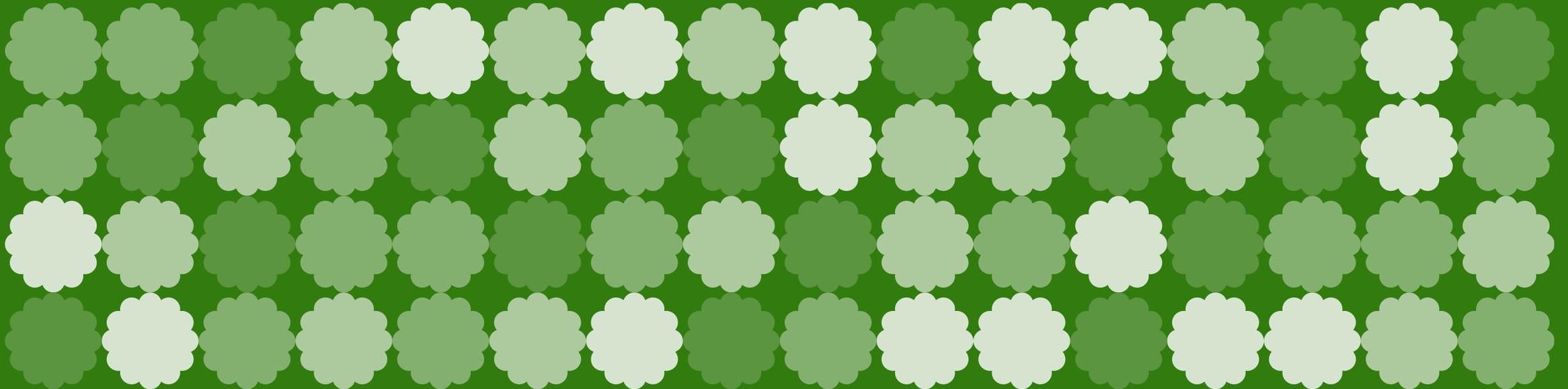


Five Year Environment Plan

Item 8

**Green Summit, behaviour insights,
overview and timeline, emissions pathway**



GREATER MANCHESTER

DOING THINGS DIFFERENTLY FOR THE ENVIRONMENT

**1000+ delegates
and 2000+
online viewers**



making Green Summit 2023 the
busiest and most collaborative yet.

**Over 80
speakers and
21 sessions**



covering where we are
now, where we need to
be and how we might
get there.

#GMGreenSummit 2023 in numbers...

**70+
exhibitors**



sharing ideas and
solutions to help
accelerate change.

**100+ young
people from
schools and
colleges**

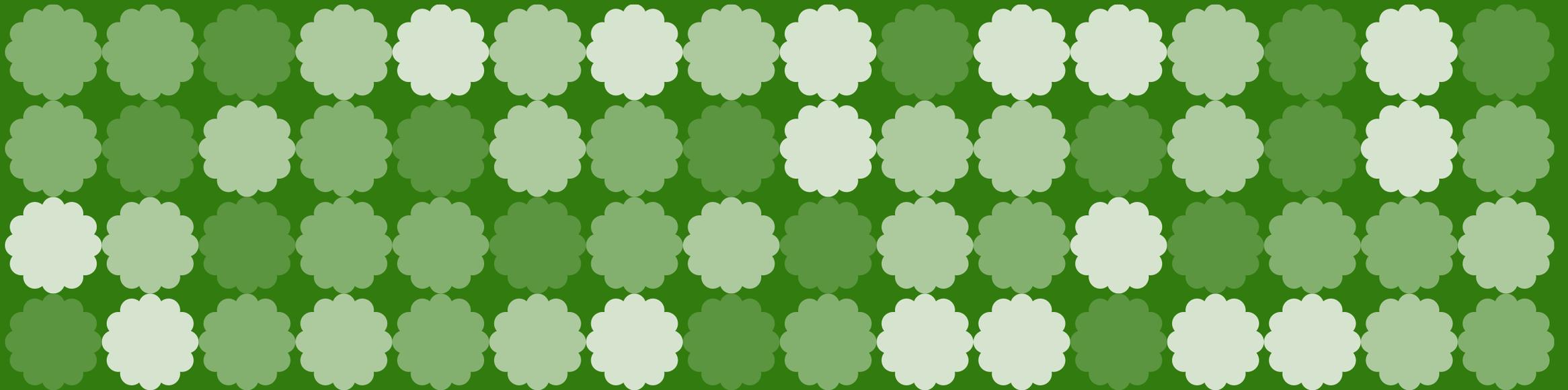


offering fresh perspectives
on how to tackle the
challenges facing us.

Climate Emergency: perceptions & behaviours in GM



Summary of joint GMCA/TfGM survey
conducted by



Methodology

Quantitative

- Public First carried out an online poll of Greater Manchester residents aged 18 and over
- The polling was carried out from the 24th June – 3rd July 2023
- The total sample reached was 1,547
- Results were weighted to be representative of the Greater Manchester population on age, gender and district

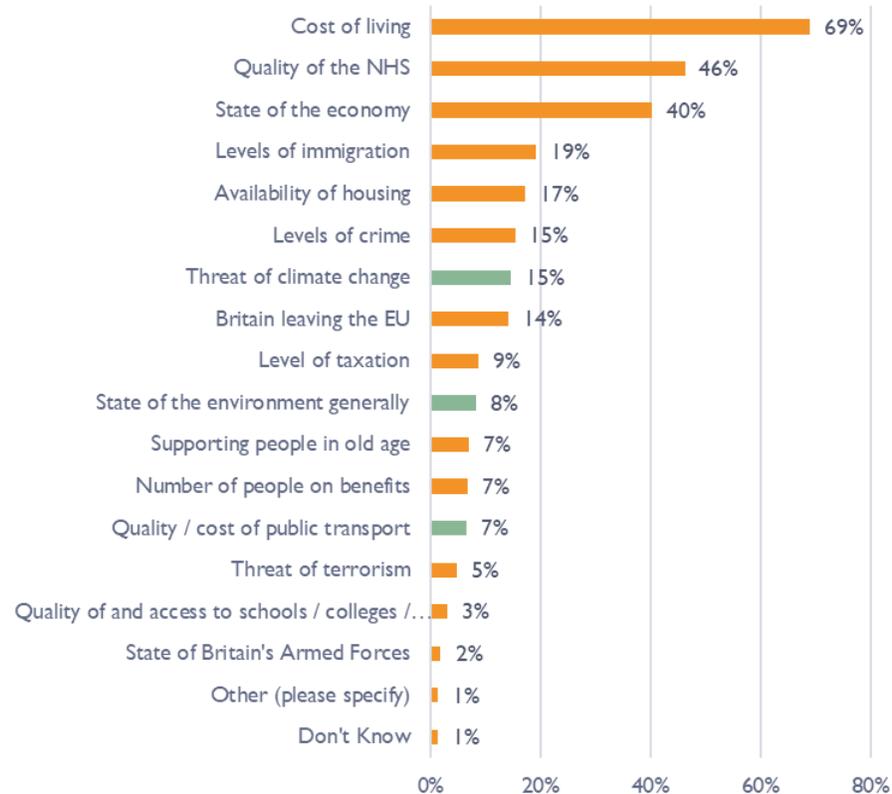
Qualitative

- Public First carried out eight depth interviews with digitally-excluded individuals and two focus groups. These were a spread of people from the Greater Manchester area.
- **2 x Focus groups** of 8 people on 10 May 2023
- **8 x Digitally-excluded interviews** between 5 and 9 June 2023
- Digitally excluded individuals are harder for the poll and focus groups to capture in their results, which is why it was important to speak to have these additional interviews

Greater Manchester residents are concerned about climate change, but are more concerned about other issues

