



Will Scotland's targets  
deliver net zero?



# **Ray Georgeson MBE**

Head of Resource Management & Recycling  
Zero Waste Scotland



# John Ferguson

Resource Management Association Scotland  
(RMAS)

# Scottish Resources Conference 2021

## Will Scotland's Targets Deliver Net Zero?

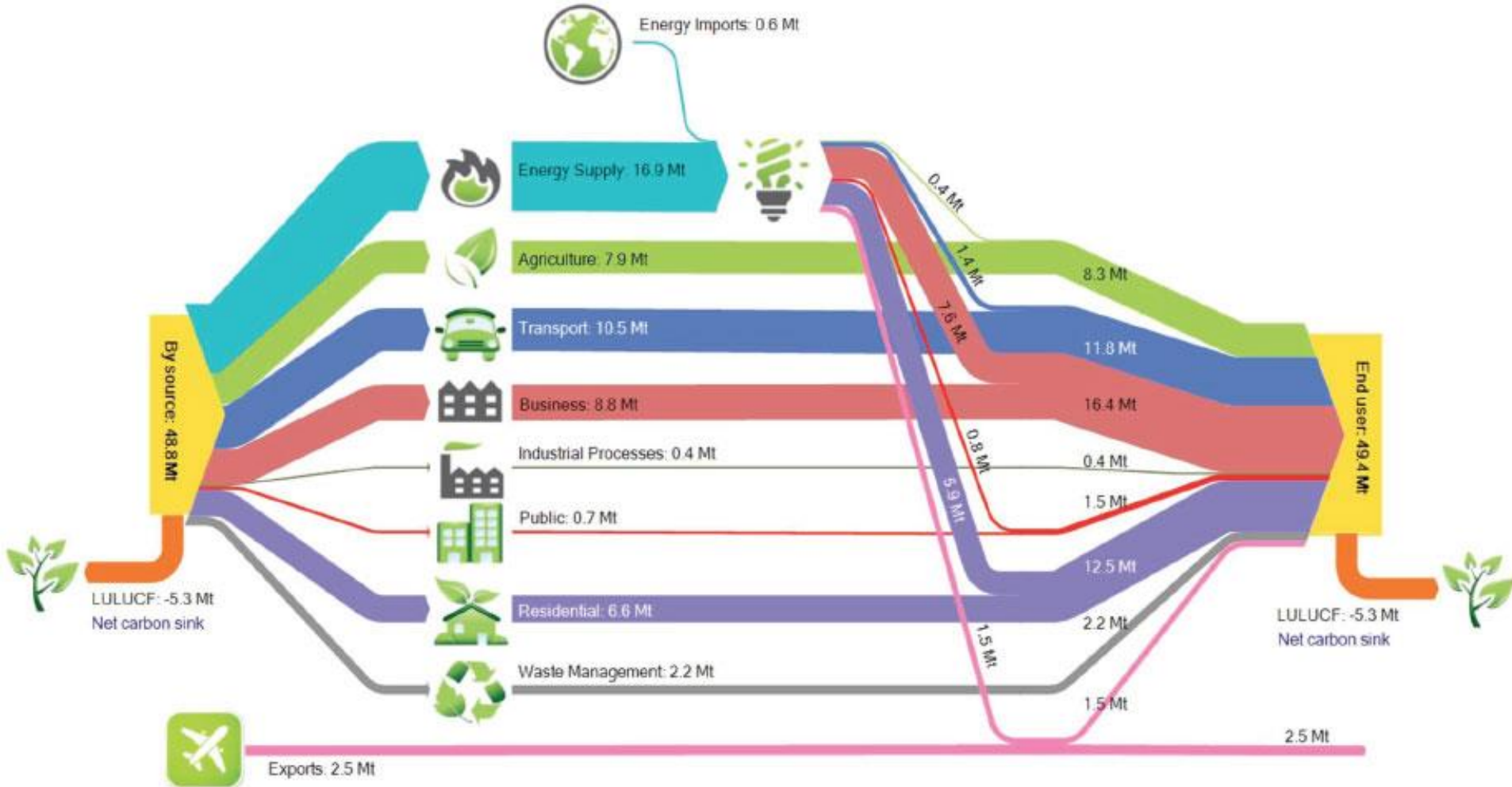
Wednesday 8<sup>th</sup> September 2021

11:30 – 13:00

## Overview

- Targets and Route Map
- What does good delivery look like?
- What do we need to focus on to deliver Net Zero?

## Commitment to Zero Carbon



## Targets

- Minimum of 70% recycling of all waste by 2025
- Minimum of 60% recycling of household waste by 2020, progressing towards 65% municipal waste target by 2035 in line with EU targets.
- 33% reduction of food waste, against a 2013 baseline, by 2025
- 15% reduction of all waste, against a 2011 baseline, by 2025
- Maximum 5% of all waste to landfill and biodegradable landfill ban by 2025
- Reduce emissions in the sector from 1.9 megatonnes to 1.2mt (2025 - <37%) and 0.8mt (2030 - <58%)

Targets +

Something to aim at!

Targets -

Doesn't necessarily give you a bow and arrow and a good eye!

..... *The Answer to the Question however is a conditional YES....!*

## Commentary on Delivery...

- Fragmented across sectors (Public/Private/NFP) and within sectors too....
- Still quite siloed in Government
- Rich in skills sets across all sectors but poor at connecting them into a unified force to think, partner and deliver TOGETHER!
- Good at policy and targets but poor at delivering system, behaviour and infrastructure change. *We don't really do delivery strategy.....!*
- And sometimes we lose our way on good evidence based policy.



The need for rapid transitioning:

We really really must speed things up!

How?



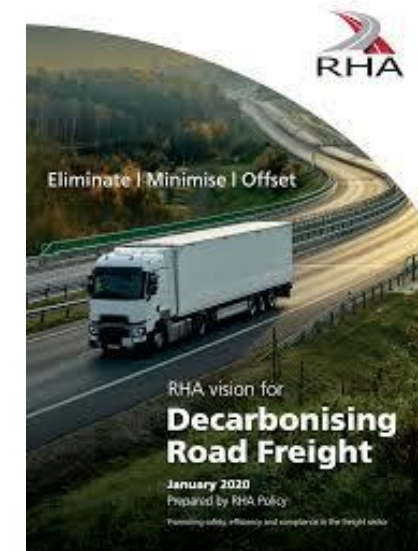
## Systems Support for Net Zero Transition

- The Scottish Government / ZWS Route Map: A very welcome starting point:
  - Needs a closer focus on high emission systems
  - Treatment – we need to decarbonise EfW not ban it
  - Innovation in Plastics Recycling
  - Carbon metric for materials/recyclates
  - EPR / DRS all good but more carrots/sticks and transition support
  - Planning System – NPF4 opportunity but planning is a problem – integrated wide spatial planning for strategic facility networks not a free for all
  - Procurement!!!
  - Post Covid Recovery + Clean Growth + Climate an inter connected threat and imperative opportunity
  - BEHAVIOUR CHANGE
  - SECTOR PLANNING
  - A MANDATED STRATEGIC OVERSIGHT GROUP

## A Resource Sector Plan for Net Zero....

.....integrating across  
other industrial  
sectors.

