

# **CLIMATE ACTION: CLIMATE JUSTICE, PUBLIC HEALTH AND SOCIAL CARE**

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# Anthesis

## Anthesis is the Sustainability **Activator**.

- We are the largest group of dedicated sustainability experts in the world
- Our team combines broad and deep knowledge with commercial and operational capabilities to deliver real change
- 800+ people, working across 17 countries, to serve more than 800 clients



### Local authorities we have worked with:



# **CITIES OF THE FUTURE NEED TO BE THRIVING, HEALTHY, FAIR AND SUSTAINABLE FOR PEOPLE AND THE PLANET**



**Health and wellbeing**



**Access to nature and resiliency**



**Equity and social inclusion**



**Inclusive economy and quality jobs**



**Safe travel and accessibility**



**Warm homes**

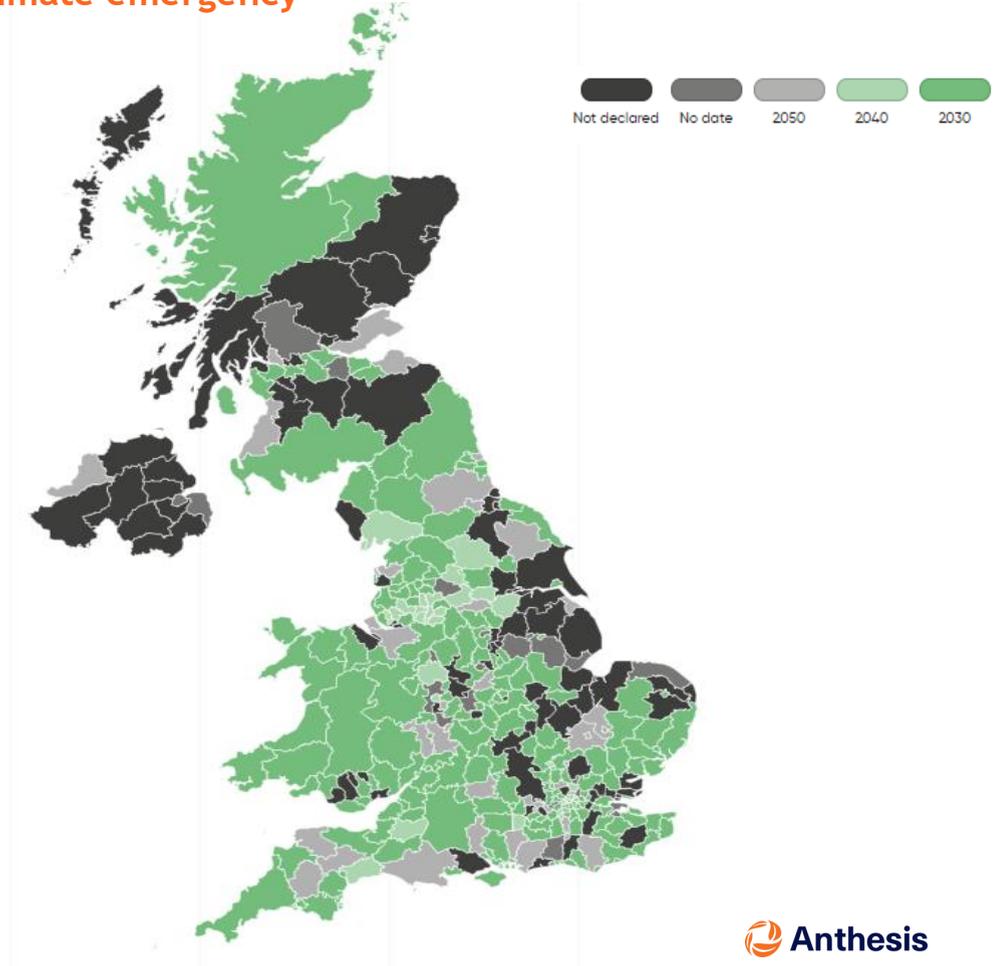
# TO ADDRESS THESE THEMES, WE NEED TO ADDRESS AND ACKNOWLEDGE THE INTERDEPENDENCIES