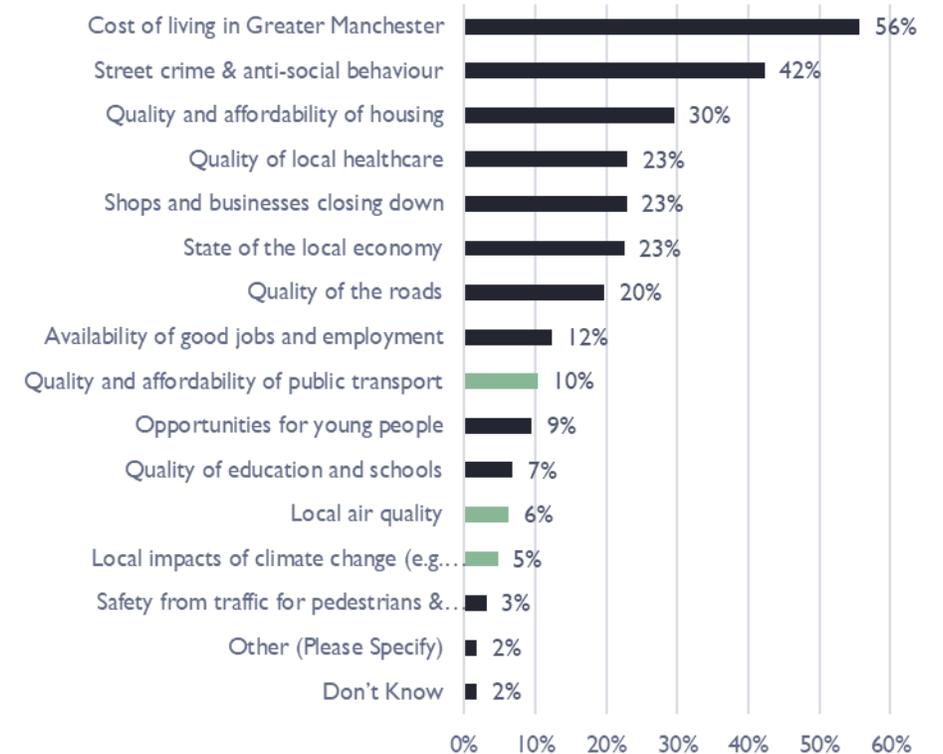
National Issues

Which of the following issues do you think are the most important facing the country at the moment? Select up to three of the following



Local Issues

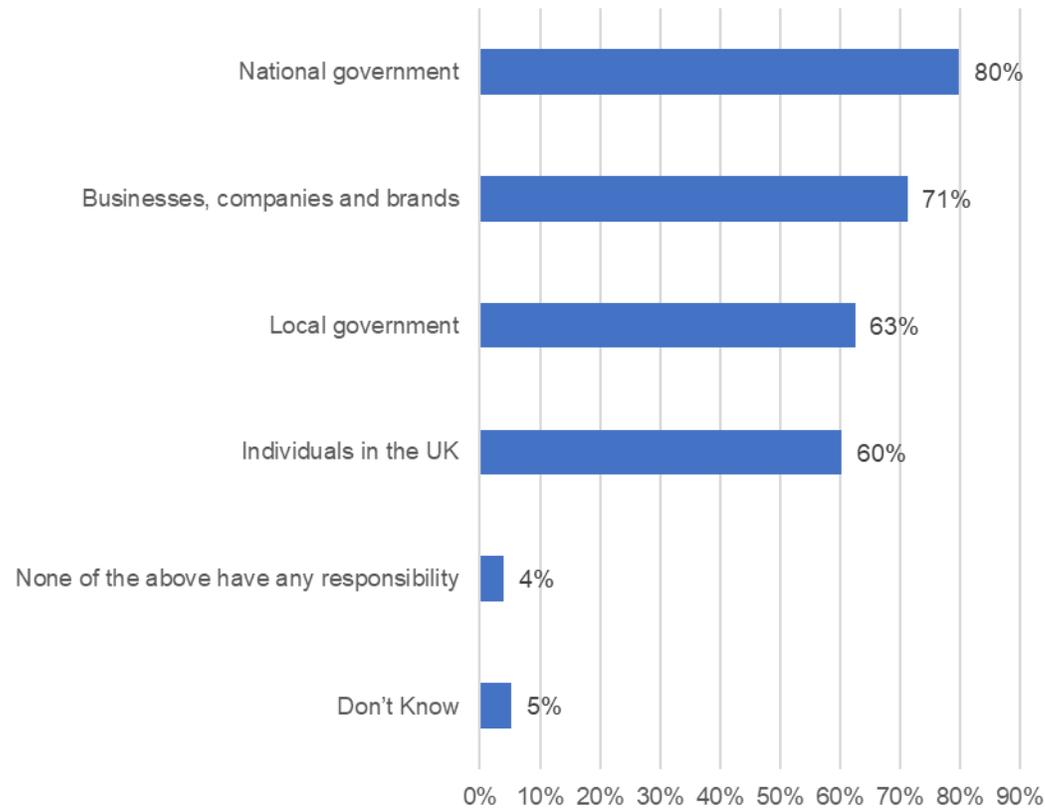
Which of the following would you say are the main issues affecting the Greater Manchester area at the moment? Select up to three of the following



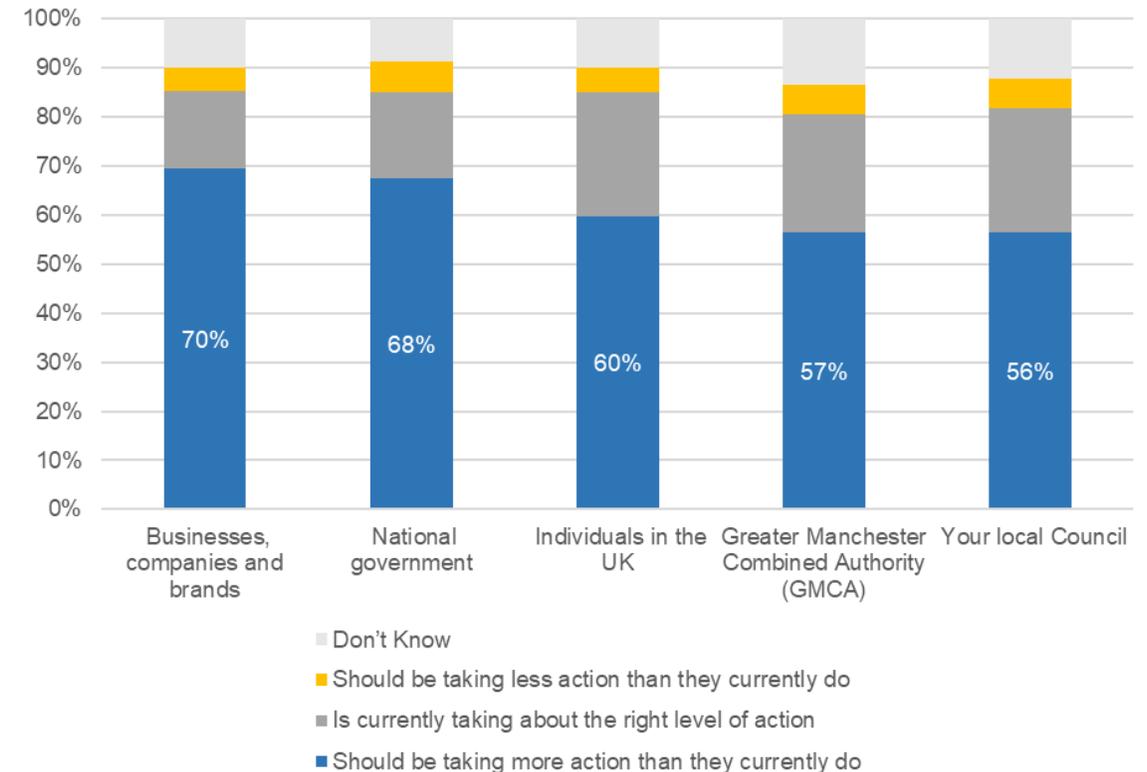
Environmental Issues are generally not perceived as major issues facing GM