....this really needs  
Government enabling  
support



## Summary

### Net Zero Needs an Unprecedented Level of Strategic Delivery:

1. Policy clarity and good (SMART) targets
2. Cross Sectoral Integration of Actors
3. Cross-sectoral Skills Identification and Deployment = Knowledge Capacity
4. Co-creative thinking to set a Delivery Strategy with:
  - Clear roles
  - Government as an enabler
  - A route map
  - A monitoring and reporting plan
  - Interjection points to assess and change direction
  - Speed and Momentum – Let's Get Going!
  - Expert Mandated Oversight and Steerage

**Thankyou! 😊**

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**Nicki Souter [nicki@nickisouterassociates.co.uk](mailto:nicki@nickisouterassociates.co.uk)**



# **Michael Cook**

Chief Executive Officer  
Community Resources Network Scotland



**Net Zero**

**Will Scotland Deliver?**



**Michael Cook  
Community Resources  
Network Scotland**

# Introduction to CRNS



Supported by

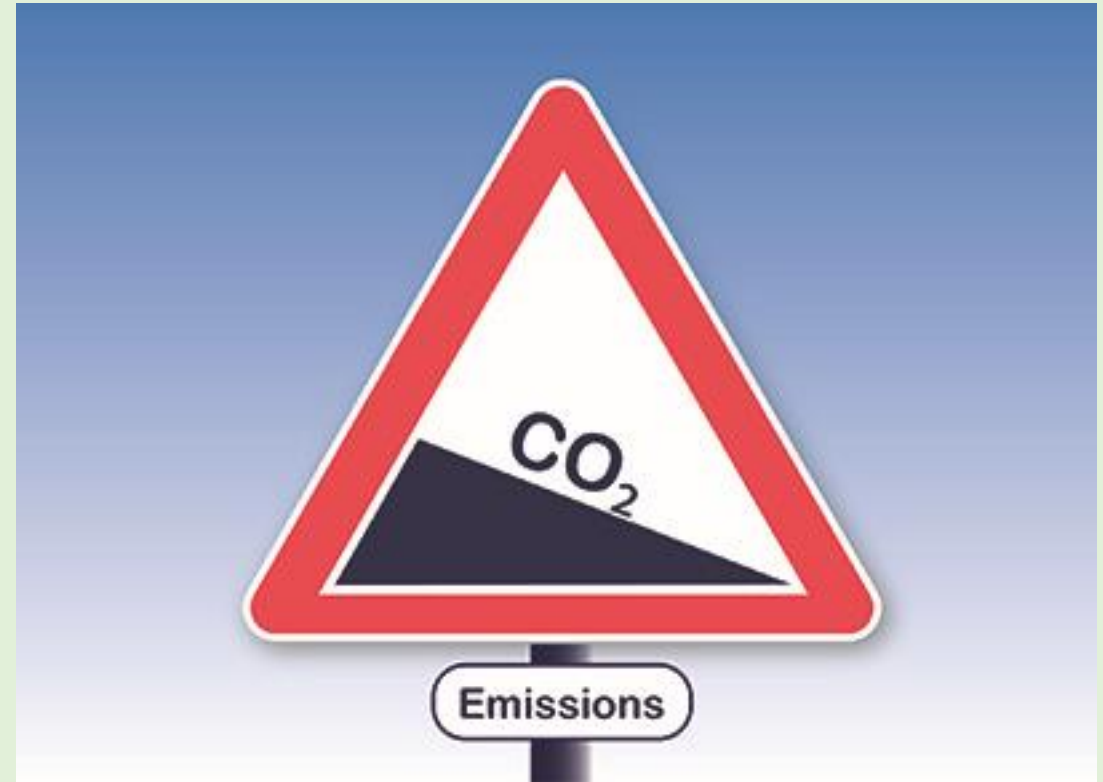






1. Where are we going? The **DESTINATION**
2. Where are we now? Check **DETAILS**
3. What course must we follow? The **DIRECTION**
4. Any Hazards along the route? The **DANGERS**

Where are we going?





The Scottish Government has  
proposed a legally binding target  
of net-zero greenhouse gas  
emissions by

**2045**

at the latest



Where are we now?

