



Bristol Health and Wellbeing Board

Title of Report:	One City Climate Strategy
Author (including organisation):	Alex Minshull, Sustainable City and Climate Change Service Manager, Bristol City Council, on behalf of the Environmental Sustainability Board
Date of Board meeting:	27 th November 2019
Purpose:	Oversight and assurance

1. Executive Summary

Action on climate change is taking place in the city, including by organisations in the health and wellbeing sector.

We need to rapidly accelerate progress in the light of the declared climate emergency. The Mayor has provided additional resources to enable the development of a One City Climate Strategy and has asked that the Environmental Sustainability Board to lead the development of a One City Climate Strategy on behalf of the city. The strategy will address both how we achieve a carbon neutral but also climate resilient city.

A significant evidence base is being developed to inform the strategy. The emerging findings will be presented to the Health and Wellbeing Board at the meeting. This will allow the most up to date evidence to be shared.

The Environmental Sustainability Board is seeking input from all of the One City Boards and key stakeholder in the city to the development of the strategy and subsequent delivery plans.

Due to the declared climate emergency this strategy is being developed rapidly for adoption at the end of February 2020.

The Strategy will enable the Hospital Trusts who have declared climate emergencies and other Health and Wellbeing Board members to contribute to a One City approach to climate change.

2. Purpose of the Paper

The brief developed by the Environmental Sustainability Board for the One City Climate Strategy is that it should:

- Stimulate Action
- Widen Ownership
- Build Capacity

- Inspire And Develop

Full details at Appendix 1.

It will be a high level strategy which assembles a sound evidence base, describes the scale of the challenge and agrees shared strategic priorities. Subsequent targeted delivery plans developed.

In the light of the Climate Emergency and to avoid conflicts with the local government election 2020, the climate strategy is being developed to a very tight timetable, with the intention of it being approved by the Environmental Sustainability Board in late February and the Bristol City Council Cabinet on the 3rd March.

With these in mind the Health and Wellbeing Board is asked to support the need for the One City Climate Strategy and commit to participating in its development. The Health and Wellbeing Board is invited to participate in workshop and possibly an informal meeting of the Board.

The Health and Wellbeing Board is also invited to ratify the Strategy after its approval by the Environmental Sustainability Board, in order to demonstrate a One City approach to the challenge of climate change.

3. Evidence Base

The evidence base for climate change is substantial. A key report is the Intergovernmental Panel on Climate Change (IPCC) special report¹ on the impacts of global warming of 1.5°C above pre-industrial levels, issued in October 2018. The IPCC modelling found that, with a rise of 1.5°C, there would be risks to health, livelihoods, food security, water supply, human security and economic growth. A rise to 2°C would be even more catastrophic.

In response Bristol City Council, North Bristol NHS Trust and University Hospitals Bristol NHS Foundation Trust have declared “climate emergencies” which shows a clear and positive commitment to tackle climate change and the effects on the health of our population.

An evidence base on the city’s emissions and our resilience to the impacts of climate change are being developed and initial findings will be presented to the Board.

4. Recommendations

That the Board:

- Supports the development of a One City Climate Strategy as an effective way to collectively address climate change
- Actively participates in the development of the Strategy
- Consider endorsement of the Strategy following agreement by the Environmental Sustainability Board.

¹ IPCC 1.5C Report <https://www.ipcc.ch/sr15/>

5. City Benefits

The strategy is intended to develop effective solutions to reduce the risk to health and the environment from climate change.

6. Financial and Legal Implications

The implementation of the strategy will require resources but at this stage it is not possible to enumerate them.

7. Appendices

1. Brief for the One City Climate Strategy.

Appendix 1: Bristol One City Climate Strategy Brief

1. Background

In November 2017, Full Council unanimously passed a motion to declare a Climate Emergency. In July 2018, the Mayor brought a report back to Full Council outlining the actions which he was taking to address the emergency. One of these actions was to deliver a Bristol One City Climate Strategy.

2. Purpose

To create a shared strategy / framework for the city to enable us to:

- Rapidly reduce the city's carbon emissions to achieve carbon neutrality
- Improve the resilience of the city to the impacts of climate change.