All actors should be doing more especially national government and business

Which of the following groups in the UK do you think has a responsibility to take action on climate change? Please select any of the following

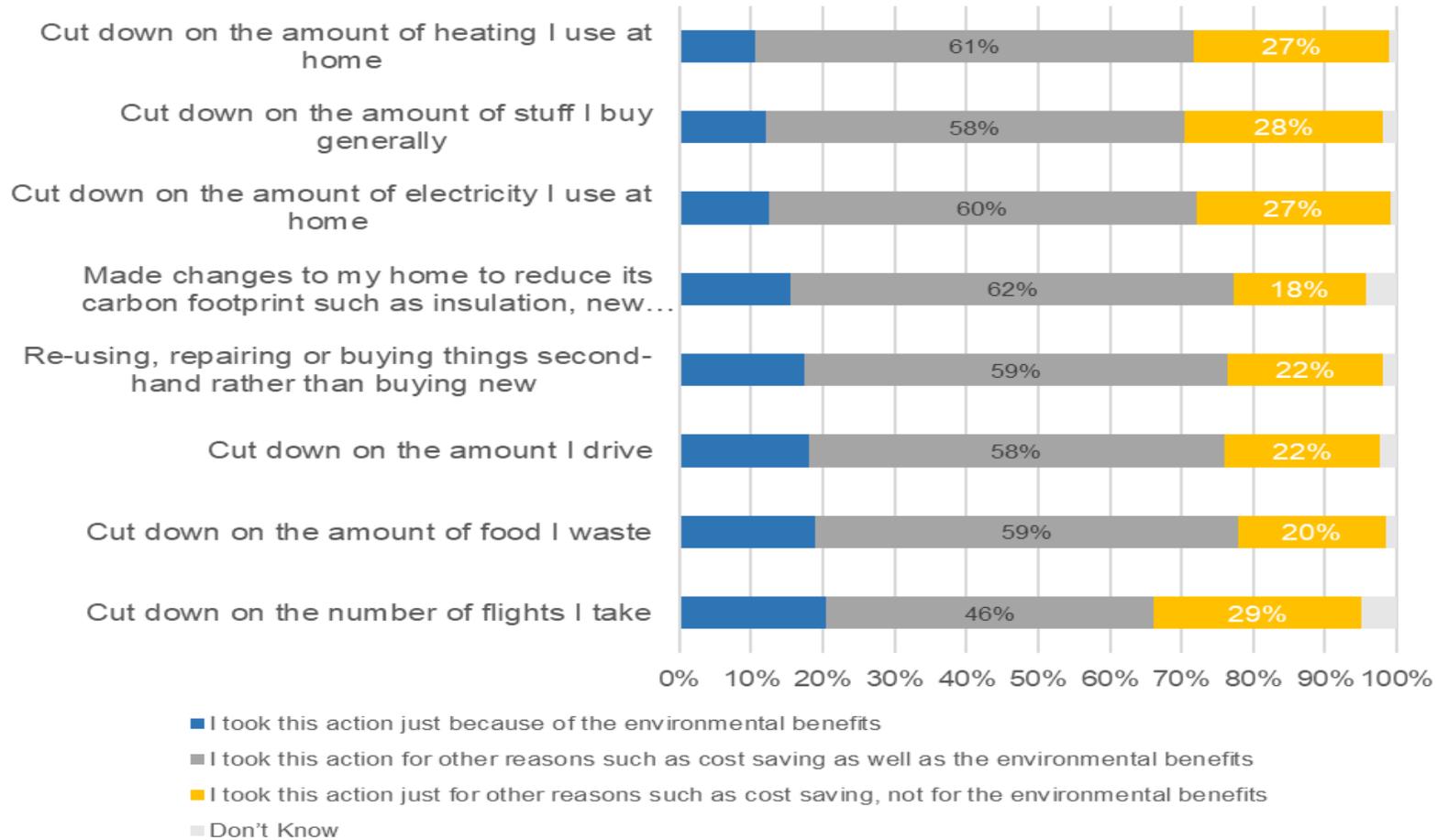


Regardless of which has the most responsibility, do you believe the following groups should be taking more or less action on climate change than they are now?