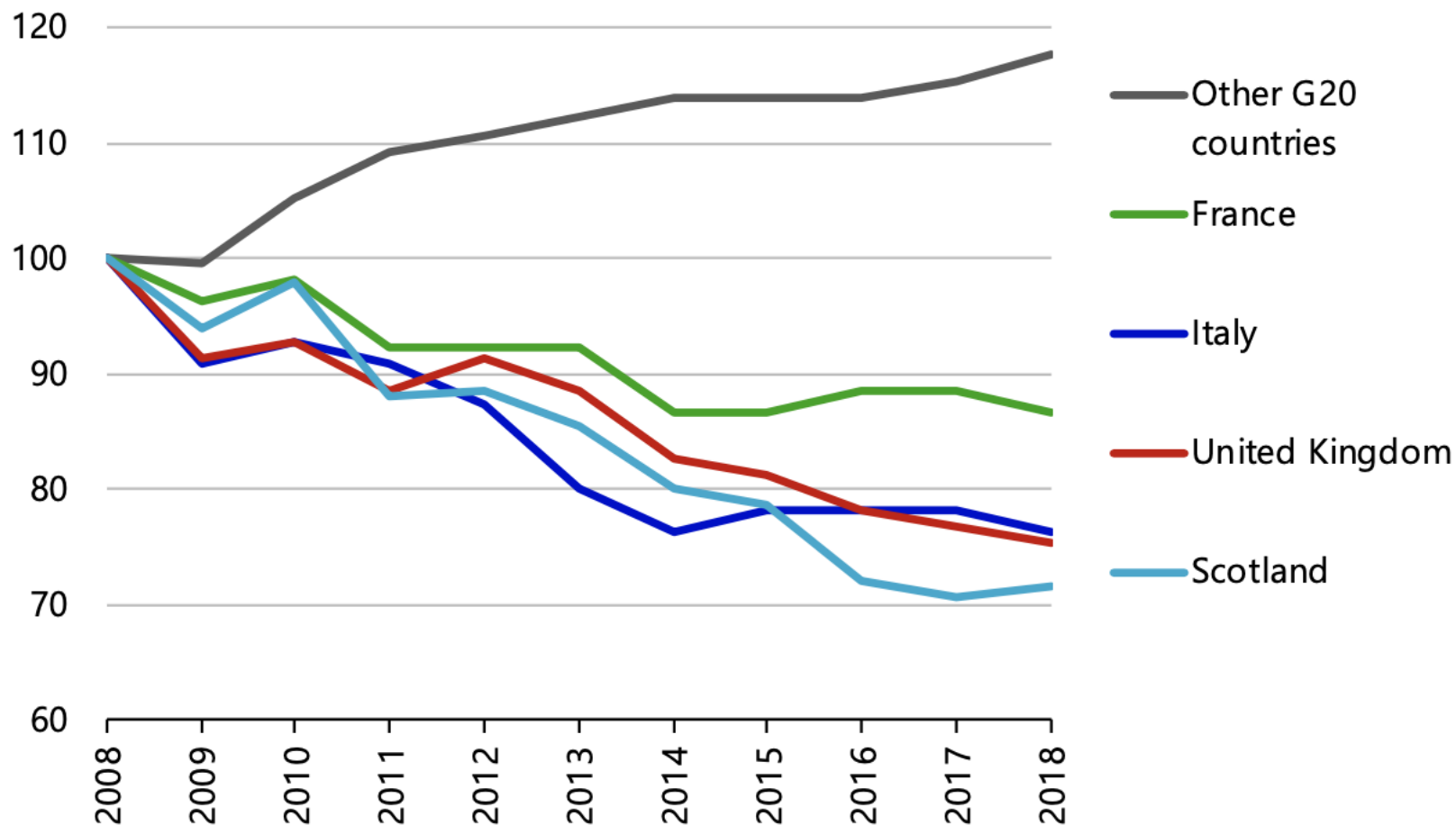


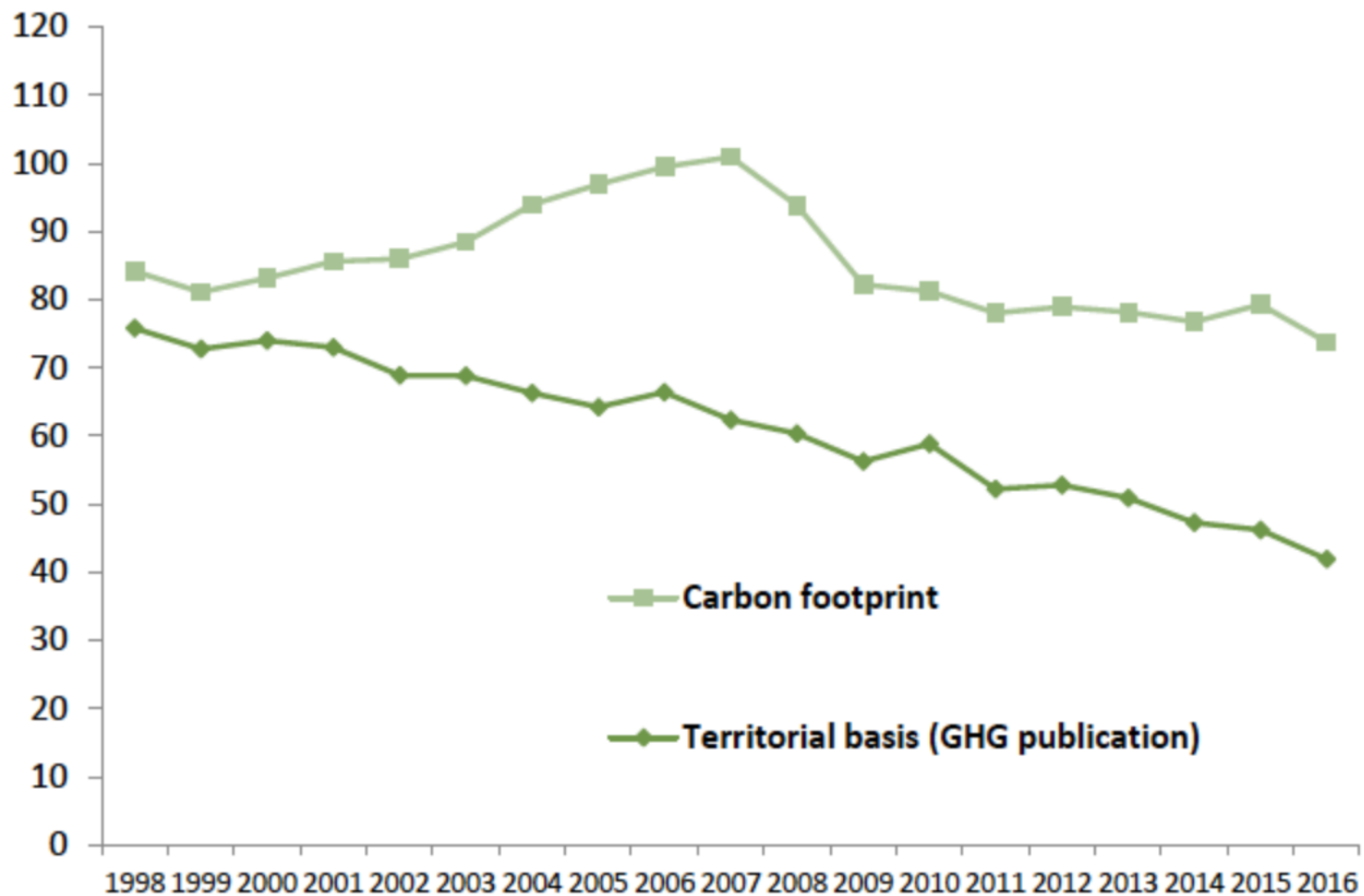




Reducing emissions in Scotland  
Progress Report to Parliament  
Committee on Climate Change  
October 2020

