

Sustainable food in Manchester

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An Associate Company of
Lancaster University

Tyndall[®]Centre[®]
for Climate Change Research

In partnership with the Tyndall Centre
for Climate Change Research

Context

- Complexity
- Uncertainty
- Imperfect knowledge
- Passion, expertise and action in Manchester
- Our intention is to provide
 - An overview the situation
 - A clear structured approach
 - An evidence based rationale for targeted action
 - Broad recommendations
- £20,000 Project

Our Process

1. Overview of the current situation
2. Establish a set of criteria for sustainable food decision making in Manchester
3. Shortlist of key food practices
4. Understand how practices can impact on the criteria
5. Looks at the key actors and their influence
6. Make broad recommendations.

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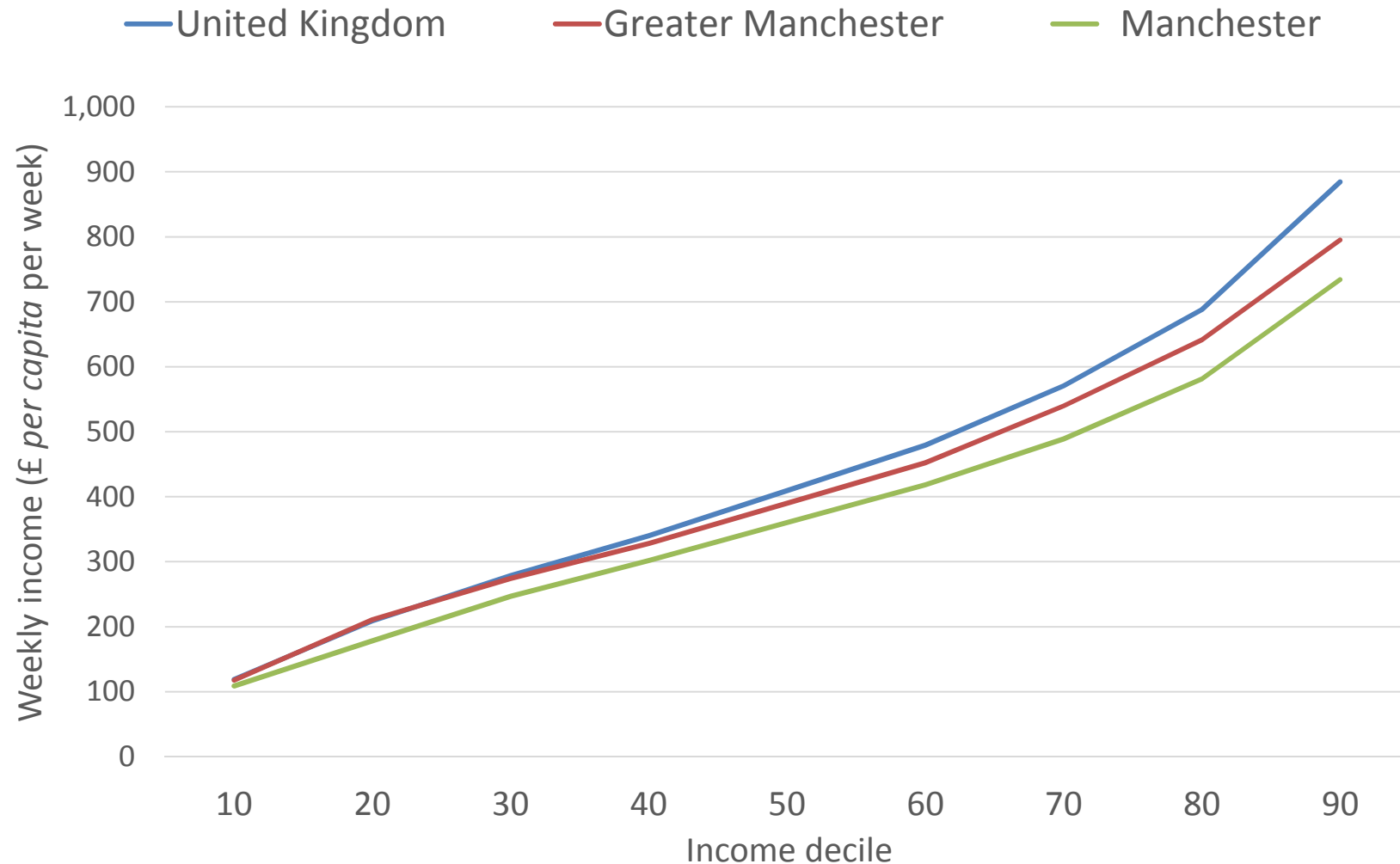
National trends

