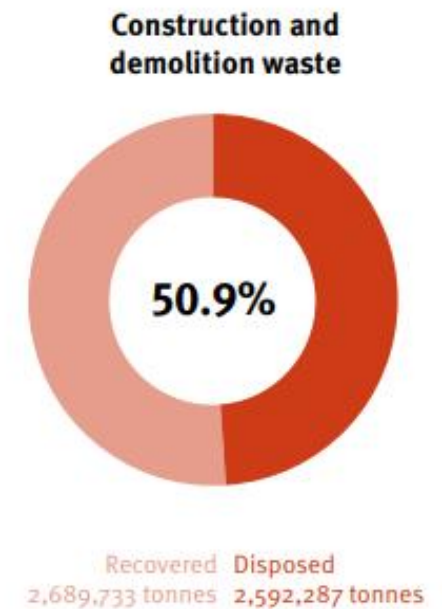
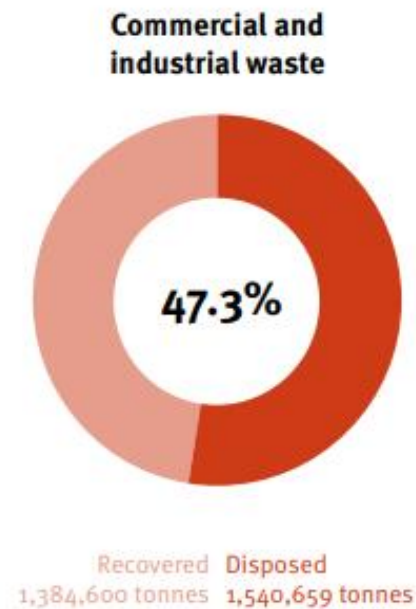
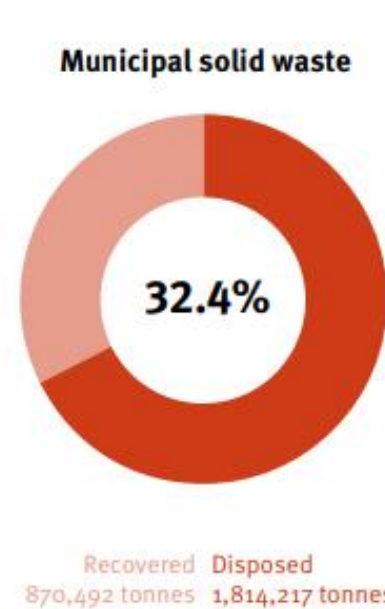
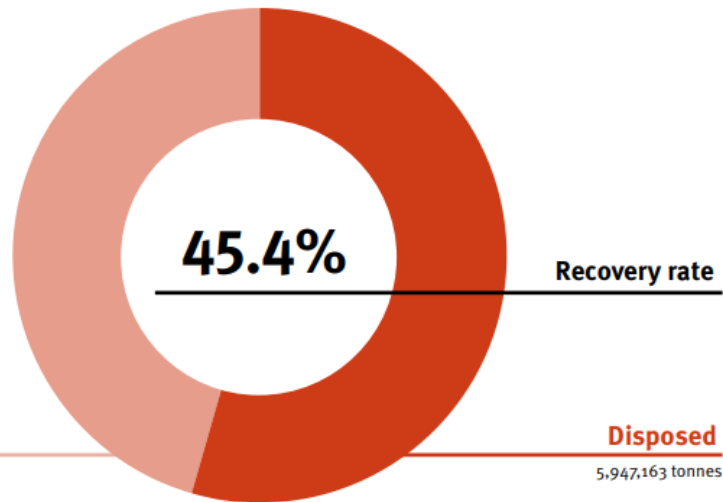