## Greenhouse gas emissions excluding LULUCF (2008 = 100)



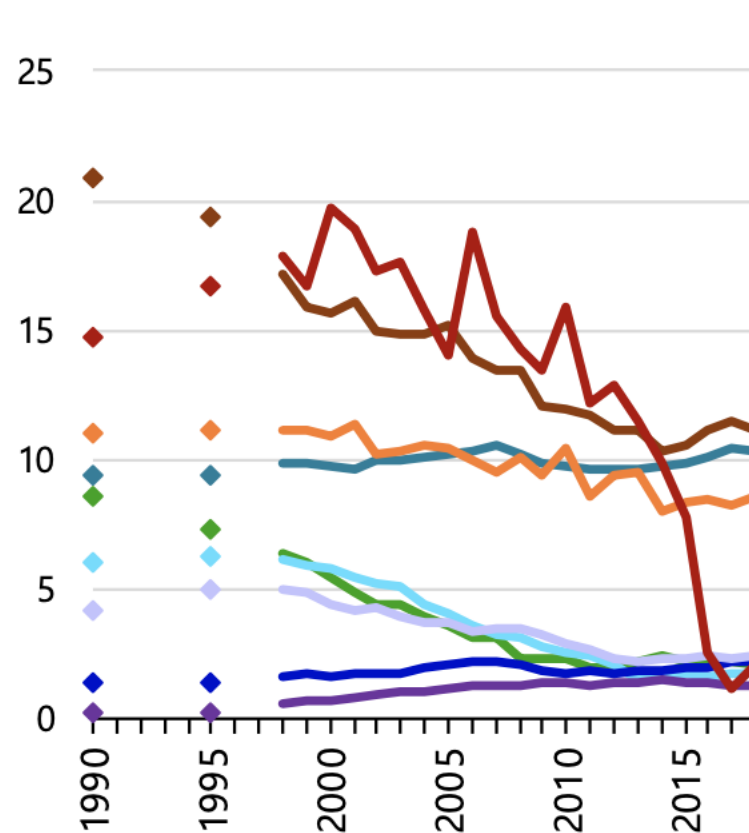


Scottish Government  
Riaghaltas na h-Alba  
gov.scot

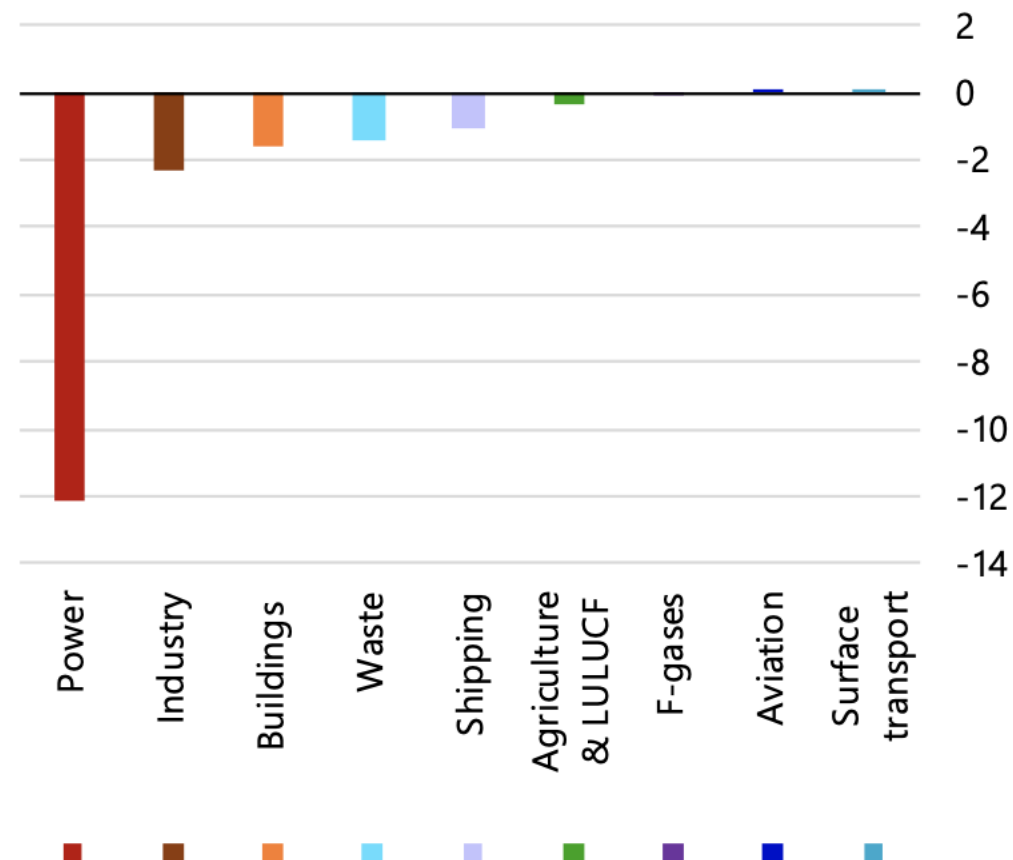


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**Emissions (MtCO<sub>2</sub>e)**



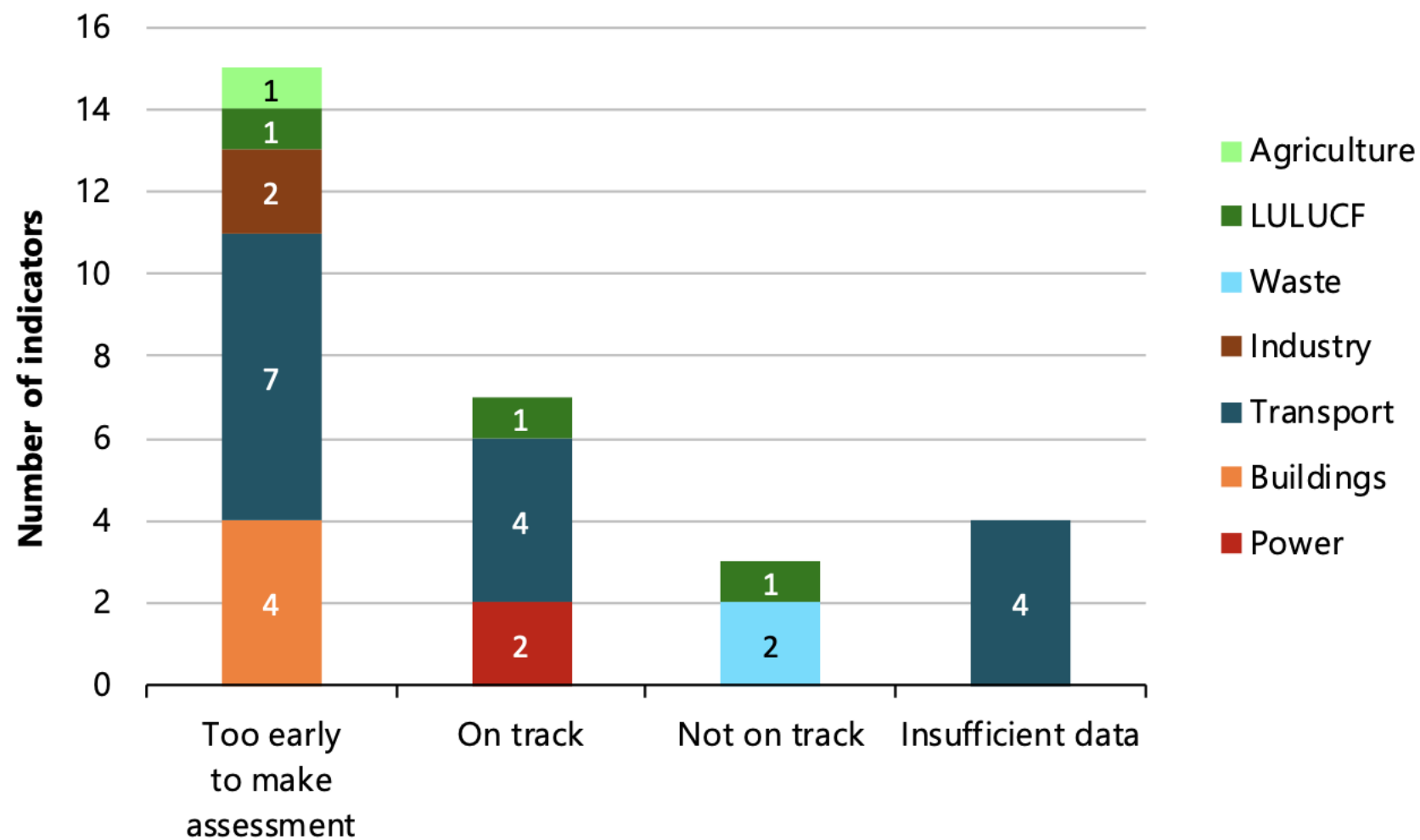
**Change in emissions 2008-2018 (MtCO<sub>2</sub>e)**