- Decreasing connection between consumers and food supply chains
- Shifts in the way food is valued; towards quantity and price
- 35% skipping breakfast
- More pre-prepared meals
- More take-aways
- Less 'from scratch' cooking

A few Manchester statistics

- Manchester City 4th most deprived district in England
- 45% of population within 10% most deprived nationally
- Food poverty increasing
- Diet-related health poor
 - ~half adult population overweight or obese
 - Coronary Vascular Disease accounted for ~30% of deaths in 2010 (significantly higher than average for England)
 - Food deserts – poor supply as well as poor demand

Comparison between the average weekly income in the City of Manchester, Greater Manchester and the UK



- Many sustainable food schemes
 - Often run by passionate knowledgeable people
 - Often involving volunteers
 - Often small
 - Often vulnerable - reliant on insecure funding
 - Often strongly committed to organic
- Overall impact small compared to the challenge

The two parts of Manchester's sustainable food agenda

1. Affordable, healthy diets for the less well off
2. Environmentally and socially sustainable food supply chains

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Sustainable food criteria

- Environment
- Health
- Building social capital
- Mitigating impacts of austerity
- Food security
- GVA and jobs

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Sustainable food Practices

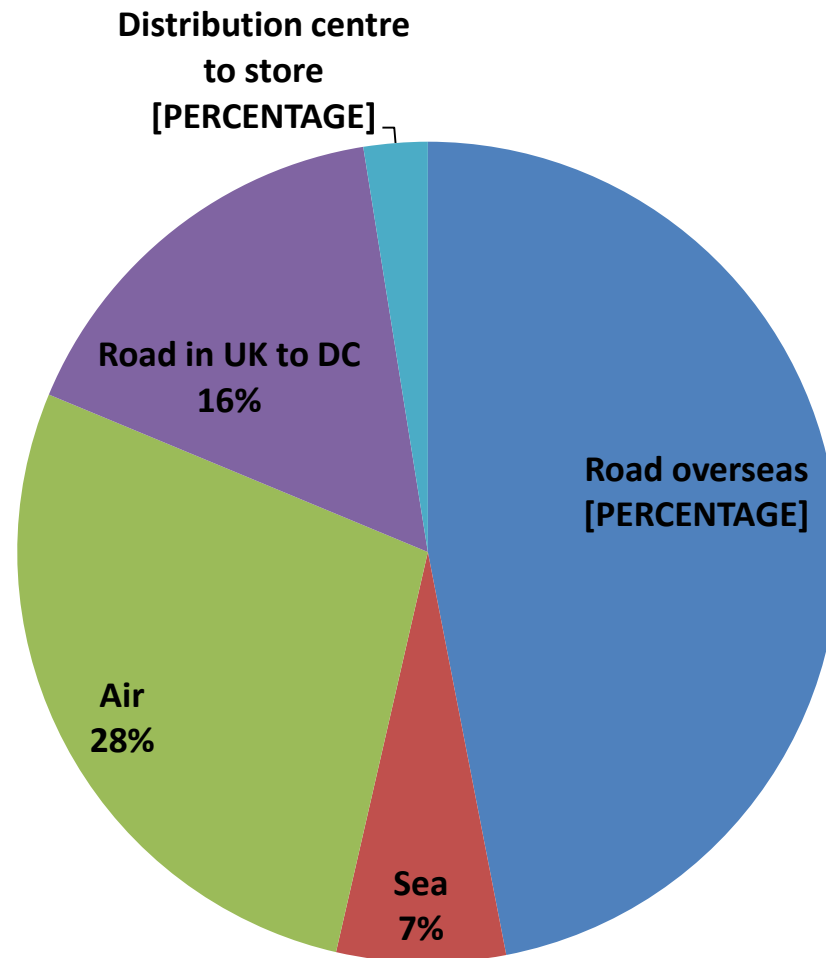
- Sustainable sourcing
 - Local production and consumption
 - Grow-your-own
 - Organic
 - Seasonal / no air freight
 - Fair Trade & sustainable fish stocks
- Waste reduction
 - At different points in the supply chain
- Sustainable diets
 - Less meat
 - Different meat
 - More fruit and veg
 - More cereals
 - Less sugar, salt and fat
 - Less dairy
- Minimising packaging

