



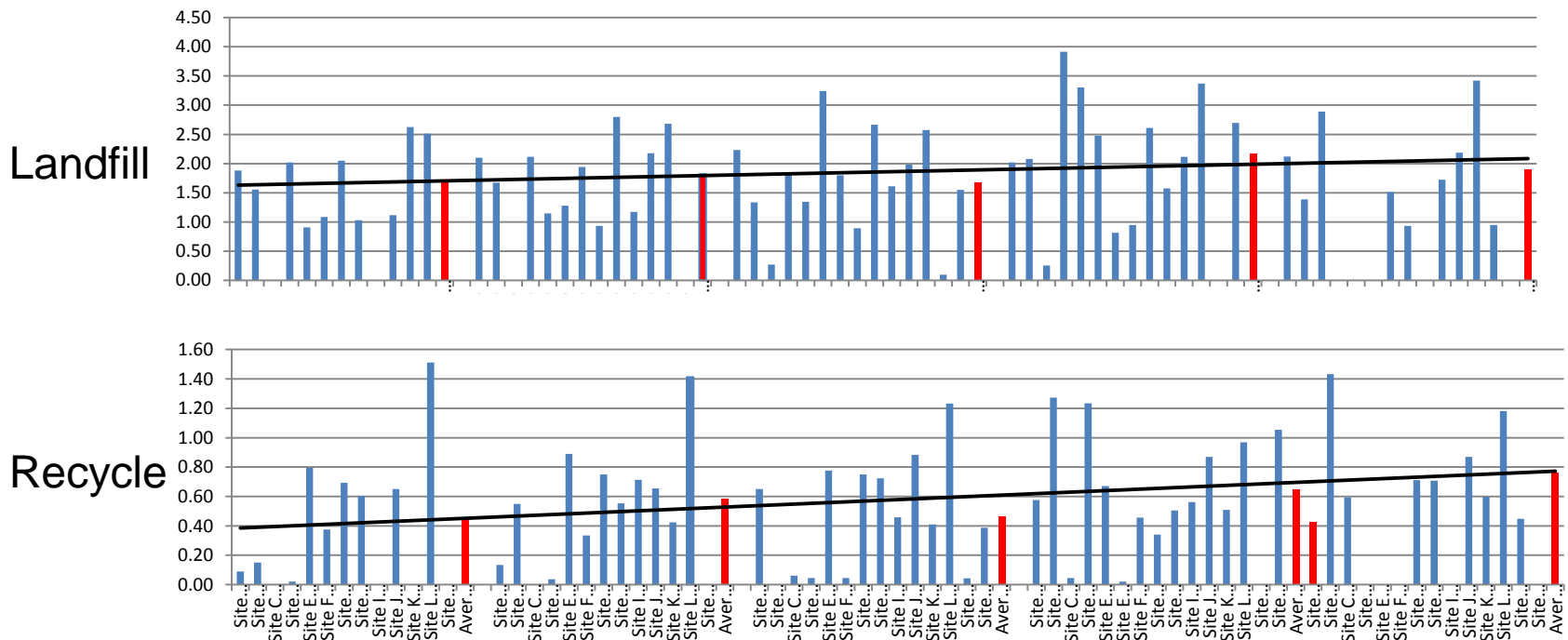
# **Victorian Green Hospital Round Table Group (VGHRTG)**

# VGHRTG

- Knowledge sharing
- Upcoming Events/Award Opportunities/Training and Case Studies
- Changes to Codes/Standards and Legislation
- Benchmarking
- Stakeholder reference group to government or independent enquiries

