

Health & Wellbeing Board

Climate Change & Health

Chris Horth
Unit Manager – Environment Team



Climate Change and Health

- Climate change has a direct impact on health - felt most by the vulnerable – increasing existing inequalities
- Impacts on health include:-
- Extreme weather
 - Summer 2020 we saw 2,556 all-cause excess deaths (excluding deaths from COVID-19) during episodes of heat.
 - Hottest summers on record will become the norm
 - Extreme winter weather – impact on elderly and vulnerable - fuel poverty
- Flooding - impact on physical and mental health
- Vector-borne diseases - mosquitoes & ticks - warmer weather
- Air Pollution – more high pollution incidents
- Bury Council declared a Climate Emergency – target to be carbon neutral by 2038





Climate Strategy and Action Plan



To tackle our climate emergency, we need to step up our actions to cut carbon emissions drastically.

In response we have created a Climate Action Strategy and Action Plan focusing on the following nine Priority Action Areas:

1. Energy Supply
2. Homes, Workplaces and Public Buildings
3. Travel
4. Consumption & Waste
5. Food
6. Natural Environment
7. Green Skills, Economy & Education
8. Environmental Justice
9. Climate Resilience and Adaptation



Tackling Health Impacts and Inequalities

Climate Action Strategy and Plans have sections on “Environmental Justice” but health impacts and inequalities are addressed throughout the plan e.g.

- Increasing local renewable energy generation - reduces fuel costs for those in poverty and on low incomes
- Improving the energy efficiency of housing reduces energy bills and protects the property from temperature extremes
- Implementation of the Greater Manchester Clean Air Zone - poor air quality contributes to 1200 premature deaths per year – vulnerable particularly affected
- Improving access to green spaces improves mental and physical wellbeing
- Promoting locally sourced healthy food - good for health – good for the planet
- Promoting active travel improves health and reduces emissions
- Cations to grow the green economy bring new jobs – future proof job market and workforce – safeguard incomes and community wellbeing



Raworth's Doughnut Framework

“Human health and planetary health are woven into one. So governments need frameworks and ways of thinking that can hold that complexity and can think about climate, health , jobs, financial stability and inequality in one space”



Actions So Far...

- Implementation of the Clean Air Zone to improve air quality
- Public Sector Decarbonisation scheme – funding to decarbonise council buildings
- Received community bids to the Community Climate Action Fund (£100k) a number of projects involve health improvement e.g. active travel, “grow your own” , improving biodiversity and greenspace
- Active travel schemes throughout Bury aimed at improving access to walking and cycling
- £10 million to improve Bury Council fleet – electric where we can
- Electric Vehicle (EV) charging – 2 rapid chargers installed in Bury town centre 3 rapid charge hubs for taxis to be installed in 2022 and procured chargepoints for our fleet
- More community EV chargepoints – sites identified – considering procurement options
- Town Centre regenerations developed to include carbon neutrality whilst improving local areas
- Work started to develop Climate Action Forums for each neighbourhood.
- Flood defences installed e.g. Springwater Park to reduce flood risk
- Bid to the Social Housing Decarbonisation Fund – to pay for works to decarbonise public sector housing
- E-car Club Pilot to commence soon
- Work with TfGM on rationalisation of the public transport network in order to reduce fees and make more accessible
- Go Neutral – solar PV on public assets
- Retrofit accelerator

Department of Operations



Potential to work with NHS Health Services

- Share experience
- Buildings associated with the health services:
 - Retrofitting
 - Renewable energy – Go Neutral
 - Consolidation of resources
- Reduction in waste and increase recycling
- Promotion of active travel facilities
- Car pool/car clubs
- Commissioning and procurement processes
- Preparation of estate in case of climatic impacts
- Carbon literacy training