# DECLARING A CLIMATE EMERGENCY ONLY REPRESENTS THE FIRST STEP

- ❑ Declare a climate and ecological emergency
- ❑ Develop a robust Climate Action Plan
  - Greenhouse gas inventories
  - Future emissions modelling
  - Evidence bases
- ❑ Build networks and engage stakeholders
  - Forums, workshops, events
  - Collaborative engagement
- ❑ Establish proper internal governance
  - Collaborative engagement
- ❑ Prioritise higher impact areas and implement projects
  - Business case development
  - Funding applications
- ❑ Deliver, monitor, report progress

Over 300 local authorities have declared a climate emergency



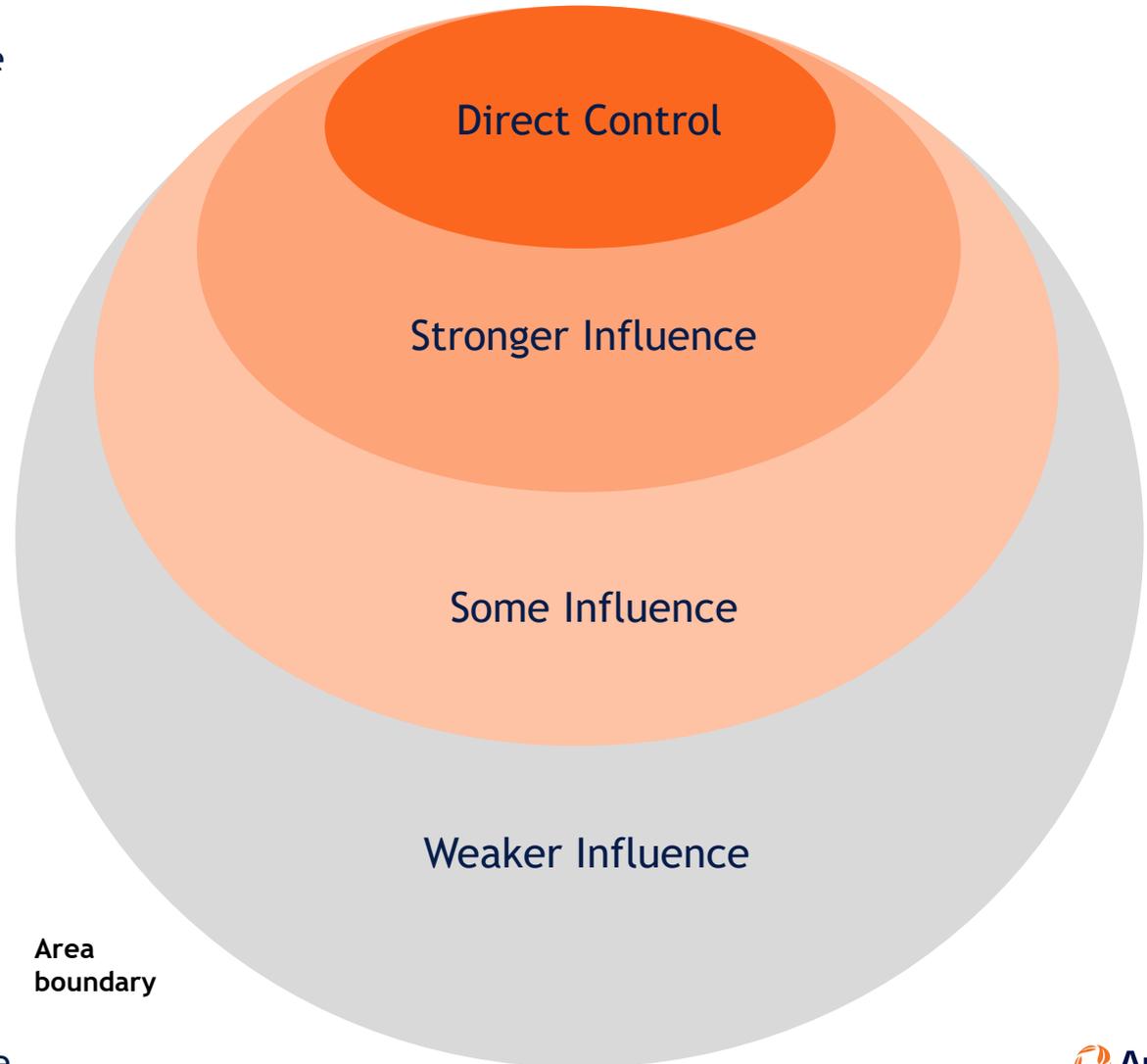
# THE ROLE OF LOCAL AUTHORITIES

Local government's influence varies - so does its role

Most influence



Least influence



# ACTIONS CITIES CAN TAKE TO REDUCE EMISSIONS AND IMPROVE HEALTH

## IMPROVE ENERGY EFFICIENCY IN BUILDINGS

### Health benefits

- Improving the energy efficiency of homes can reduce ill health, children living in inadequately heated households are more than twice as likely to suffer from conditions such as asthma and bronchitis than those living in warm homes
- Improving the energy efficiency of domestic buildings will reduce fuel poverty.
- Energy efficiency in commercial buildings improves the health and wellbeing of individuals, with employee sick days decreasing by up to 40%
- Heat pumps can help to reduce the air pollution caused by heating. They do not emit NO<sub>x</sub>, SO<sub>x</sub> or particulate matter (PM) locally

### Examples

The **Manchester Housing Provider's Partnership** brings together housing providers and Manchester City Council to work collectively to support the City's net zero targets. Various members have embarked on the development of zero carbon strategies and asset management plans as a result (with further actions planned). The partnership is responsible for approximately 70,000 homes in the local authority.

