

reThink Waste!
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reThink Business Waste

Presented by:
Department of Environment and Resource Management

Toward 
tomorrow's Queensland



Queensland
Government



Why do we need to reThink Waste?





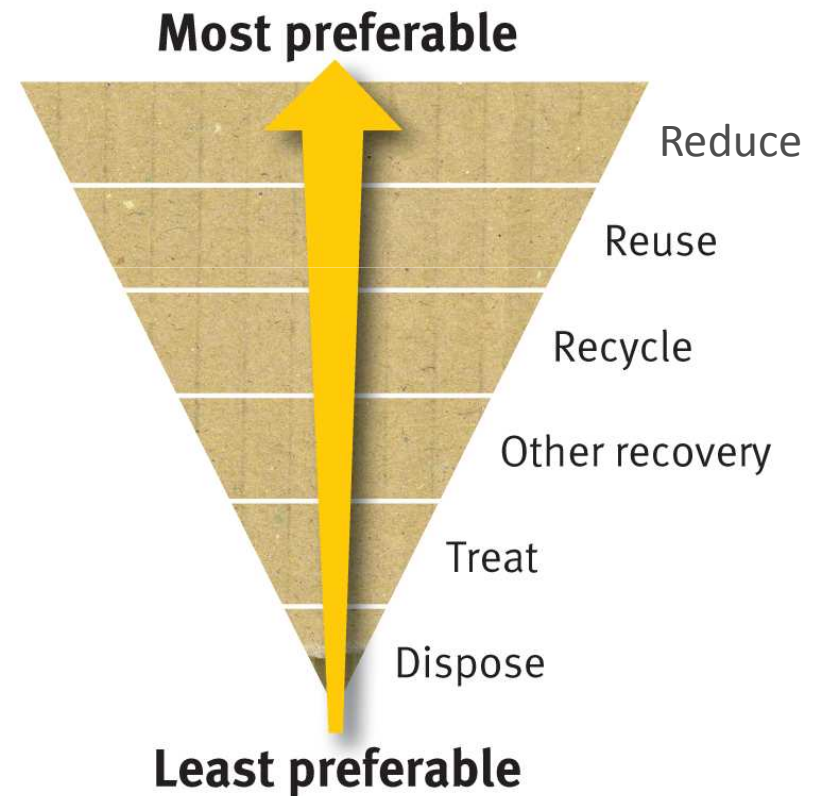
Why do we need to reThink Waste?

- Waste is an inefficient use of resources
- Unsustainable generation and disposal of waste in Queensland
- Current waste management legislation is out of date



Key components of waste reform

- Stronger legislation and targets
- Use of a price signal
- Funding to waste programs
- Partnerships



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Queensland's targets

By 2020 Queensland will need to:

- reduce waste to landfill by 50%
- reduce generation of waste by 15% per capita
- reduce landfill gas emissions by 50%



- Recover and recycle:
 - 75 per cent of construction and demolition waste
 - 60 per cent of commercial and industrial waste
 - 45 per cent of regulated waste
 - 65 per cent of municipal solid waste
- reduce the total amount of, and the environmental impacts from, litter and illegal dumping

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Why a levy on waste?

- While waste to landfill is seen as the cheapest option, it is the most inefficient use of resources.
- Funding from levy will help fund cost effective solutions for stakeholders for better waste management across the state and stimulate growth in sector.
- Discourage interstate waste ‘dumping’ in Queensland as the cheapest option.



The levy — how will it work?

- Commences 1 December 2011
- Applied per tonne of waste disposed to landfill
- Applied to commercial and industrial (C&I), construction and demolition (C&D) and regulated wastes that are not diverted from landfill
- Facility operator to pay the levy to DERM on waste delivered to the facility and landfilled



The levy on waste to landfill — how much?