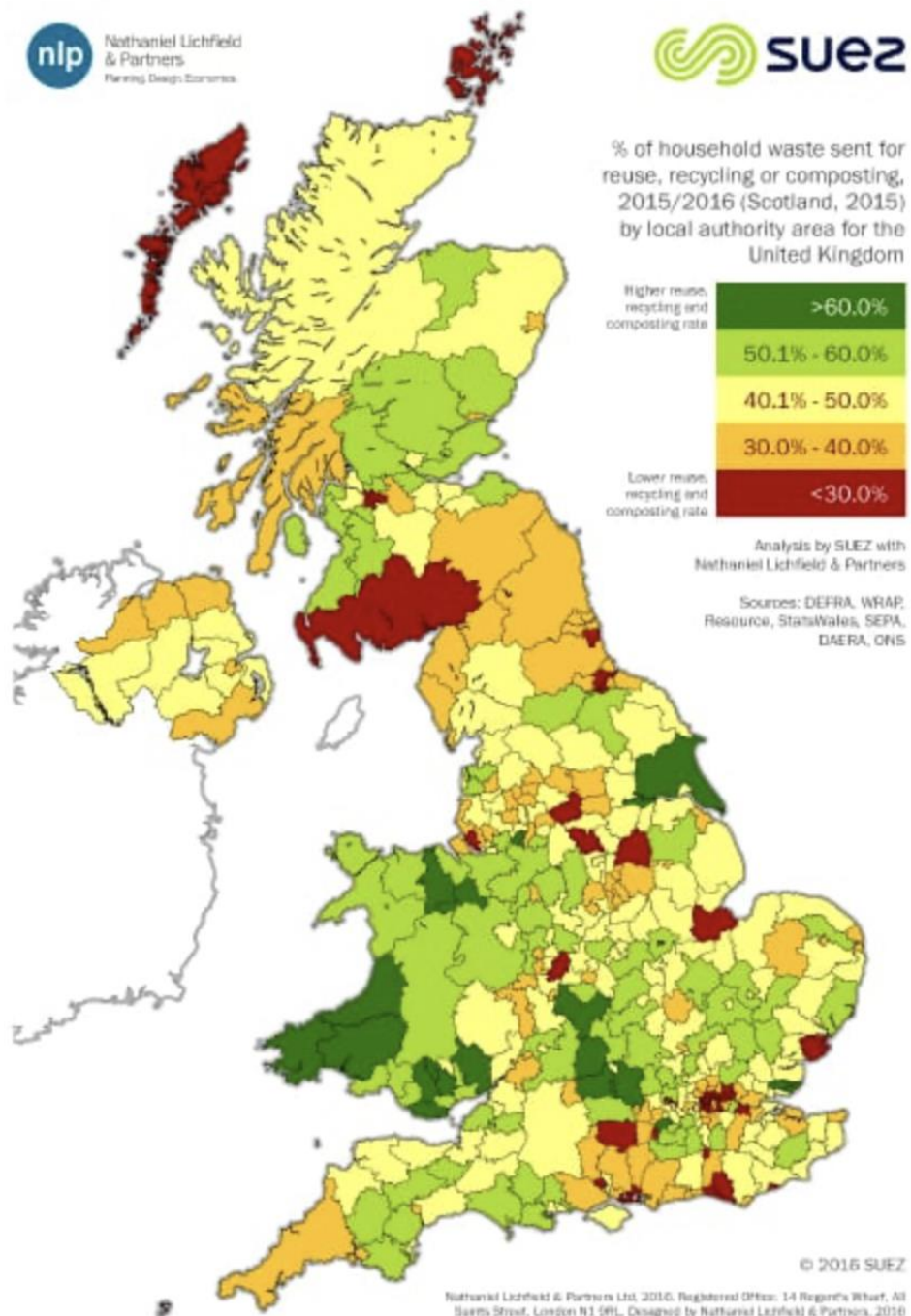




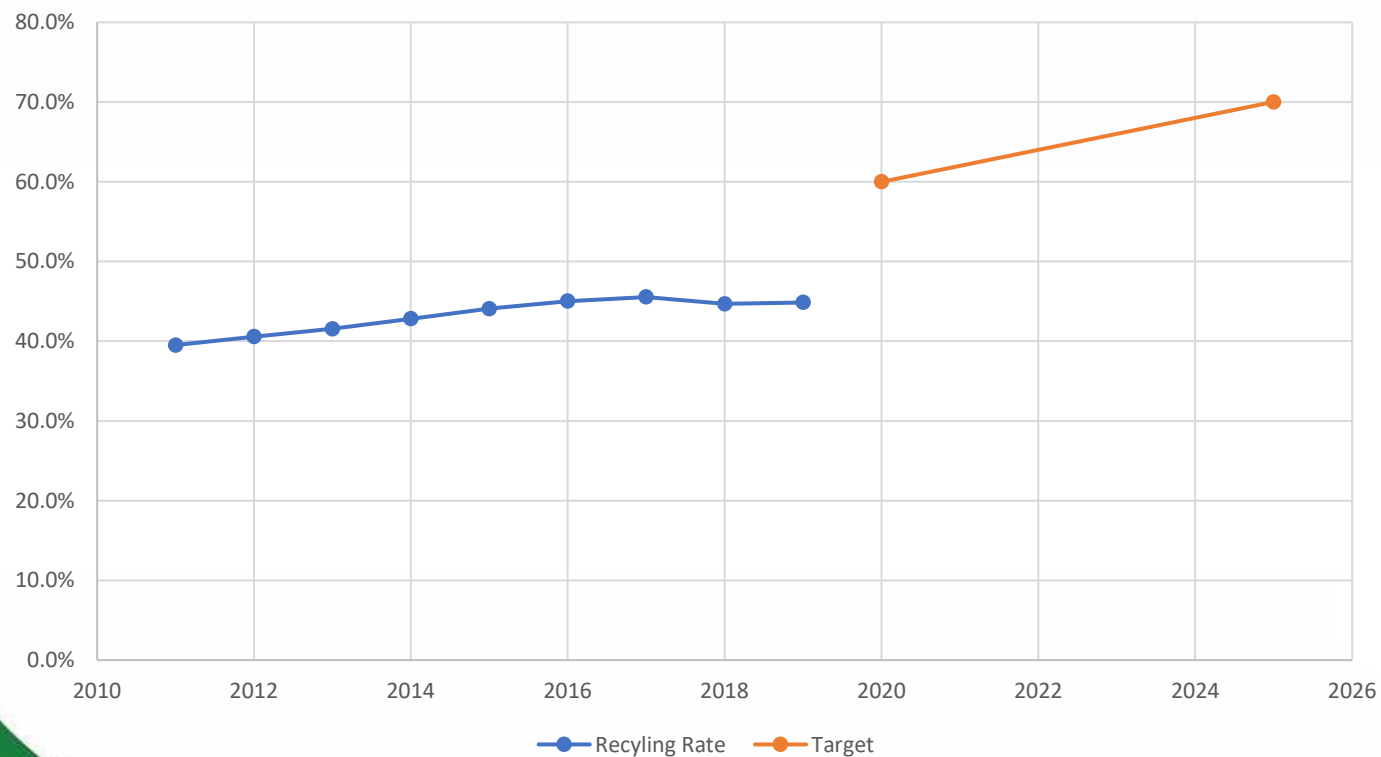
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Household Waste Recycling Rates (2011-2019) versus Target (2020-2025)



Based on stats  
reported by





What course must  
we follow?

