

Climate Emergency & Carbon Neutrality

Alex Minshull

Sustainable City and Climate Change Manager

Bristol City Council

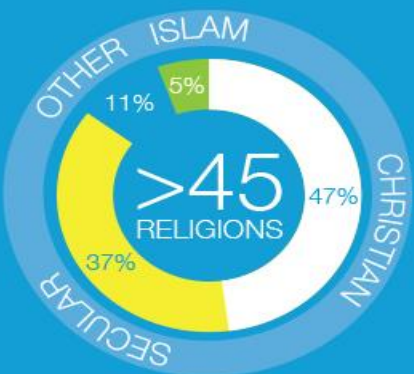




8TH LARGEST CITY IN THE UK



>91 LANGUAGES



Escalating Targets

2000 – Local Agenda 21

2004 – First Climate Change Strategy – 60% by 2050

2008 – The Big Ask – Climate Change Act

– 40% by 2020 and 80% by 2050

2015 – European Green Capital – 100% by 2050

2018 – Climate Emergency - 100% - All scope - 2030



The Council Motion

Full Council calls on the Mayor to:

1. ***Declare a 'Climate Emergency';***
2. ***Pledge to make the city of Bristol carbon neutral by 2030, taking into account both production and consumption emissions***
3. ***Call on Westminster to provide the powers and resources to make the 2030 target possible;***
4. ***Work with other governments (both within the UK and internationally) to determine and implement best practice methods to limit Global Warming to less than 1.5°C;***
5. ***Continue to work with partners across the city and region to deliver this new goal through all relevant strategies and plans;***
6. ***Report to Full Council within six months with the actions the Mayor/Council will take to address this emergency.***



Initial reaction



Managing an Emergency

Co-locate

Co-locate with commanders as soon as practicably possible at a single, safe and easily identified location near to the scene.

Communicate

Communicate clearly using plain English.

Co-ordinate

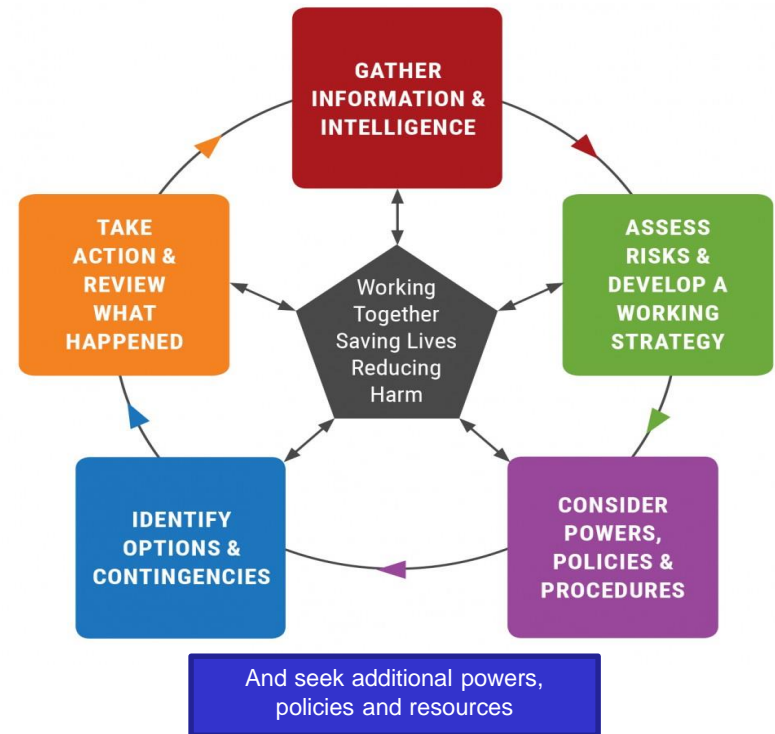
Co-ordinate by agreeing the lead service. Identify priorities, resources and capabilities for an effective response, including the timing of further meetings.

Jointly understand risk

Jointly understand risk by sharing information about the likelihood and potential impact of threats and hazards to agree potential control measures.

Shared situational awareness

Shared Situational Awareness established by using METHANE and the Joint Decision Model.



First few weeks...

- Reassuring people!
- Understanding the priorities of the administration
- Created a cross party working group to help generate our plans
- Created some staff capacity by reallocating responsibilities
- Initiated a formal project and used the council's management processes
- Commissioned a very quick piece of work to provide baseline information
- Found a small amount of underspend to allocate to external partners to create the city approach