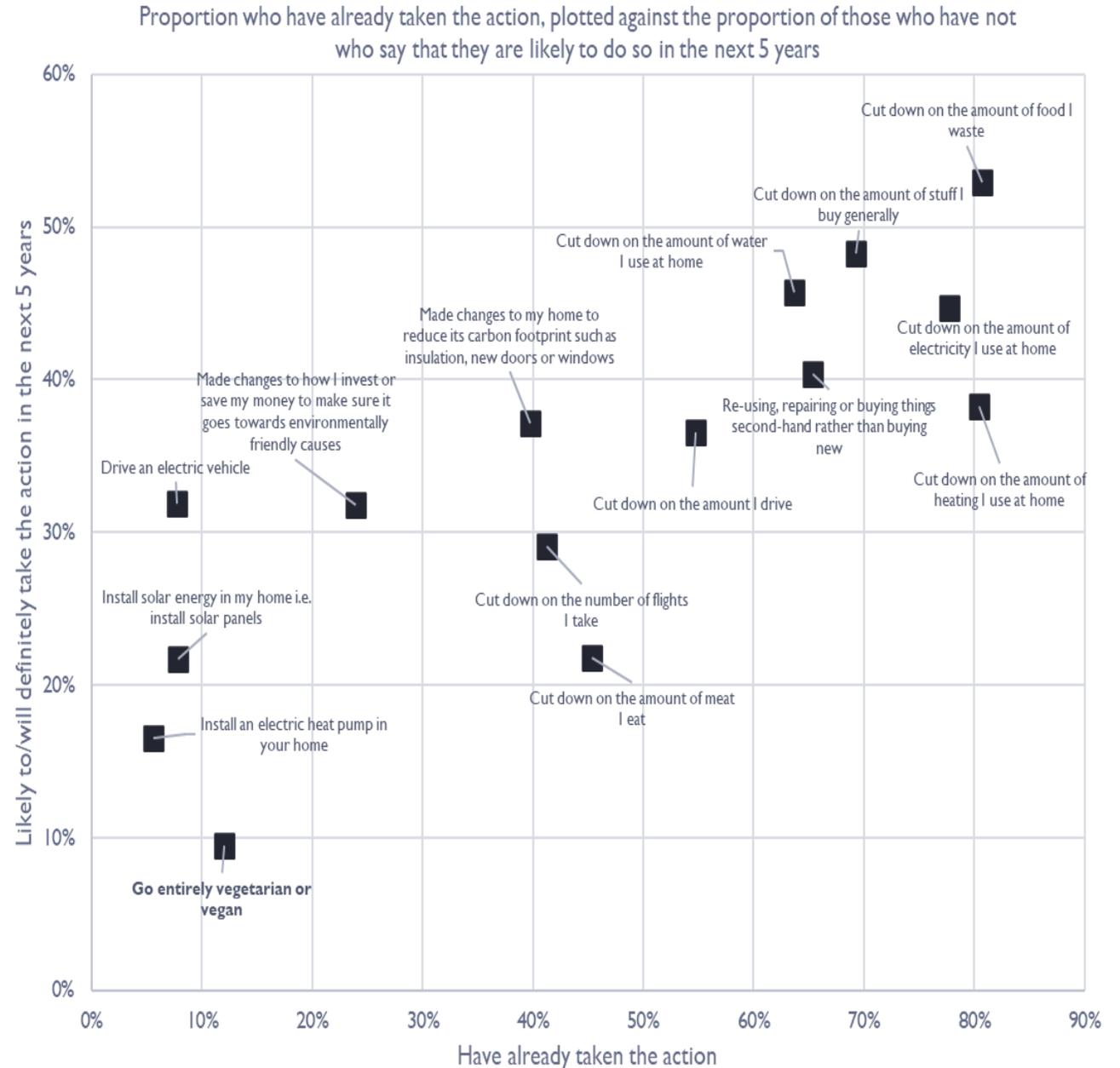
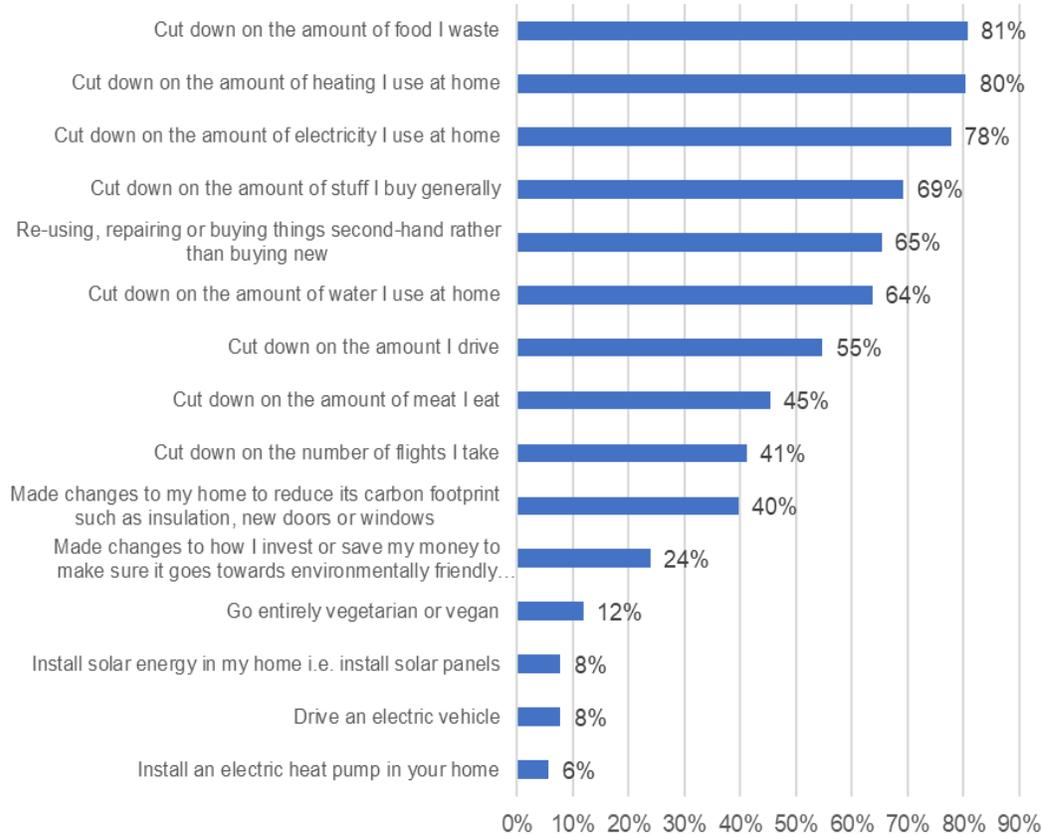
Use non environmental motivations (cost of living)

Motivations for taking the action among those who have taken it (Top 8 taken for non-environmental reasons shown, continued on next slide...)



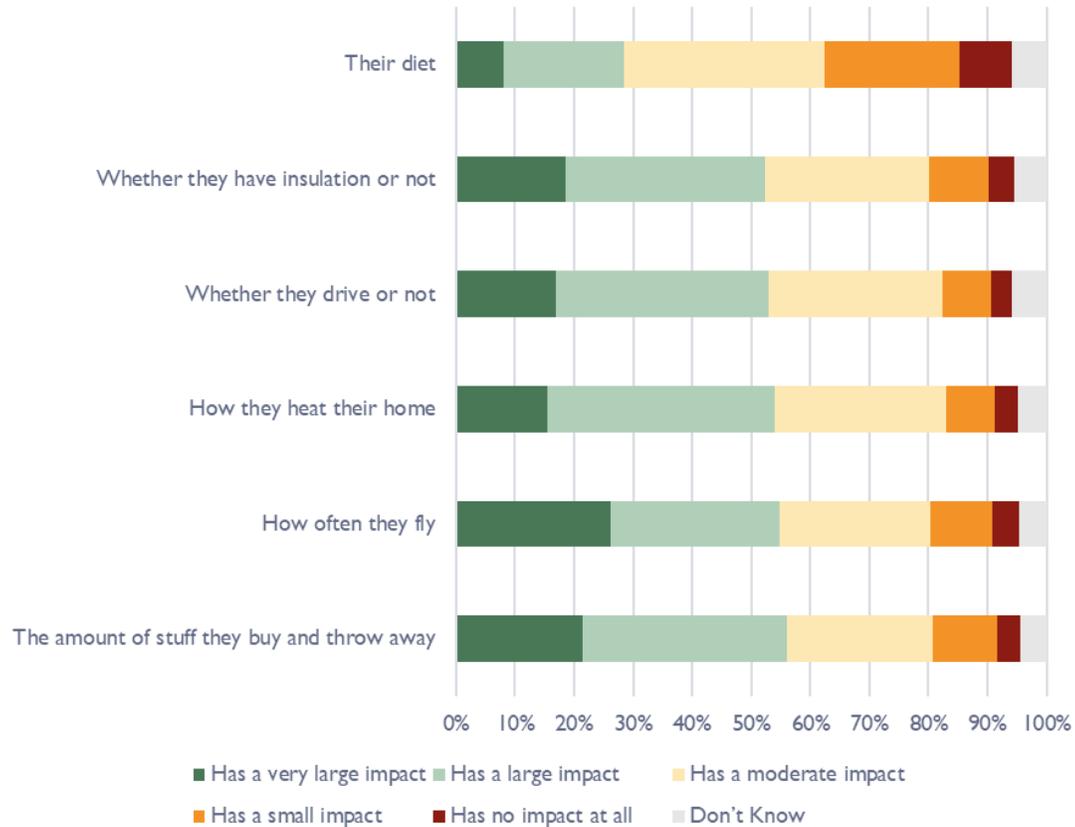
Residents have already taken 'easy' cut-back actions more than demanding changes and are less likely to make major changes in the next 5 years

Below are some ways in which it has been suggested that individuals can take action to reduce the impact they have on the climate. Which of the following, if any, have you personally taken?
% Who claim to have taken the action