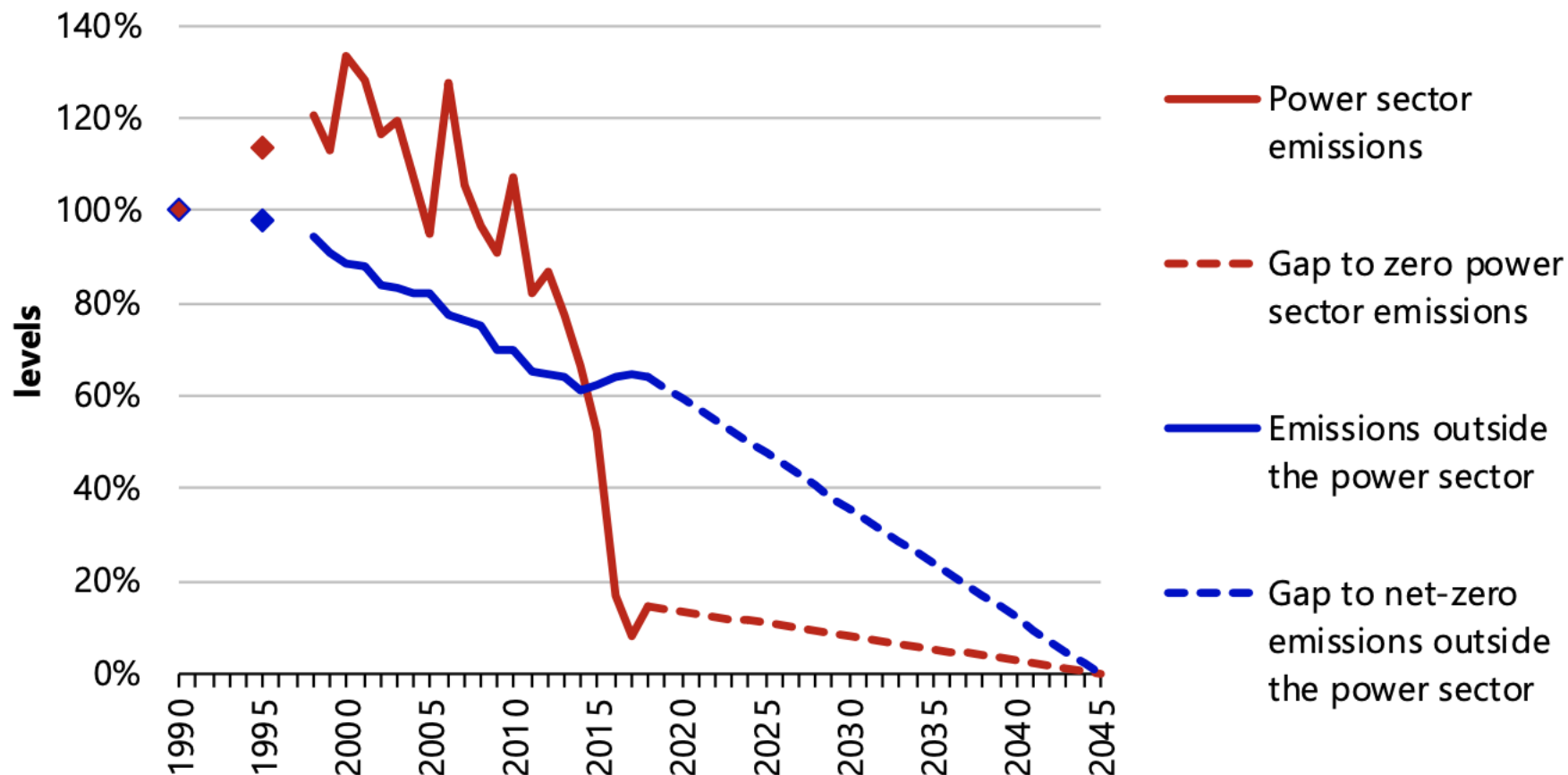




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Emissions as proportion of 1990







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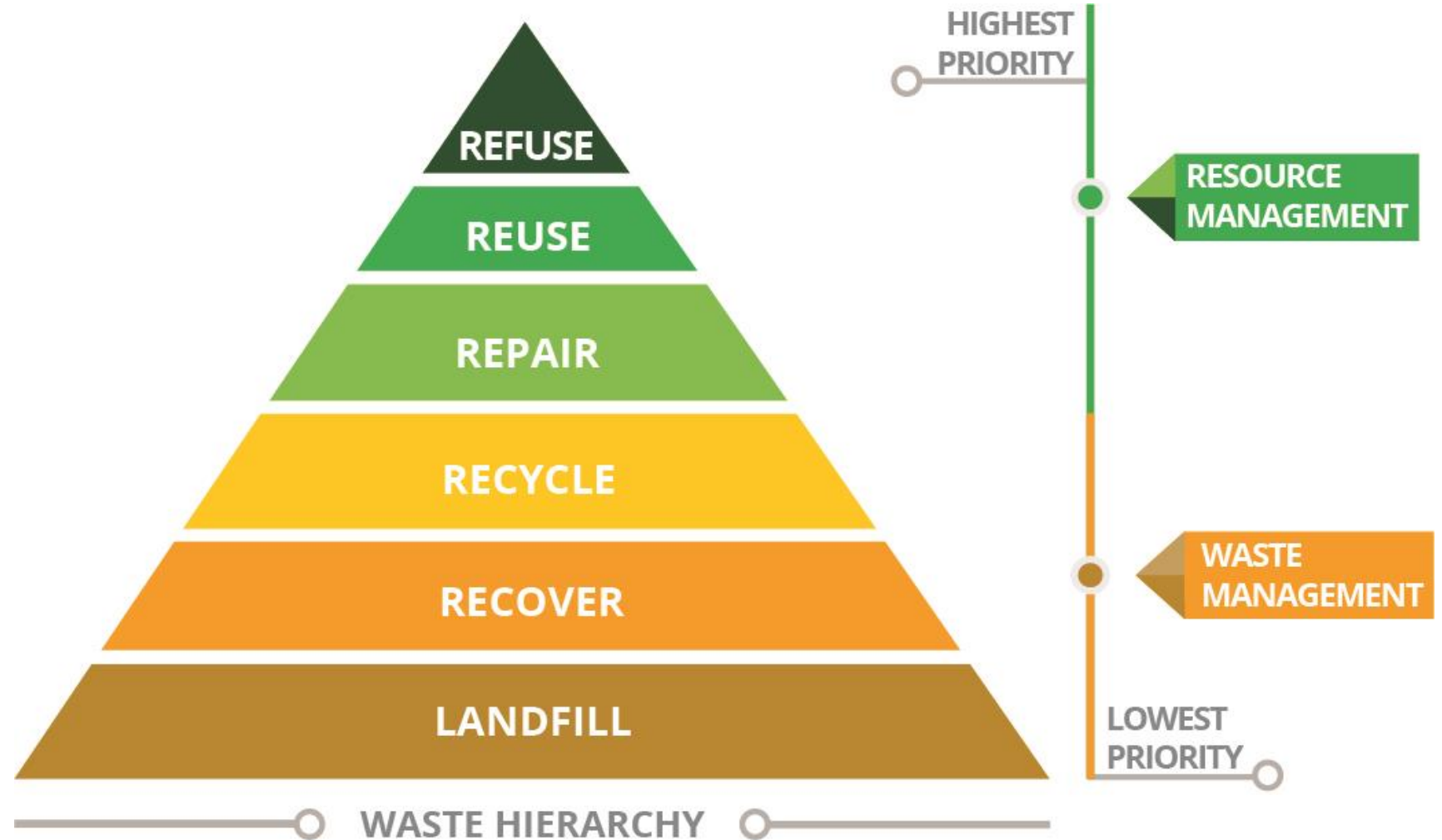
## Key Targets for 2025

