

# Carbon Metric International

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 @ZeroWasteScot

 @HowToWasteLess



@ZeroWasteScotland

**ZERO  
WASTE  
SCOTLAND**

# Zero Waste Scotland: Rewiring the economy



We're Scotland's circular economy public body, working with government, business, and communities to rewire the economy from our current "take, make, waste" model to one where we make the most of the materials we have.

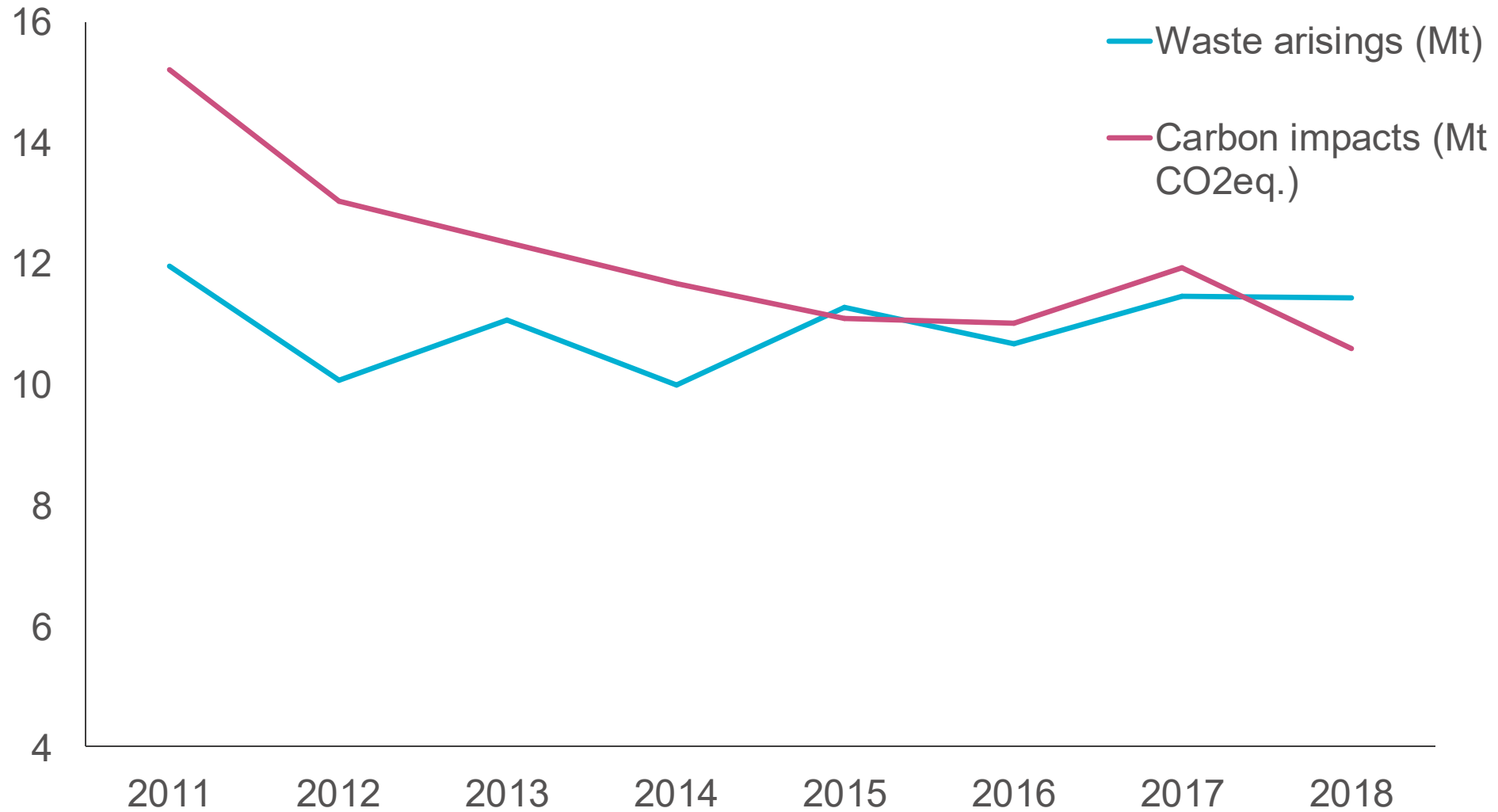
A zero waste, circular economy is the right choice - for people, planet and prosperity.