3. Objectives

The strategy will:

3.1 STIMULATE ACTION

- Be a comprehensive, visible and credible response to the emergency, setting out meaningful action which will be taken to reduce emissions and improve resilience to climate impacts.
- Build on existing work, realign current plans and provide the framework for more detailed delivery plans to follow.
- Deliver a just transition to carbon neutral Bristol.

3.2 WIDEN OWNERSHIP

- Be "of the city" and enable everyone in the city to feel ownership of it. This will galvanise strong contributions to delivery of the strategy.
- Enable all organisations and individuals in the city to achieve significantly more in the short term, and to do everything they currently can.

3.3 BUILD CAPACITY

- Instigate the necessary capability building in the city, including training initiatives and skills development
- Create the conditions for those actions which are not currently achievable – lobbying for the changes in national policy, regulation, funding etc.

3.4 INSPIRE AND DEVELOP

- Articulate a clear and positive vision of Bristol's carbon neutral and climate resilient future, including the co-benefits of measures for the economy, health etc.
- Be adaptive: the social and economic changes required to achieve carbon neutrality and climate resilience will be seismic, and this strategy must be able to respond and accommodate those changes as they occur, seizing new opportunities as they arise.

4. Scope

4.1 Greenhouse Gas Emission Reduction

The strategy will mainly focus on scope 1 and 2 emissions (those from transport / other sources within the city boundary and grid supplied electricity and heat). High level consideration will be given to scope 3 consumption emissions (those

which occur outside the city boundary as a result of activities taking place within the city).

We have a strong evidence base for scope 1 and 2 emissions in the city, but need undertake further analysis to develop understanding of our scope 3 emissions – and to understand if there is value to be gained from commissioning Bristol specific research, or to explore at a national level and pro rata to Bristol citizens.

4.2 Climate Adaptation Measures.

The strategy will mainly focus on addressing the impacts of climate change within the city with respect to both acute shocks e.g. extreme weather and chronic stresses e.g. sea level rise. However there will also be a high level consideration of key interdependencies at other scales where these may have significant consequences or opportunities for change e.g. city region, national and international level.

5. Evidence Base

- Carbon Neutrality Baseline and 2030 Trajectory Report
- Net Zero Greenhouse Gas Gap Analysis Report
- Cross Party Councillor Suggestion List
- Commitments made at March 2019 Bristol Green Capital Partnership Green Gathering
- Friends of the Earth 33 Suggestions for Local Authorities document
- Relevant recent Committee on Climate Change reports – mitigation and adaptation
- IPCC report.
- UKCP18 Climate Projections
- Sustainable City Team Climate Preparedness Review (internal only)
- Evidence and emerging evidence on Bristol climate change impacts: flood, urban heat.

6. Ownership

The Strategy will officially sit under the One City Plan and “belong” to the City Office.

The Environmental Sustainability Board have inputted into the development of this brief.

We need to secure input and buy-in from the other One City Boards and ensure the citywide ownership necessary to enable delivery of objectives.

7. Audience

Everyone who lives or works in Bristol, particularly opinion leaders and formers.

8. Engagement

Carry out meaningful engagement with a range of city stakeholders during strategy development. This will ensure that they have the opportunity to input and

shape the strategy, and are committed to helping us deliver the actions it recommends.

9. Timeline

To be complete by the end of January 2020 and refreshed every 2 years thereafter.

Associated delivery plans would be completed from June 2020 onwards.

10. Strategy Time Horizon

It is suggested that the strategy has a 10 year time horizon – 2030 to align with the Climate Emergency Motion. The focus will be on immediate action.

11. Resources

BCC has £100k of funding for strategy development. This must be spent by March 2020.

BCC staff resource will consist of:

Climate Change Project Managers (0.6 FTE)

Sustainable City and Climate Change Manager (0.1 FTE)

In order to meet the January deadline, it is our intention to engage support from a consultant to assist with writing the strategy. This will also help deliver a strategy which speaks at a city, rather than BCC level.

The Bristol Advisory Committee on Climate Change will be established in October and we hope that its members will review the strategy.