capability development

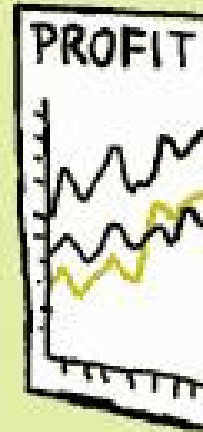
Highly regulated

**ALCANTARA
REFRIGERATOR
INC.**

Chon Madden

OUR PRODUCTS ARE
CONTRIBUTING TO
GLOBAL WARMING.

A WARMER PLANET
MEANS MORE
FRIDGE SALES!



Cost or Opportunity?

davanticonsulting

What Drivers are There?

Regulatory

Cost reduction

Market opportunity

Risk management

Reputational management

Regulation and Beyond

- Compliance**
 - Profit-centered
 - Reactive compliance
 - Cost-focus
 - Orthodox financial reporting

- Beyond Compliance**
 - Risk based
 - Eco-efficiency focus
 - Tactical "one-off" initiatives
 - Environmental reporting

- Integrated Strategy**
 - "Top Down" leadership
 - Sustainability performance targets
 - Sustainability reporting
 - Programme of work
 - Investment approach

- Visionary**
 - Socially Responsibility becomes a core competency
 - "Triple bottom line"
 - Stretched targets
 - Competitive advantage
 - Rebranding & positioning
 - Product & Service Innovation

Business Examples

Fletcher Building

WaterCare

Progressives

WOMAD

M&S



Business Issues with regard to the Act

Industry is unsure of their own views

Not yet an easy mechanism to feed these views into the system

There is a lack of knowledge as to what will happen next

Groupings of industry organisations may change

Cost impost if don't act to reduce

Collaborative partnerships will create change

Individual companies are taking action

Business Opportunities

New services will need to emerge

- Legal
- Accounting
- Product design
- Materials technology
- Infrastructure
- ICT

Existing services will get a boost

- Recovered materials

Barriers that Could get in the Way

Made in New Zealand

Investment

Fragmentation

Variability in capacity and capability

Nimbism

Product Stewardship

Opportunities

Influence the guidelines for a good scheme

Be the first to get accredited

Create new partnerships

Create new markets and market access

Keep the licence to operate

Create a scheme now and get ahead of the game

Will it stifle or spur innovation?

If there's no innovation then it will because it will be regulated

Levy and Fund

Its success will be dependant on

Design of the criteria – you need to have your say

Leadership of the Waste Advisory Board

Ability for outcomes to be quantified

Nature of partnerships established amongst players

Territorial Authorities

Shift to explicit integration of waste minimisation

Give effect to the NZ Waste Strategy

Open to auditing

License to work on joint plans

By-laws that give effect to waste minimisation plans

Reporting

Increased reporting requirements

Will involve integrated work with industry and TA's to ensure effective data

Local government will need to understand its waste size, flows, composition in order to forecast and cost its waste minimisation and management plan

What needs to happen next

*“align the information with the policy
with the targets with the action with
the results”*

Informed discussion

New partnerships

Market research

Materials innovation

Customer knowledge

Questions?

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