# What is CMI?

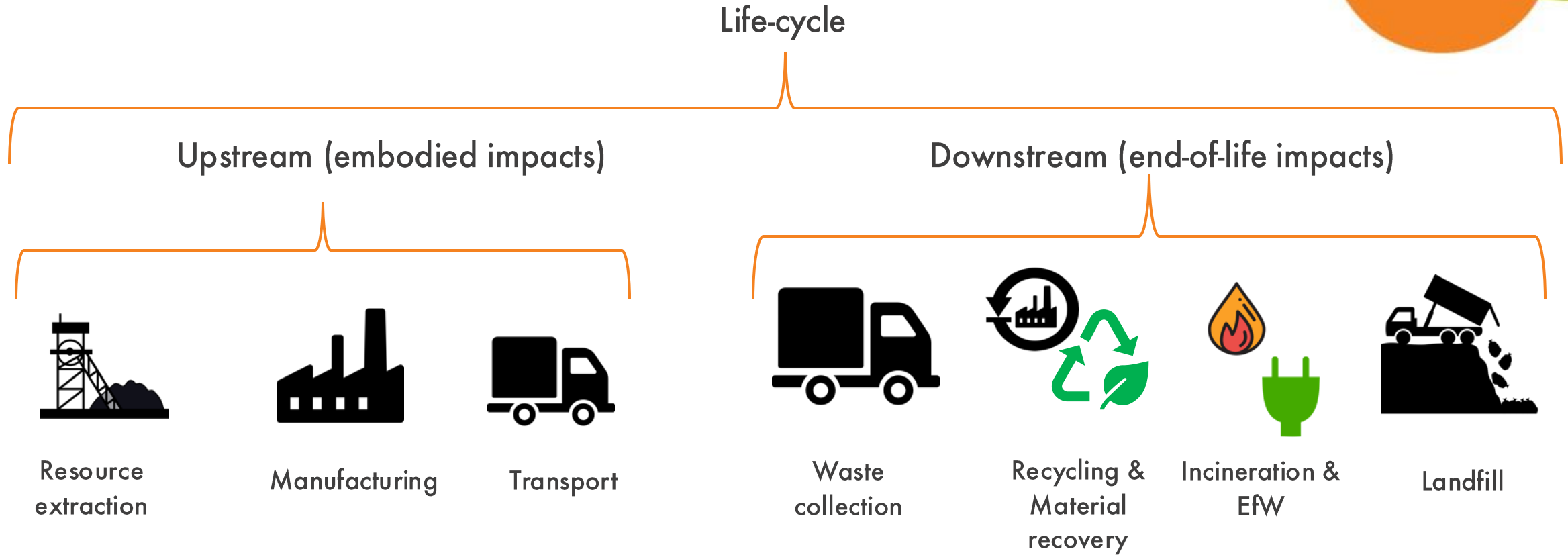
- A project to estimate the carbon impacts of waste in cities and regions outside of Scotland
- Based on Scotland's Carbon Metric
- Considered the impacts of different materials at different stages of the life cycle