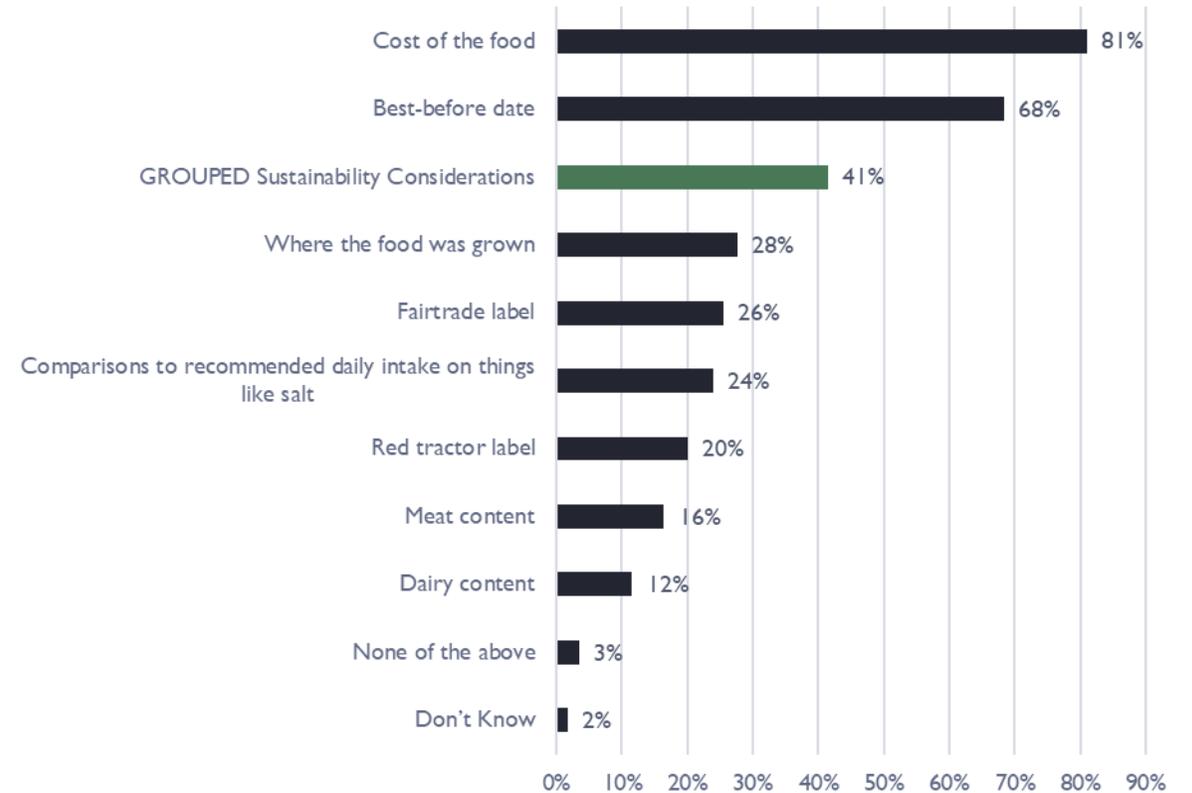


Dietary change most difficult as not perceived to be impactful (perception errors), however there is a route to encouraging more sustainable diets..

In general, which of the following areas do you think have the greatest impact on an individual's carbon footprint (the amount of carbon a person emits through their life), if any?



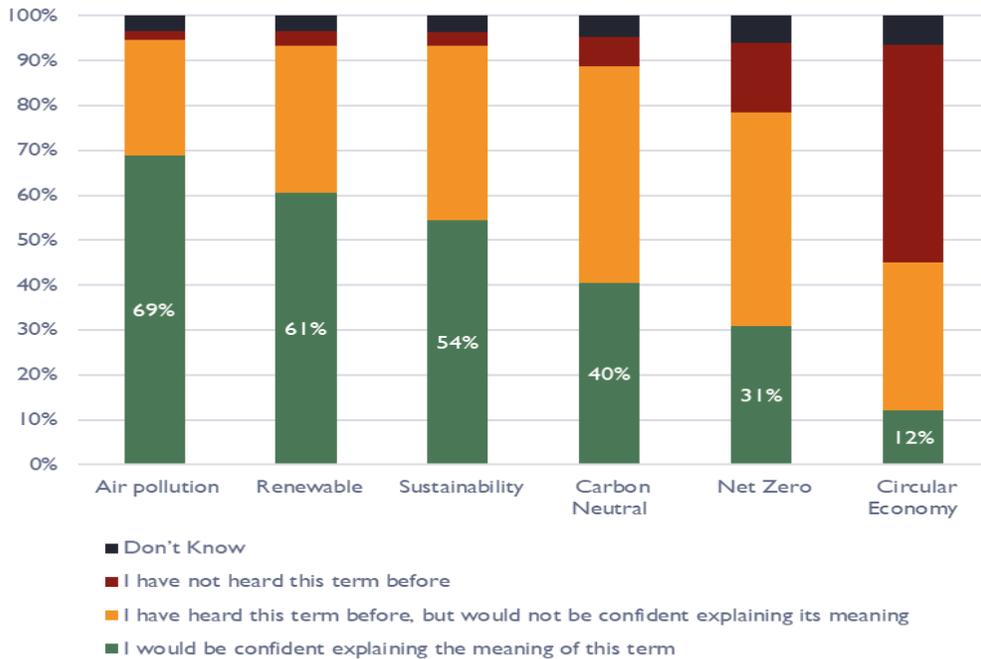
Which of the following, if any, do you pay attention to when you are purchasing food from a supermarket? Select any which apply



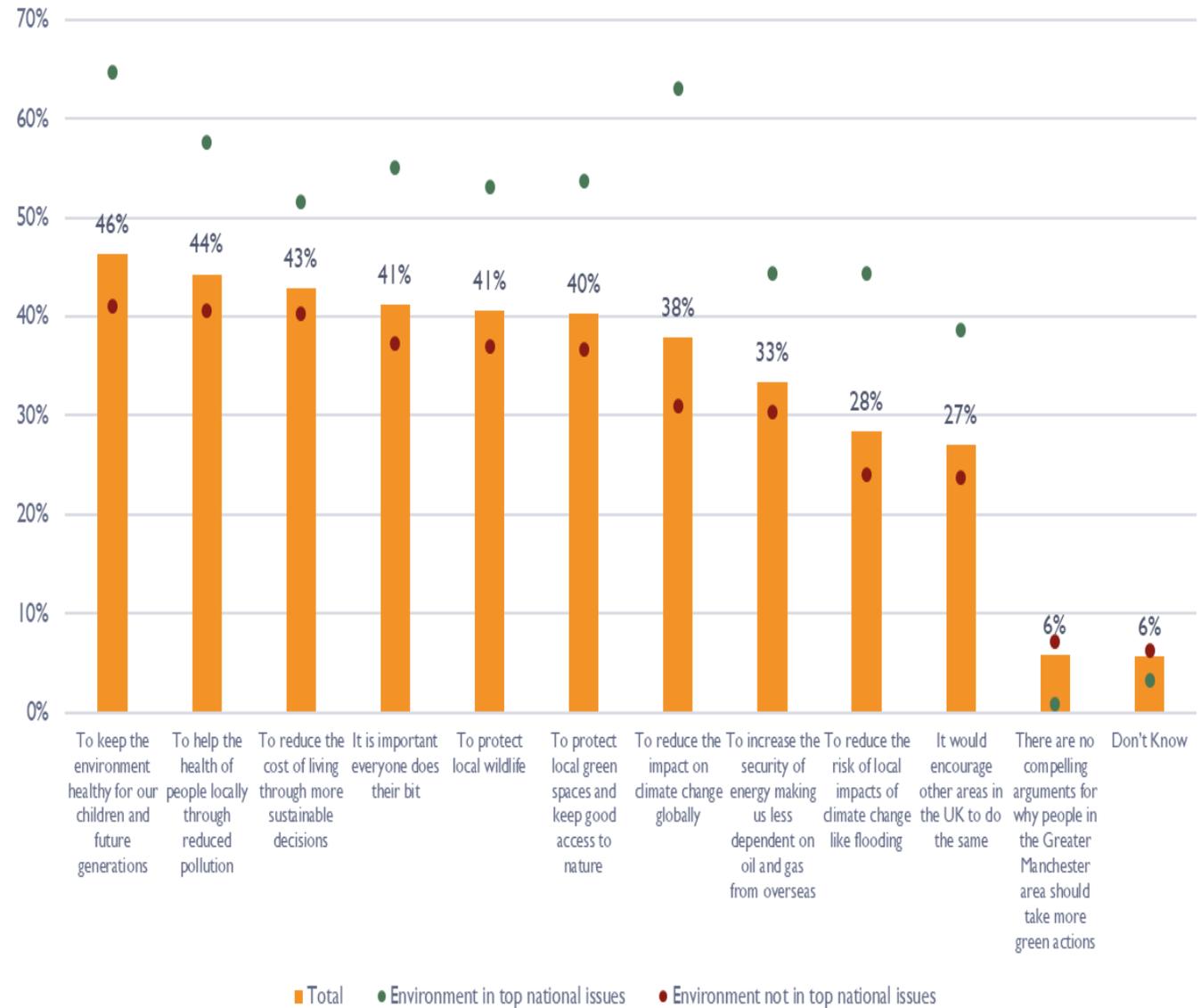
Use more simplistic environmental language to raise awareness more widely



Which of the following terms, if any, would you feel confident explaining the meaning of?