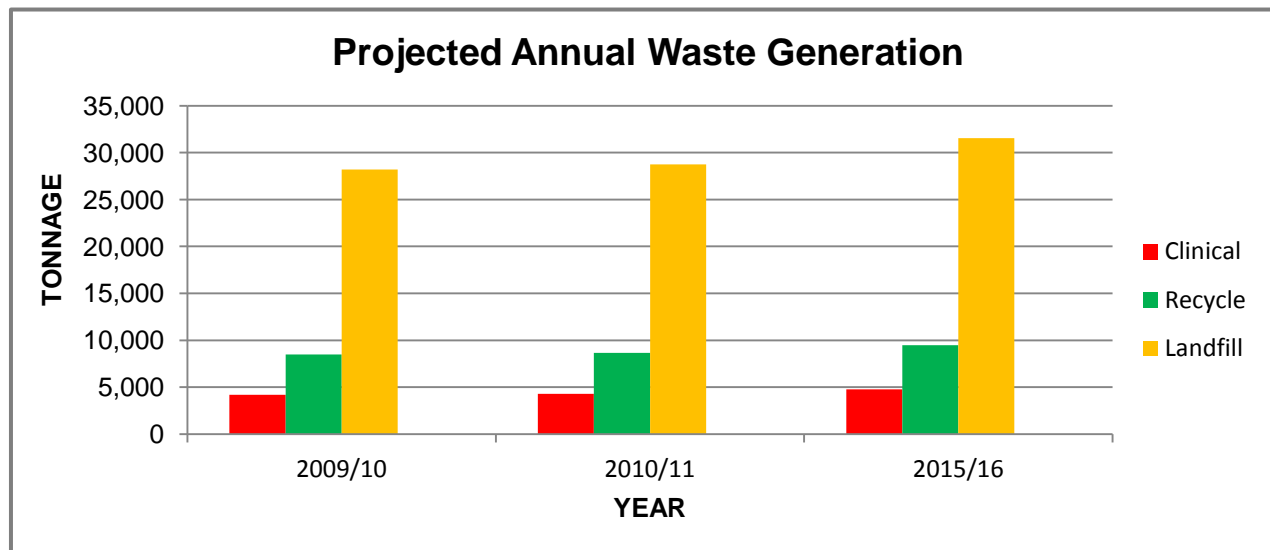
# Waste - Context

- Waste benchmarking data for VGHRT



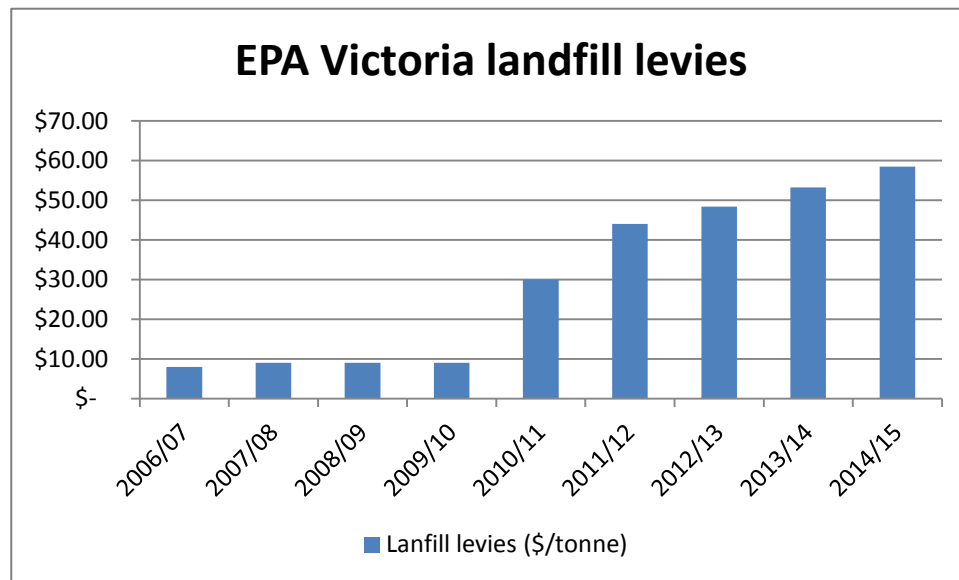
# Waste - Context

- Forecast waste creation in Victorian healthcare



# Waste – Landfill levies

- Increasing landfill levies force health services to find ways to reduce the amount of waste they generate and dispose of to landfill