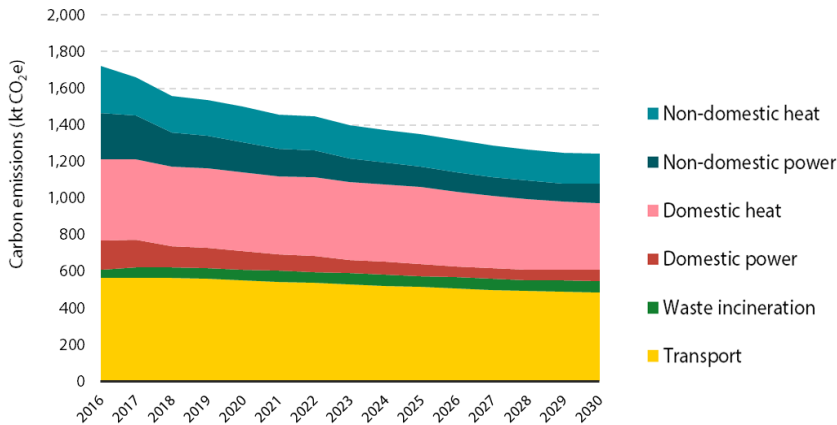


First 6 months

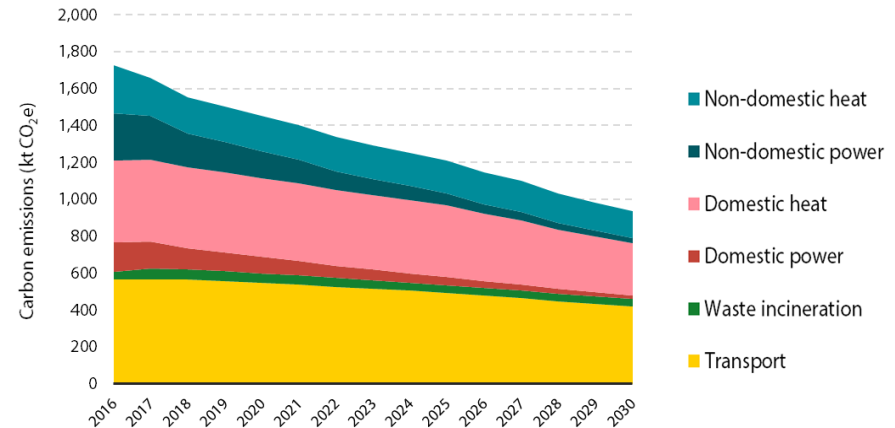
- **“One City” approach** building governance, consensus and support across institutions to create a Strategy and mobilise action – Environmental Sustainability Board – Strategic Co-ordinating Group
- **Building an initial evidence base** to create basis for shared situational awareness
- **Review existing plans and commitments** to demonstrate what is already happening and understand which we can accelerate/ amend
- **Developing political consensus on the action needed** - Cross Party Councillor Working Group
- **Understanding Scope 3 emissions** widening the discussion from energy and transport
- Developing with the Core Cities a **clear “Ask”** for Government and for Investors
- Securing £250k budget for 2019/20



regen **'Committed' scenario: City of Bristol carbon emission reductions by sector out to 2030**



regen **'Target 2050' scenario: City of Bristol carbon emission reductions by sector out to 2030**



- The **'Committed' trajectory reduces carbon emissions by 28%** and **'Target 2050' by 46%**
- Zero carbon by 2030 would need reductions of approximately 90%, doubling the outcomes from Target 2050
- The lowest reduction is from Transport. The highest is expected from non-domestic energy demand

% reduction in carbon by 2030	'Committed'	'Target 2050'
Domestic	30%	50%
Non-domestic	47%	66%
Transport	14%	26%
Overall reduction	28%	46%

Mayor's Action Plan – Continue to:

- Deliver existing **energy programme** – heat networks, domestic retrofit
- Develop our **City Leap Energy Partnership** – to secure £1bn of investment in efficiency, renewable generation and smart grids etc
- Work with our LEP and Combined Authority to implement the **Energy Strategy**
- Implement new **planning policy** for Zero Carbon buildings
- Expand our **Electric Vehicle** charging network
- Create a new **recycling centre** for residents and Clean Streets Campaign
- Consult on a **Clean Air Zone**
- Develop **flood defences** to protect against sea level rise/ storms
- And more...



Mayor's Action Plan – Call to Action

- Declare the climate emergency
- Call on all city organisations to recognise that emergency and set targets to rapidly reduce emissions
- Adopt Carbon Neutrality by 2030 as a formal Goal for the city council
- Commit to work to increase the climate resilience of the city



Mayor's Action Plan – Leading by example

- New target **City Council Carbon Neutrality by 2025** (Scope 1&2)
- **Quantify Scope 3** emissions for City Council
- **Assess all new major plans, policies and projects** re emissions and climate resilience – creating a Carbon Impact Budget
- **Report City Council emissions** to internationally recognised standards through the Carbon Disclosure Project
- **Climate Change Training** for the Mayor, city leaders, City Council senior managers, key staff and Cllrs.



Mayor's Action Plan – Involving Citizens

- Citywide **86% of citizens** are concerned or very concerned about the impacts of climate change
- We will deliver a **climate change public engagement programme** to engage and empower citizens, understanding the barriers and enabling everyone to contribute.
- Work with the **Youth Council and young people** to involve them in creating the future climate strategy



Mayor's Action Plan – Creating a city strategy

- The newly created Environmental Sustainability Board, chaired by the Mayor, will lead the creation of a **One City Climate Strategy for Bristol**.
- Mayor has asked the universities to create an **Advisory Committee on Climate Change** to provide this to the Boards, City Office and Council.
- Initial City Council resources have been allocated

Full Report at:

<https://democracy.bristol.gov.uk/documents/s34127/Climate%20Emergency%20-%20The%20Mayors%20Response.pdf>



Thank You!

Alex Minshull, Sustainable City and Climate Change Manager

Bristol City Council

Alex.minshull@bristol.gov.uk

+44 (0)7795 446123