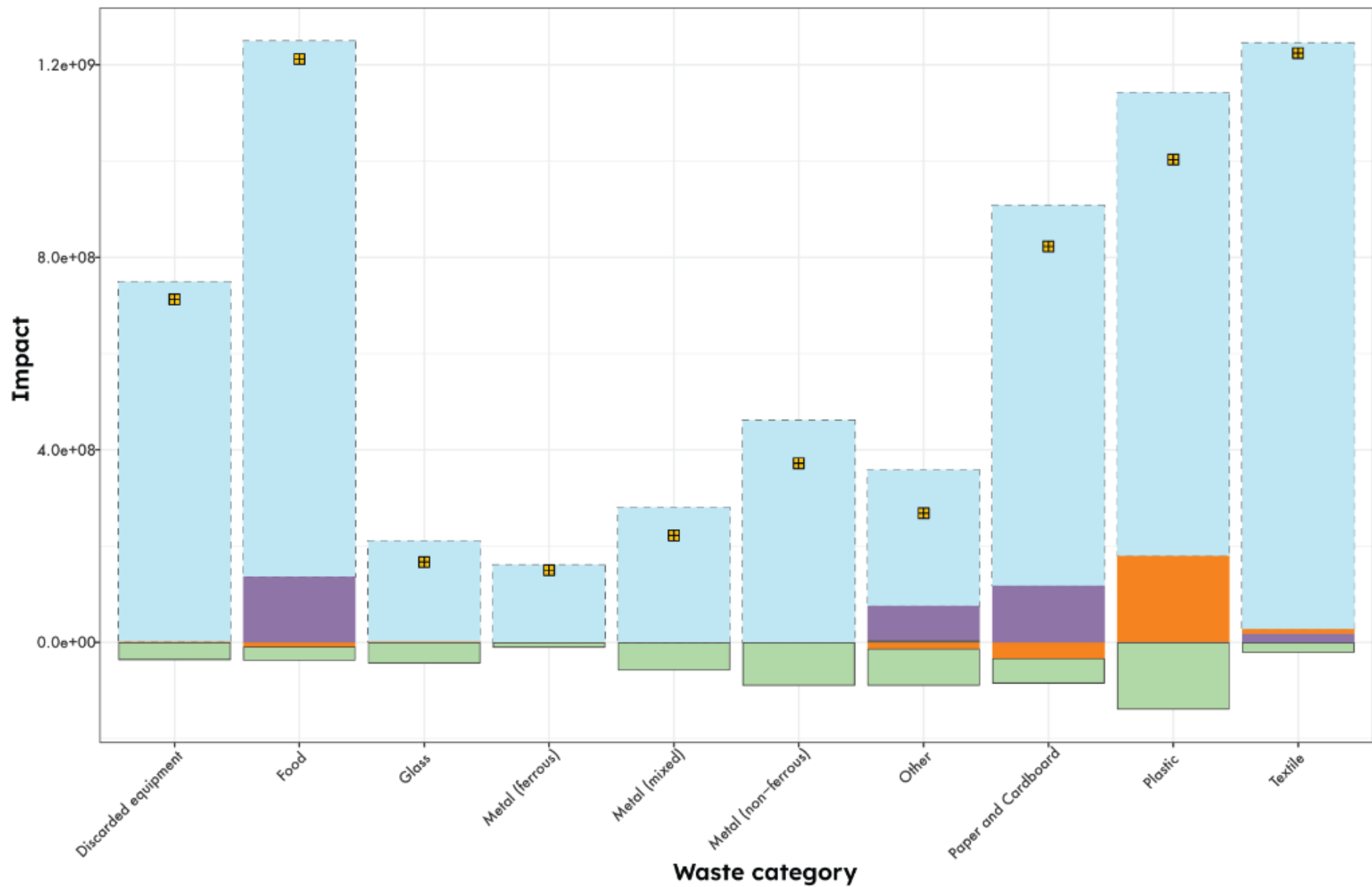


# Why CMI?



# What is CMI?





# How we did CMI

- Data (e.g.)
  - Waste types at different stages
  - Waste composition (especially residual)
  - Energy from waste efficiencies
  - Transport
  - LCA database
- Limitations
  - Explicit modelling of some aspects not included (e.g., export of waste)
  - Assumptions/Scottish data used in places





# What's next... beyond carbon

SWEFT → Six headline environmental impact categories:



Climate change



Mineral resource scarcity



Biodiversity loss



Water consumption



Air pollution



Land use change