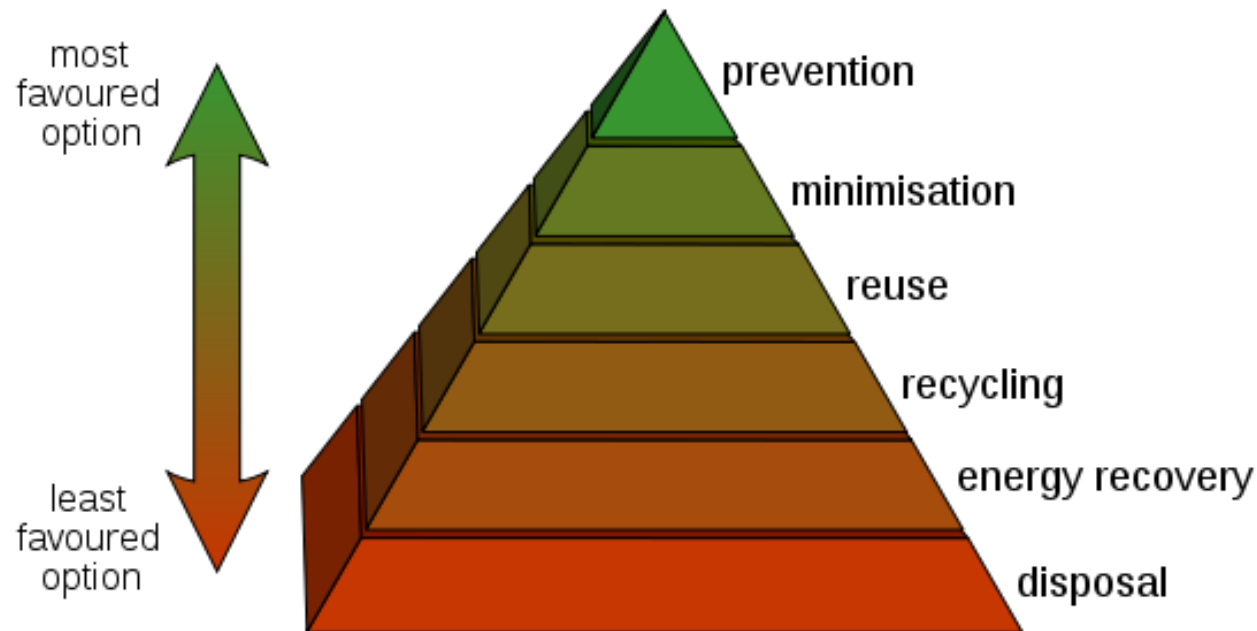
# Waste – Cost of disposal

- Clinical waste disposal costs 10 x landfill
- Sharps cost 45 x landfill



# Waste - Issues

- Waste minimisation 101 - Don't bring it in!



# Waste - Recycling

Cardboard/paper	E-waste (computers/mobile phones)
Theatre wrap	Metal instruments
Polystyrene	Soft plastics
Organics	Baby bottles
Fluoro tubes	Plastic bowl sets
Globes	Furniture
Batteries	Equipment
Mattresses	PVC
Printer/toner cartridges	Shrink wrap
Glass	Hard plastics
Pallets	Bras



# Waste – The Future

- Space allocation to waste management
- Patient numbers will rise
- Adoption of single use items
- Waste levies
- Benchmarking
- Waste Minimisation



# Reducing environmental impacts

- Case study 1 – Cabrini Laundry uses co-gen and the ability to use Class A water to achieve 50% reduction of greenhouse gases

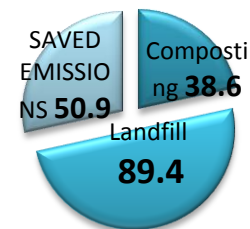


# Reducing environmental impacts

- Case study 2 - Closed Loop organics recycling (Barwon Health)
- A composting machine is being trialled in conjunction with Department of Health to reduce the amount of untreated waste sent to landfill



**CO2 EMISSIONS  
TONNES PER YEAR**



# Reducing environmental impacts

- Case Study 3 – Austin Health is participating in the [Victorian Government's Electric Vehicle Trial](#)
- Investigating benefits for climate change, energy use, air quality and Victorian jobs.



# Reducing environmental impacts

- Case study 4 – Pharmacy packaging project
- Logistics project in the Pharmacy Department reduced packaging, created organisational efficiencies and created cost savings.



# Reducing environmental impacts

- Case study 5 – Environmental criteria in tenders (Royal Melbourne)
- Environmental KPIs and reviewing contract management to ensure that environmental aspects are monitored during the life on contracts / agreements





# Reducing environmental impacts

- Case study 6 - PVC recovery in hospitals project (Western Health)
- Collaborative project with Vinyl Council of Australia, Baxter Healthcare, NSW EPA, Sustainability Victoria and Liverpool Hospital to produce a tool kit for PVC recycling rollout to hospitals globally.



# Reducing environmental impacts

- Available online at <http://www.vinyl.org.au/about-pvc/pvc-products/pvc-in-healthcare/pvc-recovery-in-hospitals>

HOW TO SET UP AND IMPLEMENT PVC RECOVERY