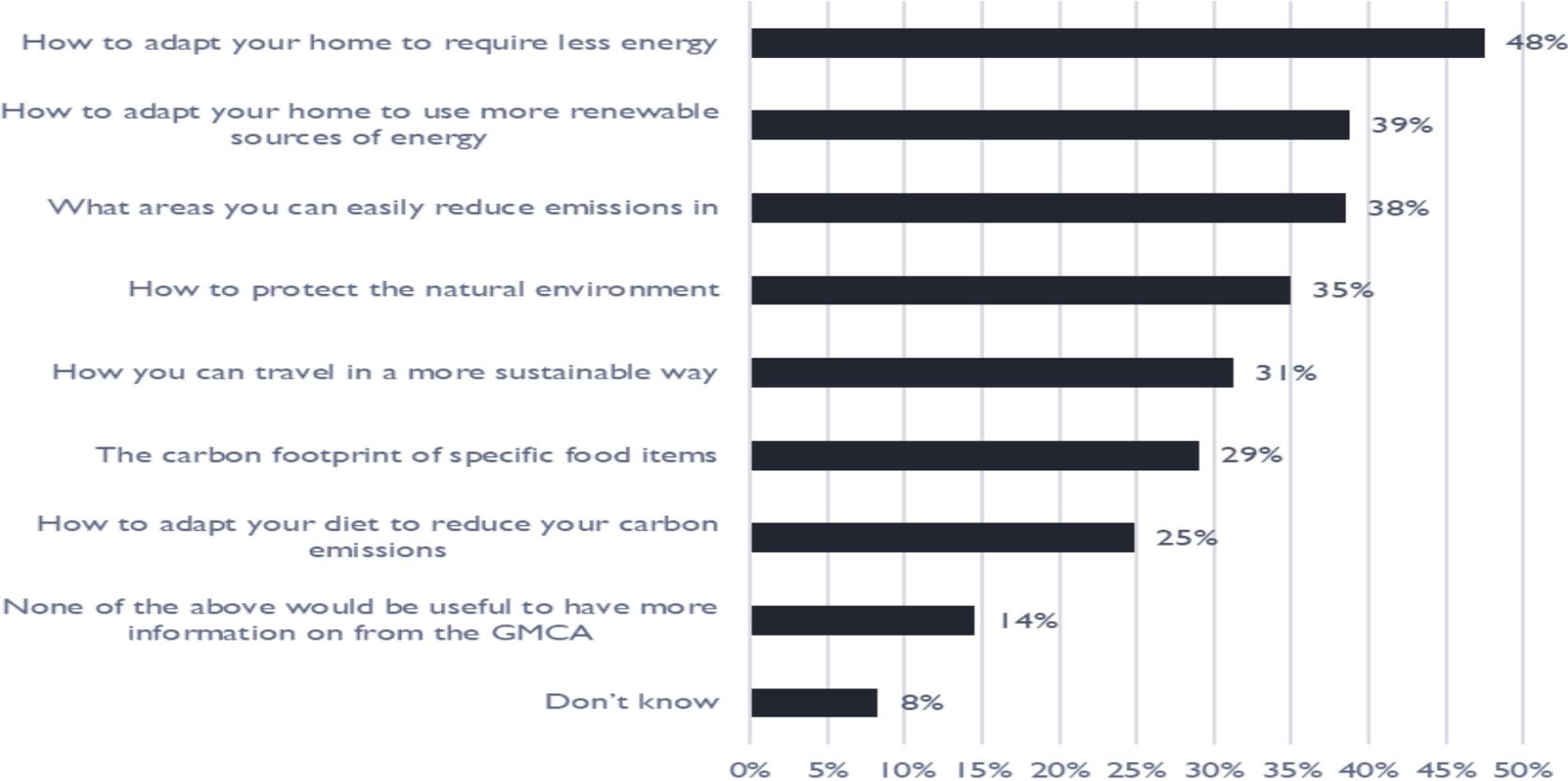


What, if anything, are compelling arguments for why people in the Greater Manchester area should take more "green" and environmentally friendly actions? Select any which apply



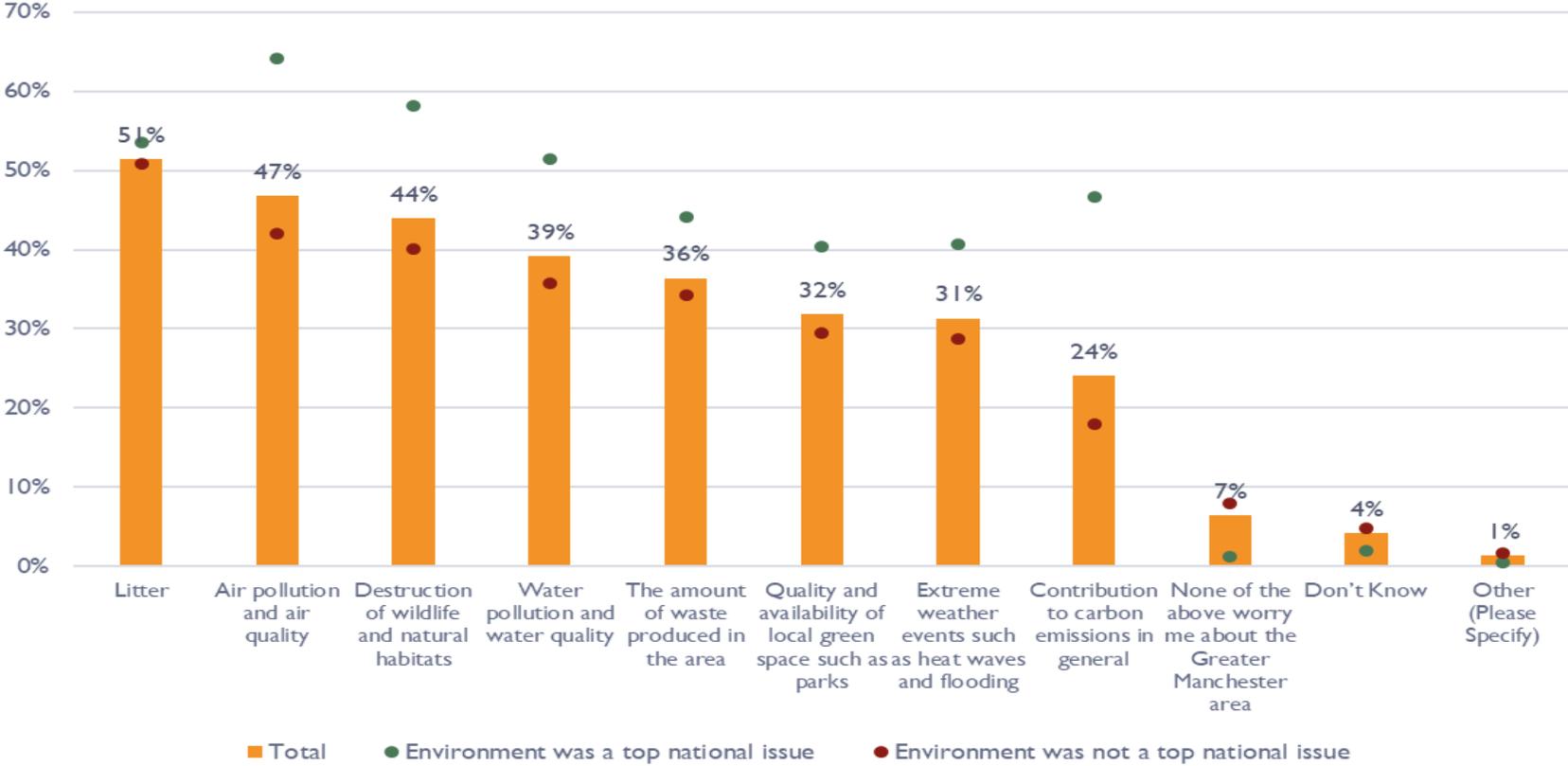
Informational campaigns could help encourage engagement