- 15% reduction in waste generation
- 70% recycling rates
- BMW Landfill ban (+ non-municipal waste)
- CCS in EFW plants

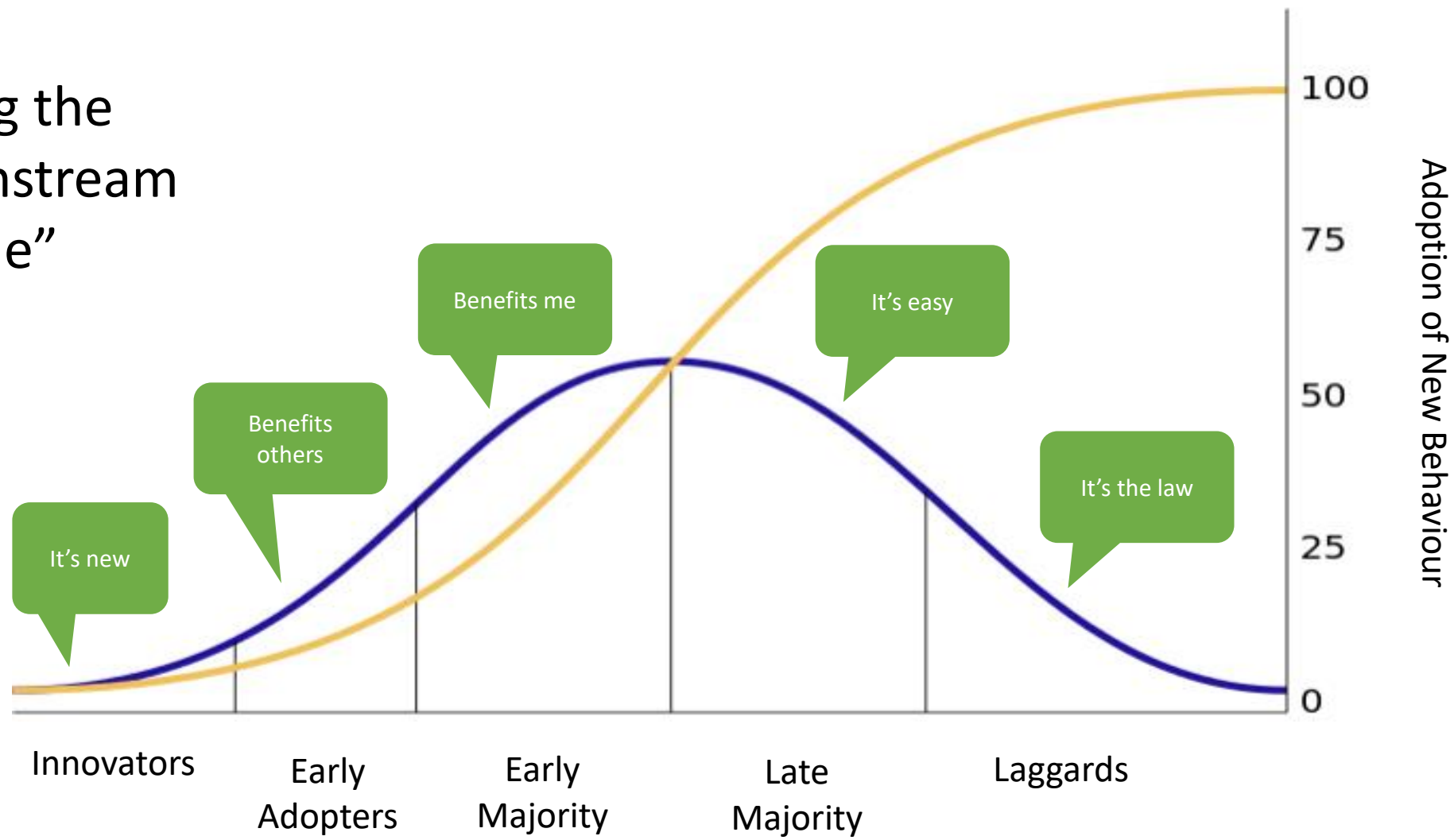
What are the  
Dangers on our route?



Top Down not  
Bottom up



Losing the  
"mainstream  
middle"







Thank you and I look forward to your questions

[michael@crns.org.uk](mailto:michael@crns.org.uk)