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Transport ~ 8% of the GHG footprint of Booths

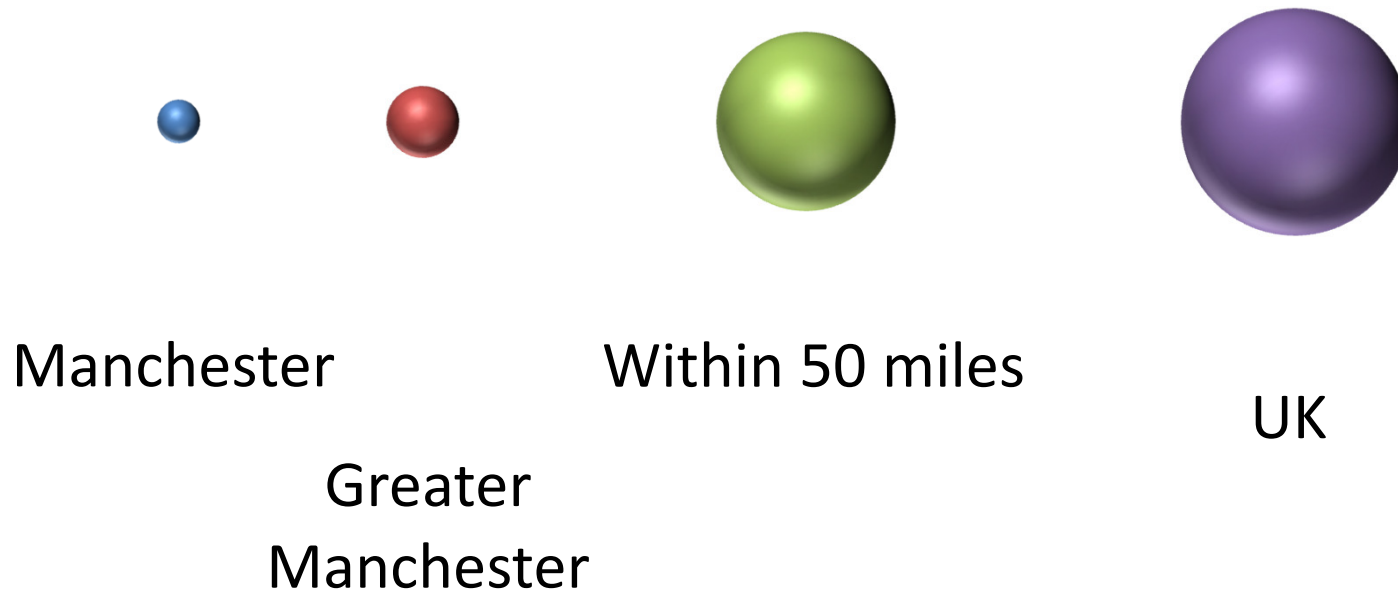


Land and population comparisons

	Manchester	Greater Manchester	50 mile radius	UK
Total land area (km ²)	116	1,280	14,697	243,610
Vegetated land (%)	55%	75%	90%	95%*
Total population (N°)	502,900	2,685,400	5,884,127	63,705,000
Vegetated land per person (m ²)	126	358	2,247	3,633
Vegetated land per person as a proportion of the UK's vegetated land per person	3%	10%	62%	100%

*Estimated

Vegetated land per person (m²)