Which of the following areas, if any, would you find it most useful to have more information on from the GMCA? Select any which apply



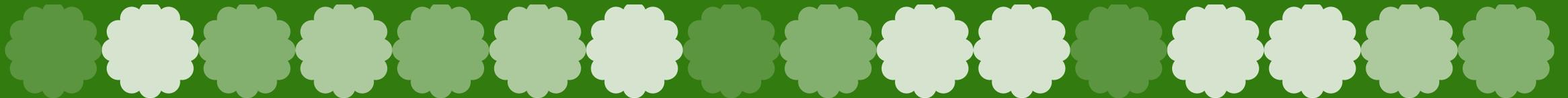
Resident thought GMCA could help most on local issues, in particular public transport, litter and recycling

Thinking about the Greater Manchester area, which of the following environmental concerns would you say you are personally worried about, if any? Select any which apply

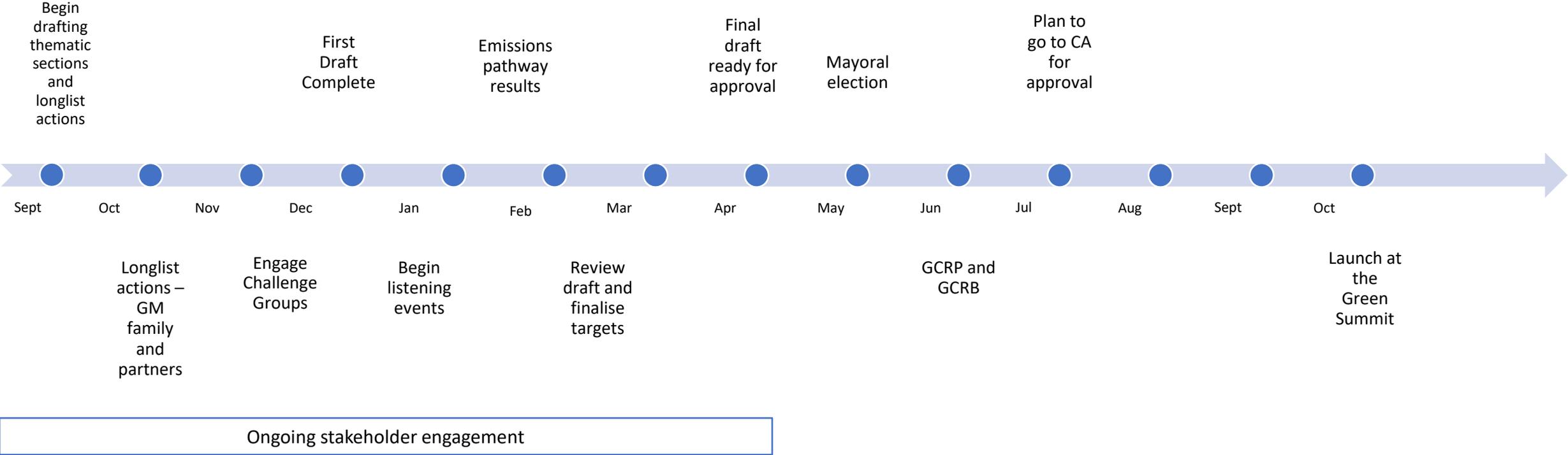


Five-Year Environment Plan 2024-2029

Overview and Timeline



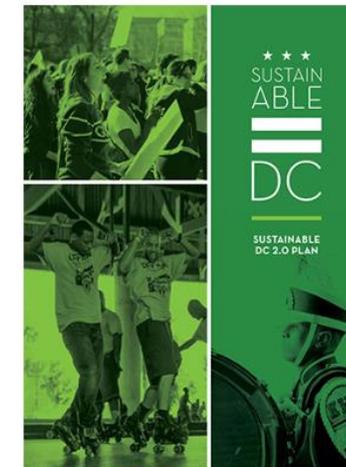
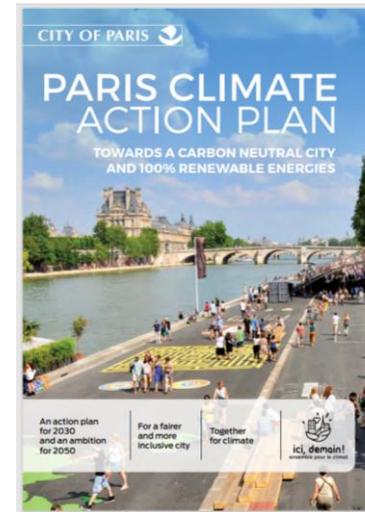
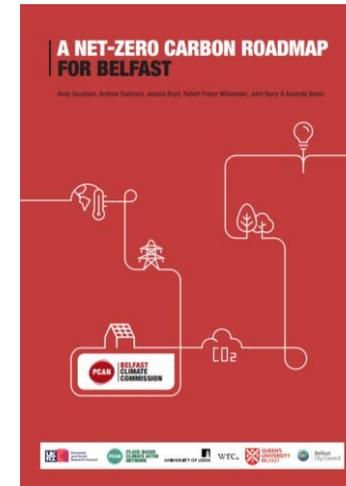
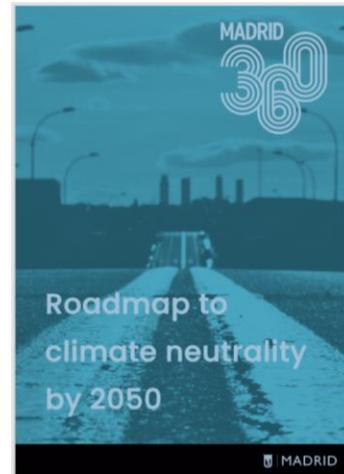
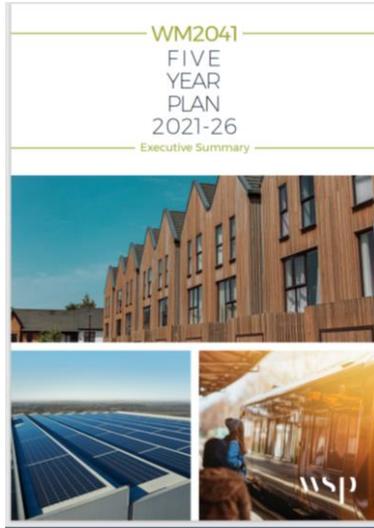
Timeline, Now–October 2024



Partner engagement

- Initial engagement with challenge groups.
- Planned workshops to test vision and actions.
- Focus on those actions outside of local authority control and influence.