Waste levy category	\$ per tonne
Commercial and industrial waste	35
Construction and demolition waste	35
Contaminated and acid sulphate soils	35
Lower hazard regulated waste	50
Higher hazard regulated waste	150
Municipal solid waste	0

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What happens interstate?

State	\$ per tonne
ACT	117
NSW	80/75/30
VIC	44/22
SA	35/17.5
TAS	2
WA	28/12
NT	0

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Who pays the levy?

- Only landfill operators within the levy zone will pay the levy on waste.
- Charges will most probably be passed on by your waste collection service provider.
- How much you pay may vary depending on how much the provider is charged.

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The levy—where?

- 34 local government areas
- 99% of the population
- 99% of Queensland's waste

Levy Zone and
Local Government Boundaries

- Towns
- Local Government Boundaries
- Levy Zone

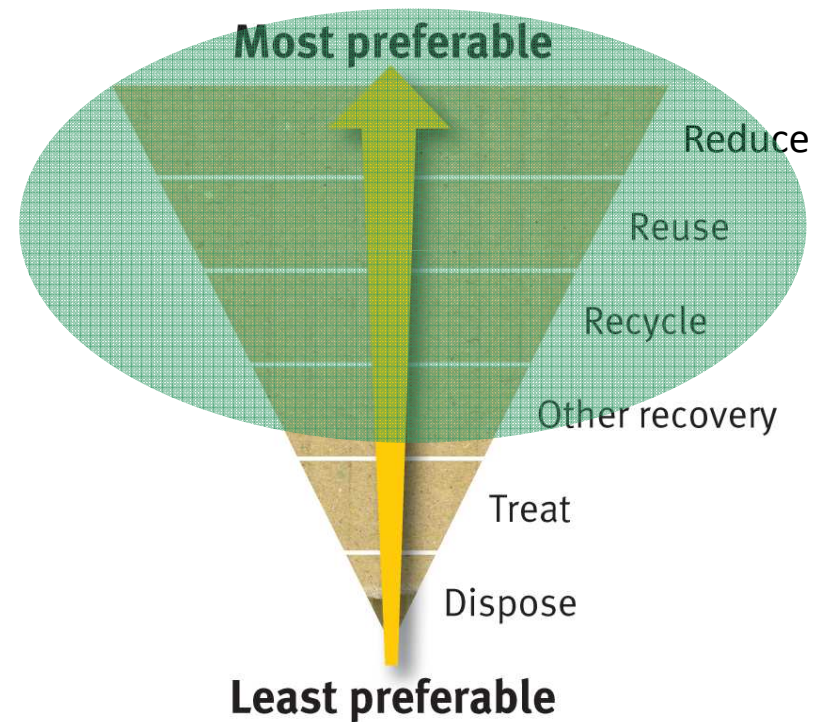


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The levy and your business

- **The levy will not apply to material diverted from landfill.**





Waste = inefficient business process

- 1) Pay for waste to come on-site
- 2) Pay to move waste around as an operating cost
- 3) Pay to dispose of waste

Start thinking about avoiding and reducing waste in the first place.

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Reuse and Recycling

Furniture concepts

- Off-cuts reused
- Off-cuts recycled – sent to Rocky Point
- Dust compacted into pellets



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Reuse and recycling

Hamilton Island Enterprises

- Source separated recyclables
- Baled materials trucked to Brisbane
- Glass crushed
- Crushed glass used on-site
- C&D recycling
- Saving \$20,000 per month



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Recycling

Gympie Muster Inn

- Undertook waste audit
- Identified new recycling streams
- Reduced number and collection frequency of waste bins
- Saved 50% on their waste charges (\$2,340 per year)
- Increased recycling by 250%