Michael Cook  
CEO, CRNS



# **Jon Molyneux**

Scottish Affairs Lead  
Fareshare





# Building a social movement to end food waste

**Jon Molyneux**  
Lead, FareShare Scotland

## FareShare turns an environmental problem into social good

### Our vision

No good food goes to waste

### Our mission

Maximise the social value of surplus food

# Food waste in the UK



Edible surplus food wasted at  
UK farms each year

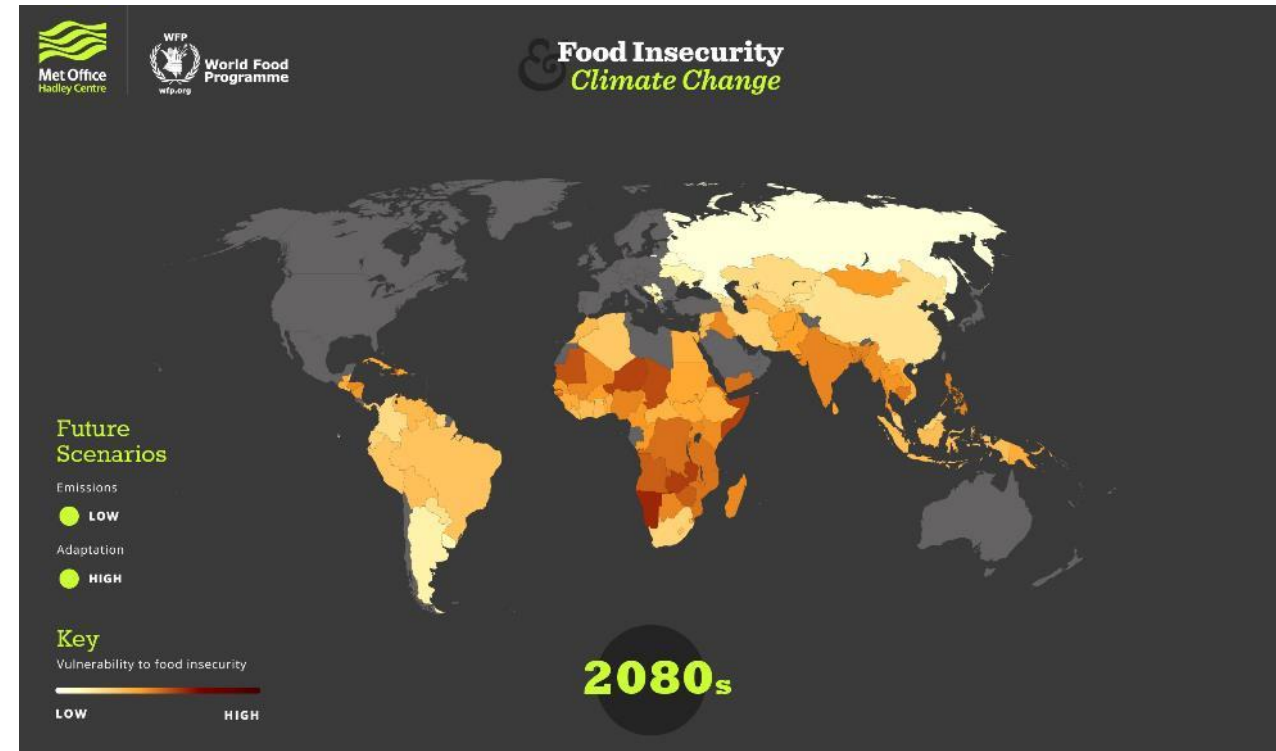
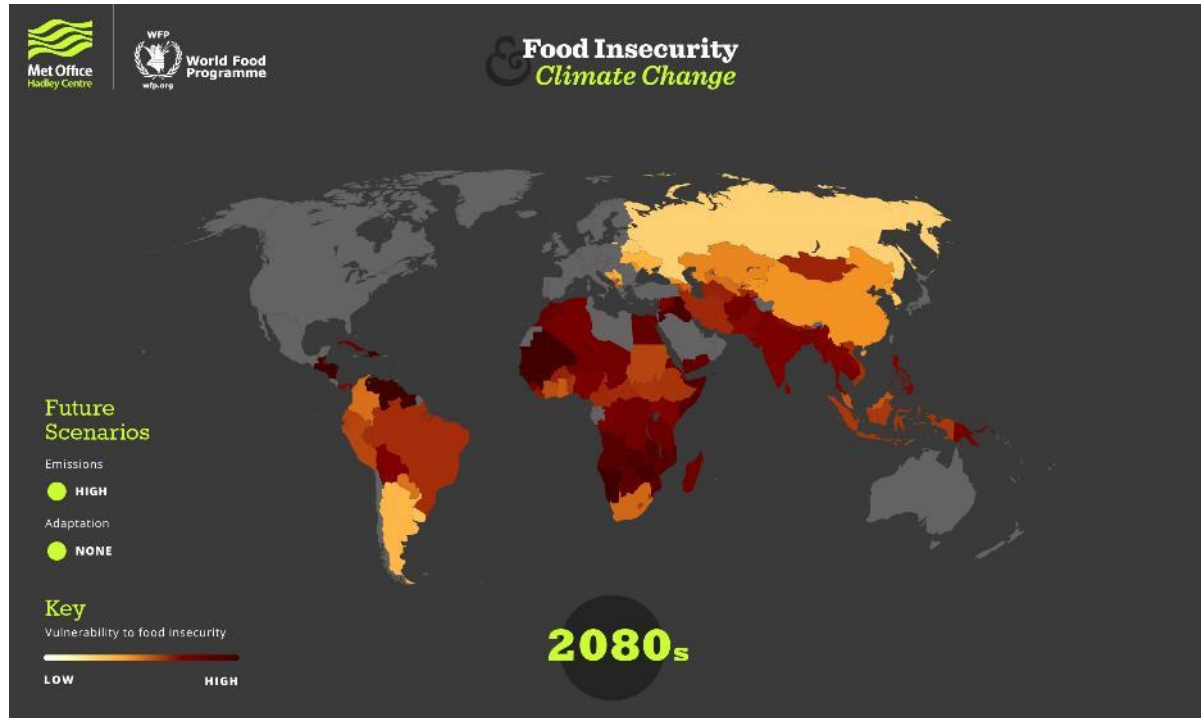


250,000 tonnes of  
additional surplus is  
wasted that has been  
processed, packaged  
and is ready to eat



FareShare  
manages c13% of  
the edible surplus  
food available

# Food and climate breakdown





# Building a social movement in Scotland



**3,596  
tonnes**

of surplus food  
redistributed



**60 food  
suppliers**

donating 1,374t of food



**751  
charities**

and community groups  
helped



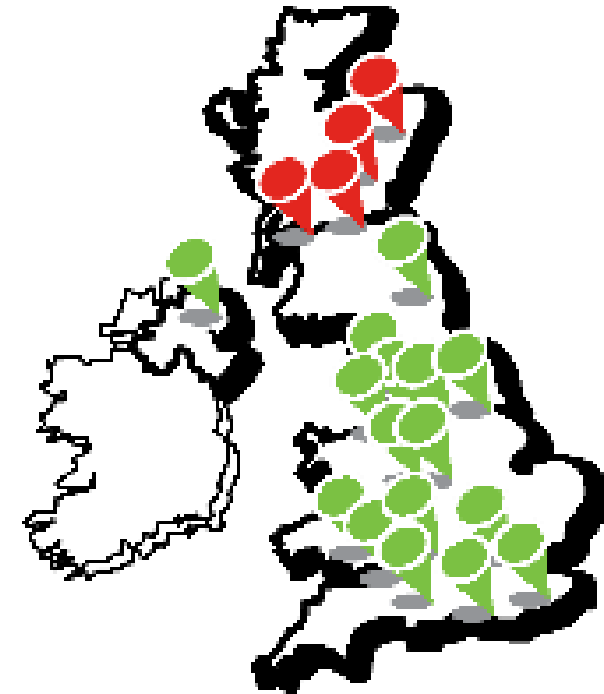
**100+  
volunteers**

Giving 1,000s of hours to  
fight food waste



**127,000  
people**

supported by our charity  
members



# Stepping up ambition





# *#FoodOnPlates*

**WASTING GOOD FOOD  
SHOULD NEVER BE CHEAPER  
THAN FEEDING PEOPLE.**

**TAKE ACTION NOW.**









**Lunch Break**  
**Be back at 2pm**



# Towards Net Zero: Maximising Circularity