Developing the wireframe and learning from other cities



Overall plan structure

1. Mayor's foreword
2. Introduction - setting the vision, 2038, climate and biodiversity emergency
3. Emissions Pathway, Targets, Action Plan
4. Chapters –
 1. Our Homes,
 2. Our Work,
 3. Our Leisure,
 4. Our Travel,
 5. Our Industry
5. Conclusion
 1. Annex – emissions pathway, monitoring and evaluation, engagement

Chapters

- Our Homes
- Our Work
- Our Leisure
- Our Travel
- Our Industry
- Carbon and Climate
- Biodiversity and Clean Green Spaces
- Waste and Resources
- Air Quality
- Climate Adaptation

Developing actions

How we live at home (Our Homes)				
Sections	Challenge Statement	Action and Lead e.g. LAs, businesses, NGOs, residents, national government	Why (result of the action)	Enabling Actions
Air Quality				
Biodiversity and Clean Green Spaces				
Carbon and Climate				
Climate Adaptation				
Waste and Resources				

Setting targets

Theme	Metric	Indicator	Progress to date	5 year target	2038 target
Land	Biodiversity	Halt decline in species abundance by x% by 2029.			

Next steps

- Complete draft actions with input from partners
- Hold engagement workshops with 5YEP Forum and Challenge Groups



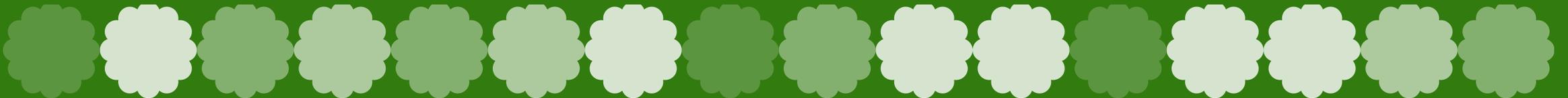
Wider Listening Events January -March 2024



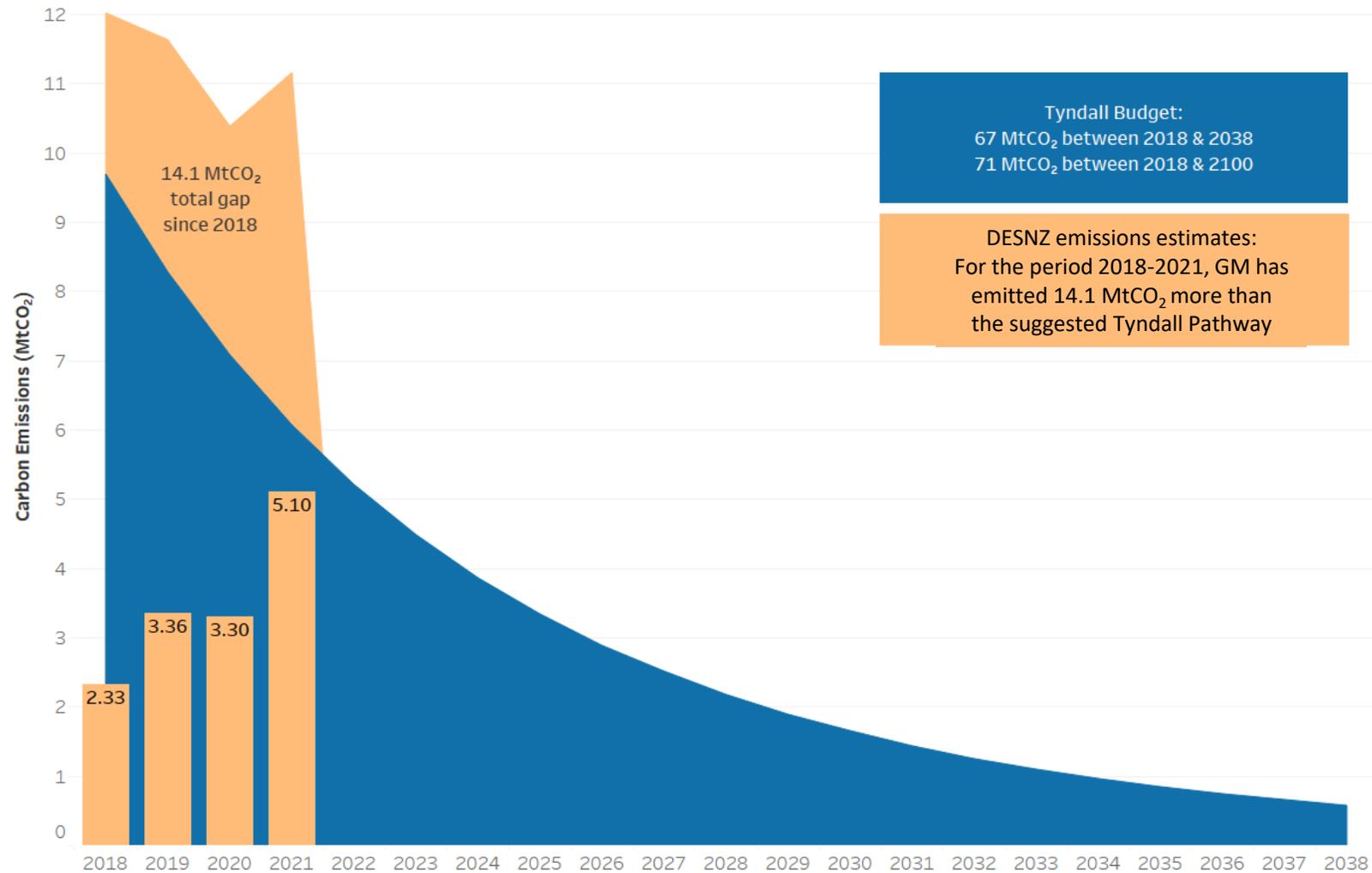
Five-Year Environment Plan 2024-2029

Emissions Pathway Work

Rachel Berman, Principal Research (Environment) GMCA
October 2023



The Mission: Carbon Neutral by 2038



Background

- 5YEP (2019-2024) included work to establish a GM Carbon Budget (the 'Tyndall Budget')
- 2022 Green Summit outlined that whilst achieving carbon neutrality by 2038 still considered possible, GM is likely to exceed the budget by 2025.
- Next 5YEP needs clear 5-year targets that help us to reduce this excess as much as possible.

5YEP (2024-2029)

Explore different possible carbon reduction pathways (as previously with SCATTER).

- Can GM stay within proportion of UK carbon budget?
- **If we are to achieve carbon neutrality by 2038, what is a realistic emissions pathway to achieve this, and what would be projected cumulative emissions?**
- What is needed to reduce the gap between revised pathway emissions and carbon budget?

Progress to date

- Explore different possible carbon reduction pathways (as was done for 5YEP with SCATTER).
 - Current GM decarbonisation activity: LAEPs and TfGM pathways
 - CCC 'Balanced Net Zero' pathway – applied to GM
 - MacKay Carbon Calculator (SCATTER based on earlier versions of this model)
- Identify need for more bespoke tool
 - Looking to engage data expertise on modelling – commission support
 - Work with CCC and Tyndall
 - Needs to allow us to monitor progress to keep momentum/commitments.

What's next....

- Appointed Arup to undertake emissions modelling work **alongside us**
 - Baseline of current emissions
 - Compatible with DESNZ reporting - for future monitoring
 - Includes 3 grid decarbonisation trajectories, and impact of policy interventions
- Start Sept/Oct 2023
- Expected completion March 2024

Recommendations

Members are requested to:

1. Note the progress updates across all presentations.
2. Note and feedback on the structure for the Five Year Environment Plan.
3. Note the approach to develop updated carbon emissions pathways as part of the Five-Year Environment Plan refresh.