The area within 50 miles of Manchester



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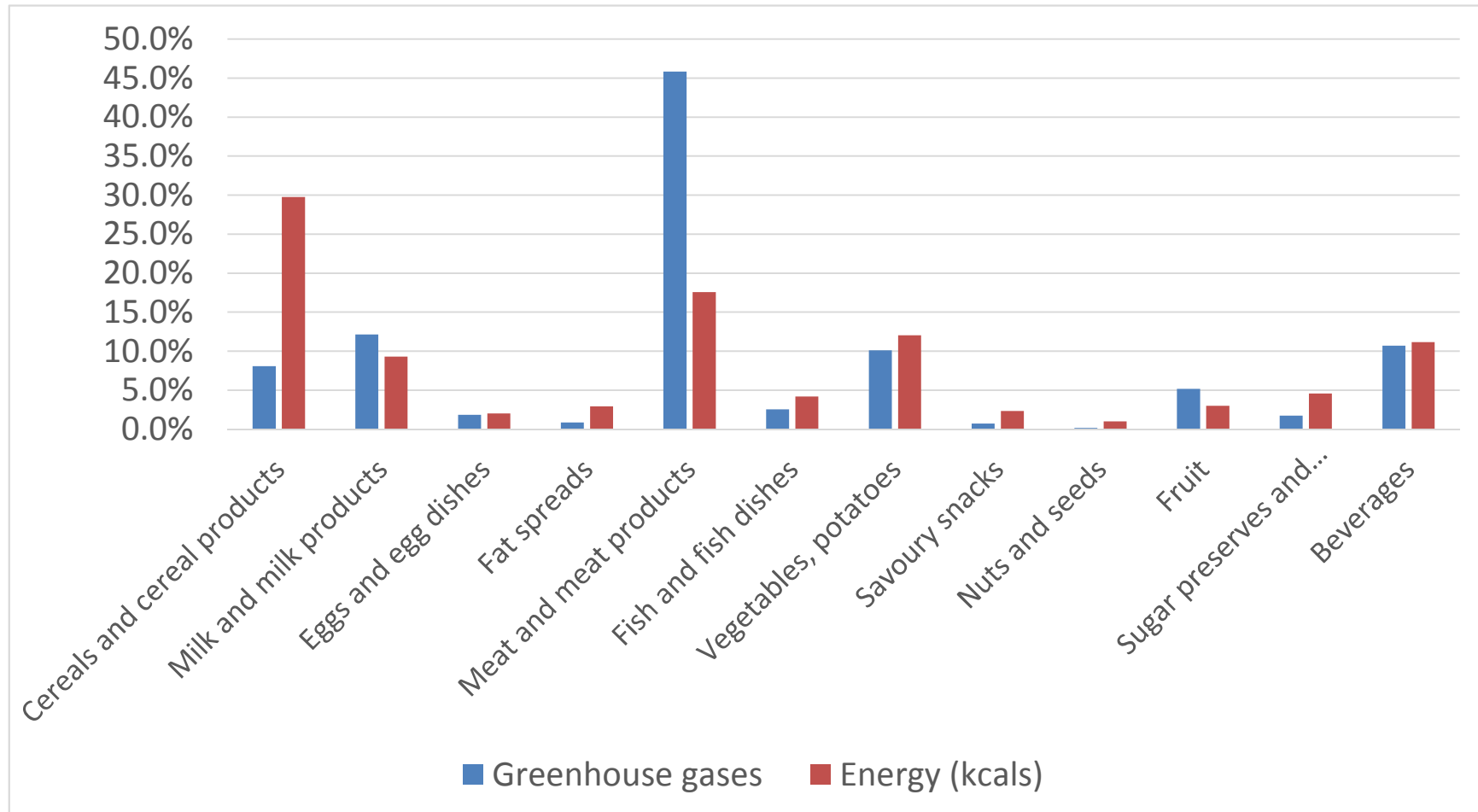
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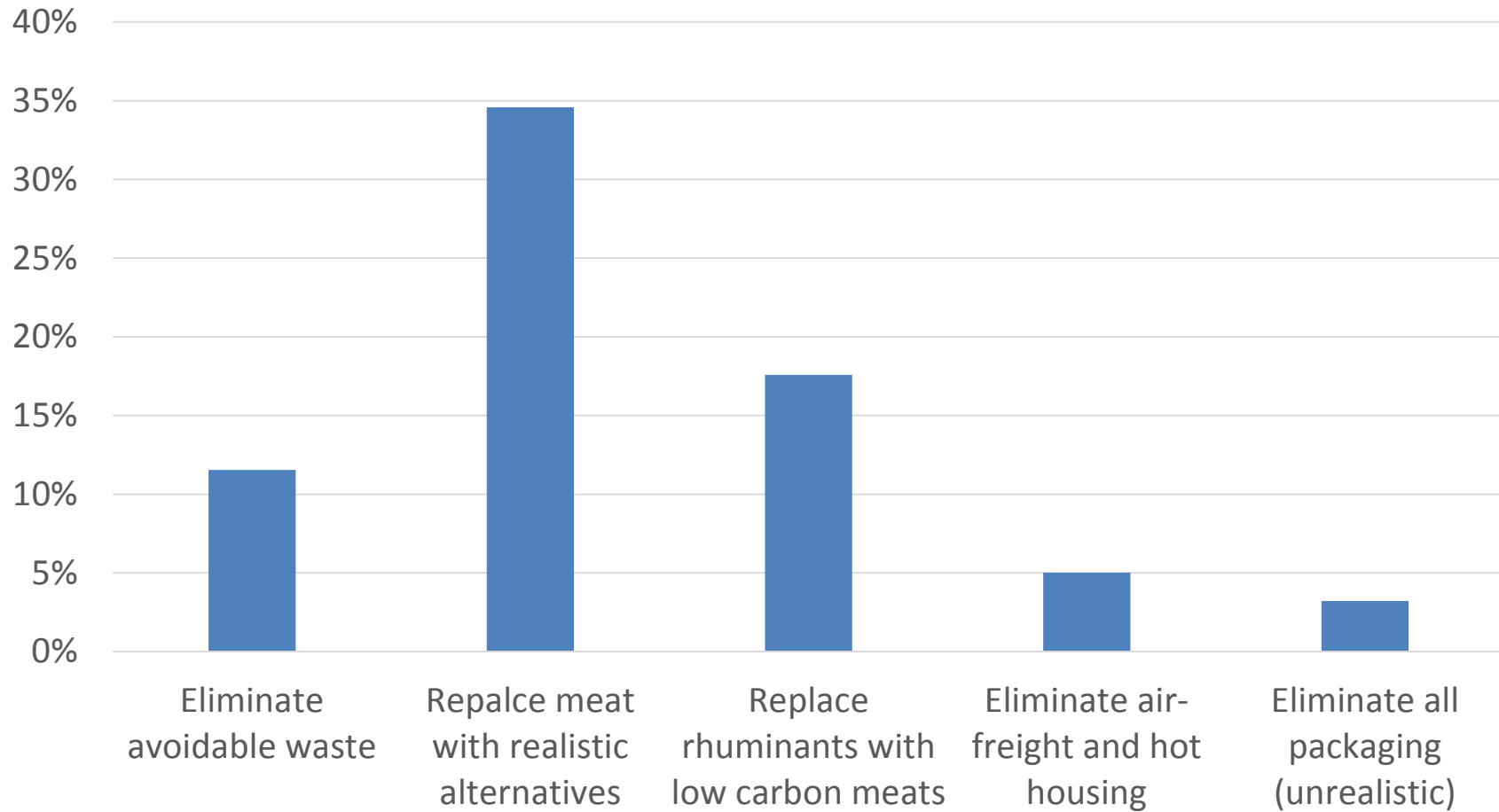
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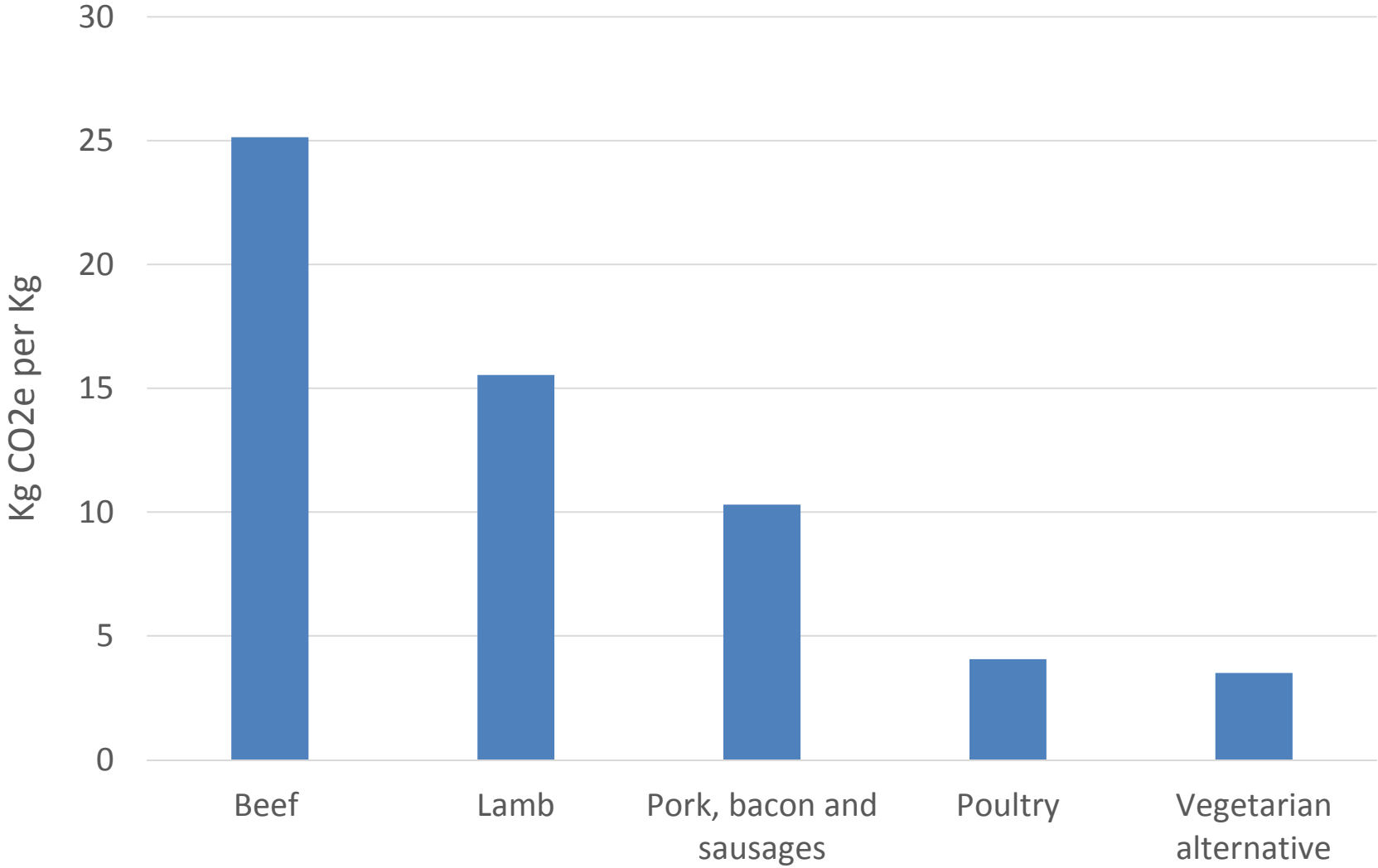
GHG emissions and calories in the average UK diet



Greenhouse gas savings from consumer food scenarios



Greenhouse gas footprint of meats at the supermarket checkout



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Who can bring about sustainable food practices?

- Manchester City Council departments
- Food Futures
- Community food groups
- Retailers
- Catering services
- Fast food outlets, restaurants, cafes and pubs
- Wholesalers
- Consumers
- Growers
- Manufacturers

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Recommendations

1. Support and value volunteers
2. Support community food initiatives
3. Education and skills in healthy and sustainable food
4. Trial healthy, sustainable fast food outlets
5. Support existing sustainable food enterprises in nurturing similar initiatives
6. Support public sector catering services in providing healthy diets, sustainably sourced
7. Support the expansion of schemes that divert food from waste to people in need
8. Metrics: measure progress by monitoring impacts of schemes
9. Leadership and governance
10. Lobbying and influencing national policy

Thank you for listening

Any questions?

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