# **Developing Queensland's Energy-from-Waste Policy**

Department of Environment and Science  
12 Nov 2019

# Waste management and resource recovery in Qld (2017-18)



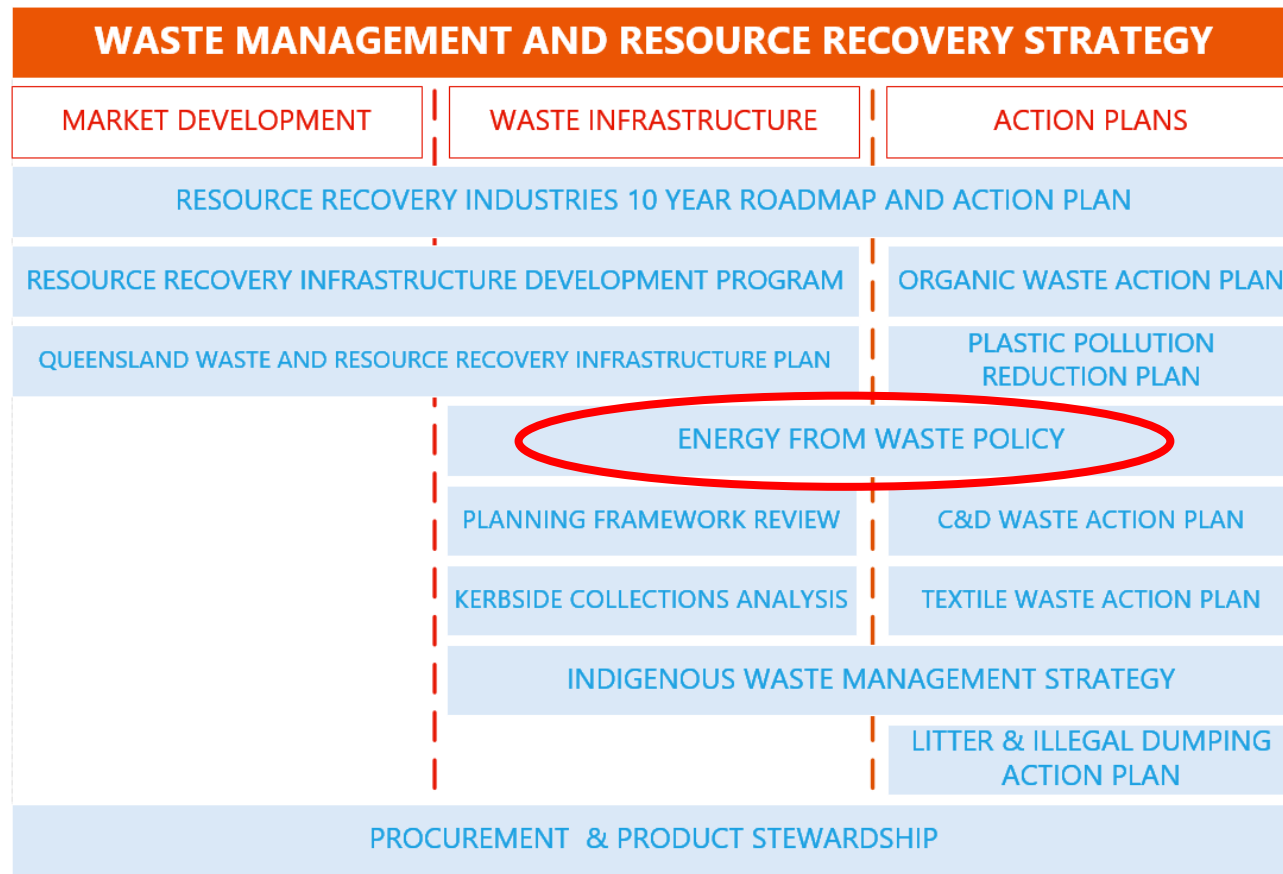
# Queensland Waste Management and Resource Recovery Strategy

Queensland will become a zero-waste society, where waste is reused and recycled, with strategic investment in diverse and innovative resource recovery technologies and markets to produce high-value products and generate economic benefits for the state.

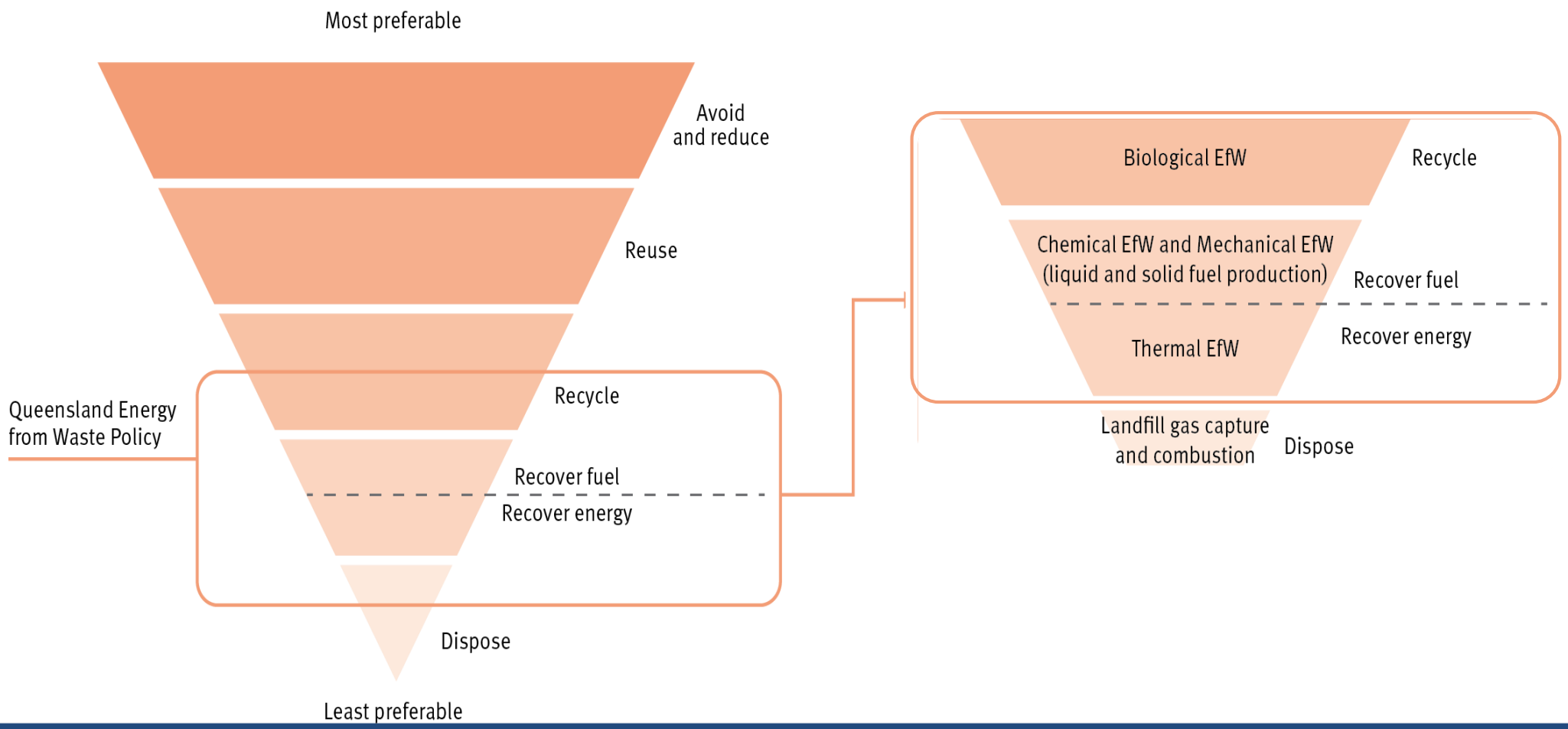
By 2050:

- A reduction in household waste by 25%
- A 90% resource recovery rate across all waste types
- A recycling rate of at least 75% across all waste types

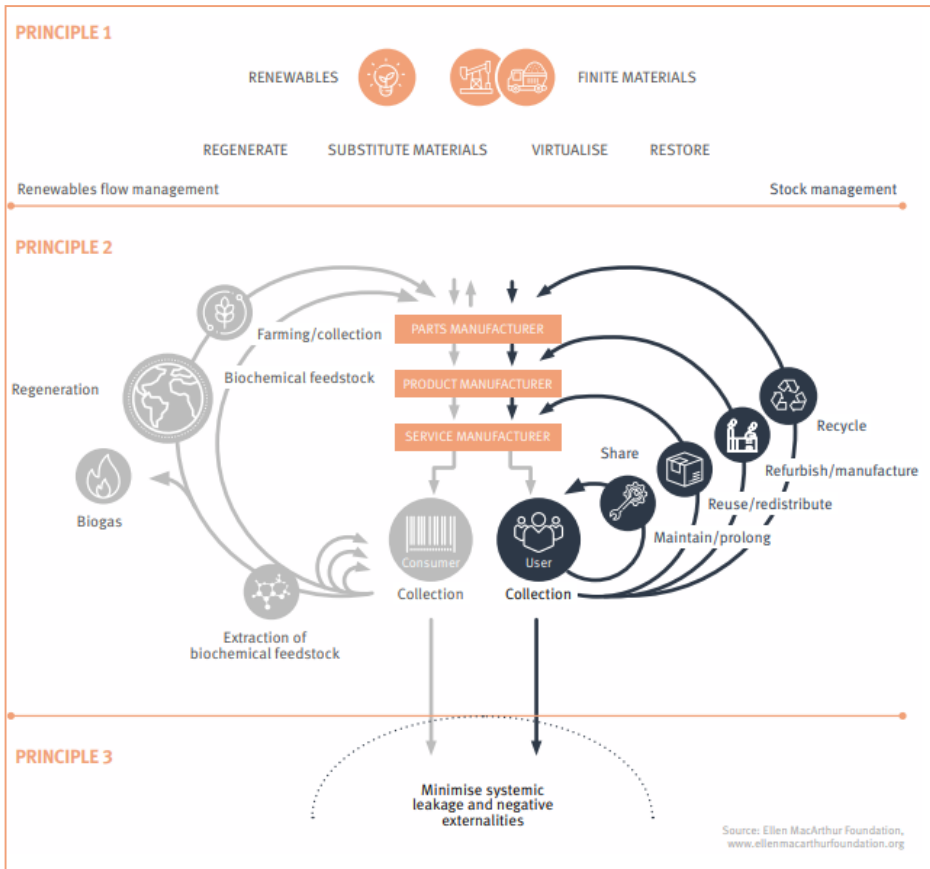
# Where does the EfW policy fit under the Waste Strategy?



# EfW foundation principle 1 – waste hierarchy



# EfW foundation principle 2 – circular economy



CE Principles	Applied to EfW
Design out waste and pollution	Apply BAT to minimise waste & pollution
Keep products and materials in use	Develop end-of-waste codes for wastes products
Regenerate natural systems	Prioritise biological EfW

# EfW Policy – key considerations

- Technology agnostic
  - biological, chemical, mechanical and thermal EfW
  - new and emerging technologies
- Preserving the waste hierarchy
- Demonstrating operational performance
- Stakeholder engagement
- Residual waste as feedstock
- Adapting to residual waste changes over time
- Energy recovery performance
- Environmental protection

# EfW Policy timeline