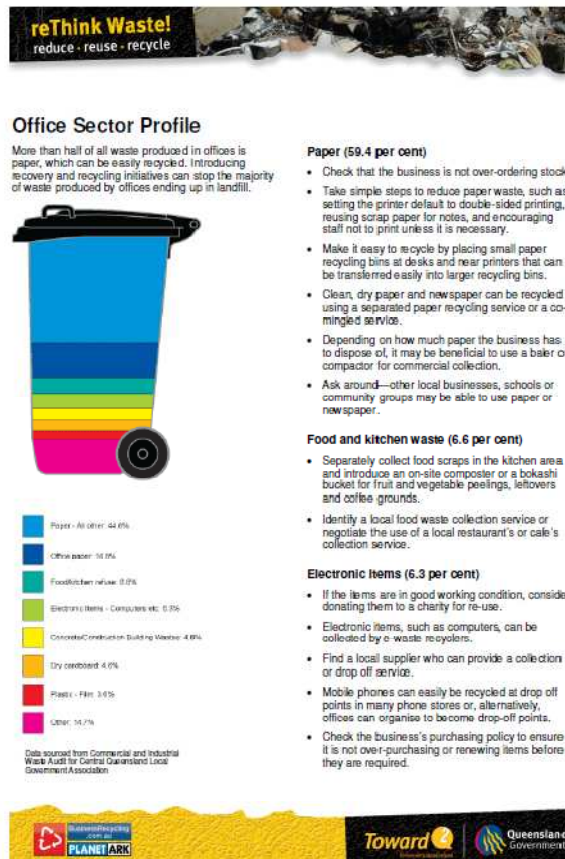


Practical steps: reduce, reuse and recycle

- Step 1 – Measuring volume of business waste
- Step 2 – Materials to target
- Step 3 – Local collectors of recyclable materials
- Step 4 – Introduce a new resource recovery service
- Step 5 – Implement source separation systems
- Step 6 – Educate staff



Step 2 – Materials to target What is in my waste stream?



- Ideas on how to reduce, reuse, recycle different materials types: www.derm.qld.gov.au/waste businessrecycling.com.au
- Business 'waste buster' program
- ecoBiz



Step 3 – Who can divert my business waste from going to landfill?

DERM has partnered with Planet Ark's business recycling directory to help businesses find local resource recovery service providers.

businessrecycling.com.au





Step 4 – Introduce a new recovery service

Recycling collection incentives





Step 5 – Separately collect materials

Equipment rebate





Step 6 – Educate staff



Department of Environment and Resource Management

recycling/bin-stickers/using_bin-stickers_for_public_places_recycling.html

Organics (including food and garden organics) (Dark green or black) Lims Green

You may wish to rejuvenate your existing bin-sticks and should discuss your needs with your waste and recycling contractor to reflect the Australian Standard colours.

Mixed recycling materials - recycling bin stickers

The following artwork can be applied to recycling bins for the collection of mixed recycling.

Recycling and Lims bin at Queensland Rail

Image of Item	Link to download file
	Download artwork (PDF, 3,016)* DBSM's terms and conditions take effect immediately upon downloading Recycling Artwork. Imagery: Glass juice bottle, milk carton, cardboard tray, newspaper, plastic cup, plastic bottle, aluminum can, plastic containers 1-7
	Download artwork (PDF, 2,416)* DBSM's terms and conditions take effect immediately upon downloading Recycling Artwork. Imagery: Glass juice bottle, cardboard tray, newspaper, plastic cup, plastic bottle, aluminum can, plastic containers 1-7
	Download artwork (PDF, 2,634)* DBSM's terms and conditions take effect immediately upon downloading Recycling Artwork. Imagery: Glass juice bottle, cereal box, newspaper, plastic cup, plastic bottle, steel can, plastic containers 1-7



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Grants programs

- New markets
- New business opportunities
- Cleaner production

- Waste infrastructure grants
- Market development grants
- Business waste avoidance grants
- Applied research & development grants
- Community grants
- HazWaste grants

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How to stay informed

- Check DERM website for updates about new reThink Business Waste programs
- Register your business details at www.derm.qld.gov.au/waste to be notified about reThink Business Waste programs