**Solihull Community Housing** are building 7 bungalows to Passivhaus standard to reduce carbon emissions and fuel poverty. The properties will be of a high energy efficiency rating and will utilise local labour, contributing social value to the borough.

# ACTIONS CITIES CAN TAKE TO REDUCE EMISSIONS AND IMPROVE HEALTH

## DRIVE LESS, SWITCH TO ELECTRIC VEHICLES AND INCREASE ACTIVE TRAVEL

### Health benefits

- Increased physical activity due to active travel will help to reduce obesity figures and improve fitness levels of residents.
- Improving air quality helps to reduce health inequalities as air pollution levels have been found to have a strong association with deprivation levels.
- Less NO2 and pollution from vehicle exhaust fumes leads to health benefits, poor air quality has been linked to around 40,000 deaths a year in the UK.
- Less damage to children's cardiovascular systems causing asthma - the cost to the economy of premature deaths related to poor air quality is estimated to be £54bn a year.

### Examples

As part of **Solihull's** UK Central programme and piloted by Transport for the West Midlands and local transit firms, the Low Carbon Future Mobility project aims to use technology to reduce carbon emissions from short journeys, such as adopting low carbon delivery services. SMBC is looking to collaborate with local businesses on delivering shopping and food, especially as demand increases during the coronavirus pandemic.

**Transport for Greater Manchester** are launching a cycle hire scheme in the summer of 2022 with 1,500 bikes in response to the increased demand for cycling across Greater Manchester. More than 100,000 households will live within a five-minute walk of a docking station and e-bikes will be part of the fleet.

# NEXT STEPS

- ❑ Declare a climate and ecological emergency
- ❑ Develop a robust Climate Action Plan
  - Work with your colleagues on climate to provide your perspectives on climate action plans and strategy
- ❑ Build networks and engage stakeholders
  - Support the co-creation of solutions
- ❑ Establish proper internal governance
  - Engage with other colleagues to determine ways to break down silo
- ❑ Prioritise higher impact areas and implement projects
  - Support funding applications
- ❑ Deliver, monitor, report progress

**THANK YOU**

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