

NET ZERO CITIES



EU MISSION PLATFORM

CLIMATE NEUTRAL AND SMART CITIES



This project has received funding from the H2020 Research and Innovation Programme under grant agreement n°101036519.

here
we
are



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Innovation



Sustainability



Appeal



Inclusivity



Stakeholder engagement in CCC co-design: Barriers addressed

Parma Climate Neutral 2030 as local initiative which catalyzed innovation in:

- building a vision of a future city
- defining a detailed CCC with a list of concrete actions that must be undertaken and implemented in Parma by 2030

Possible barriers:

- Lack of widespread ownership
- No active participation
- Perceived as “monopolized” by the Municipality and not co-created and co-managed by the entire ecosystem



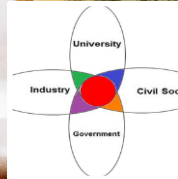
Stakeholder engagement in CCC co-design

Systematic engagement of the local ecosystem



City management group

- Core management group: General Management Sector
- Transition team: 6 Sectors
- Political board with 5 Deputy Mayors



Stakeholders

- Quadruple helix
- 3 Academia
- 11 Public Authorities (incl. Public companies)
- 20 Industries, SMEs and start up
- 12 NGOs and Associations



Measures

- 130 actions in 6 fields (Built environment, Mobility, AFOLU, IPPU, Waste, Behavioural)
- 7 strategies to reach -100%
- More than 400 millions € already allocated to climate neutrality projects



Field of action

- Field of action:

- Energy systems,
- Mobility & transport
- Waste & circular economy
- Green infrastructure & nature based solutions,
- Built environment
- Governance
- Policy and regulation
- Social Innovation
- **Citizen and stakeholder engagement**

Parma Italian Capital of culture 2020+21
EU project Ruggedised
European green capital Award
Climate Neutrality Alliance
Sectorial Plans



Main lesson learnt

DO'S

Start from the usual suspects and widen the perspective

Build trust and a strong relationship with stakeholders

Facilitate cooperation between different projects

Think from the beginning to the bankability of projects and the possible public private cooperation on funding opportunity

DON'TS

Long process

Lack of full political support for a long term vision

Work in sylos





Thank you!

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GUIMARÃES

A CITY BUILT BY CITIZENS

Francisco Carvalho – Laboratório da Paisagem
General and Innovation Coordinator
Guimarães Climate Team



MUNICÍPIO DE
GUIMARÃES

património mundial
world heritage



LABORATÓRIO
DA PAISAGEM
Guimarães



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GUIMARÃES' JOURNEY TOWARD CLIMATE NEUTRALITY



2001



2012



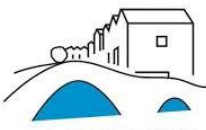
2013



2014



Environmental
Diagnosis



LABORATÓRIO
DA PAISAGEM
Guimarães

2015



Structure Mission
Guimarães
Getting greener



2018



Governance
Ecosystem
2030

2019



Energy
Efficiency
Office

2021



2022



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District C: a Zero-carbon Commitment

2023



2030



GUIMARÃES' GOVERNANCE ECOSYSTEM



- Science based decision making
- Knowledge transferability
- Community empowerment

Source: European Green Capital Candidacy 2017

OUR TARGET

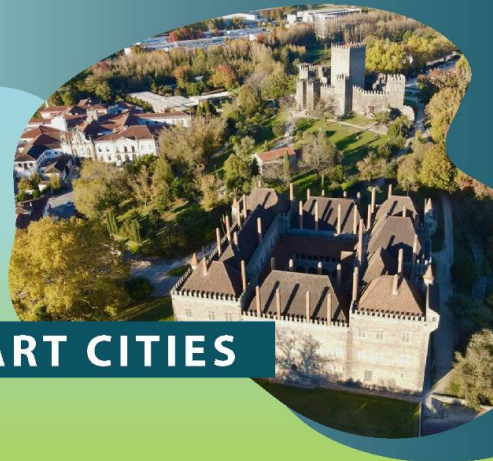


EU MISSIONS

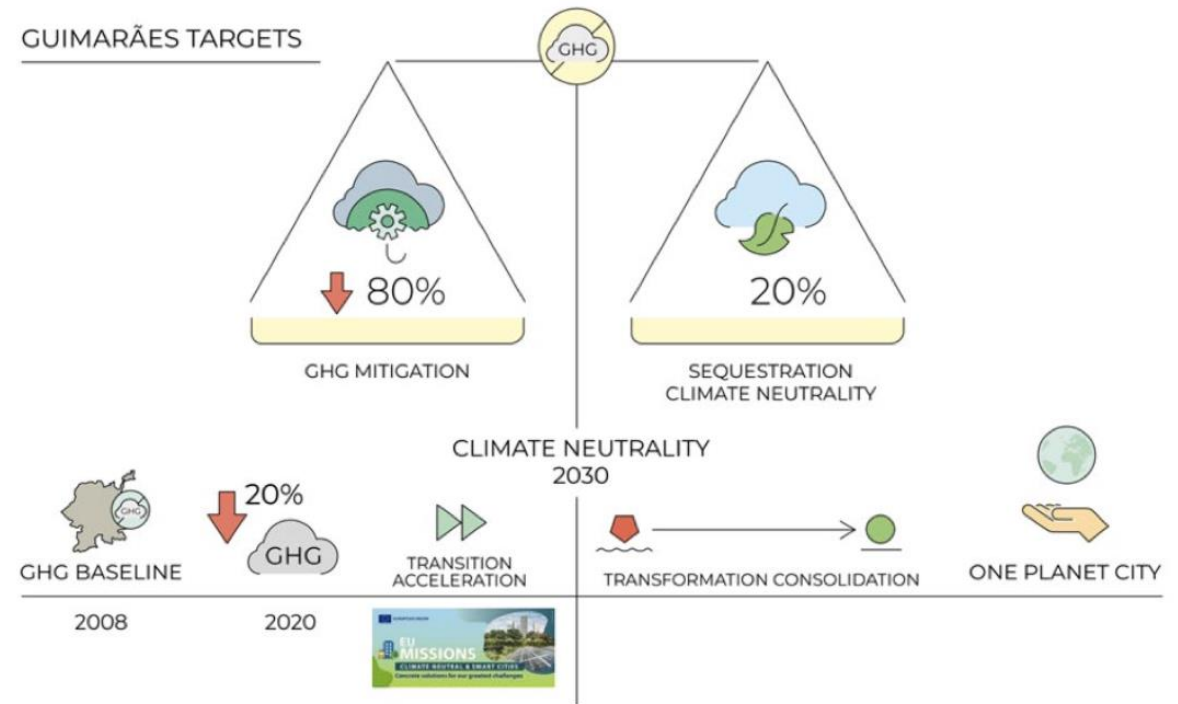
CLIMATE-NEUTRAL & SMART CITIES

Guimarães

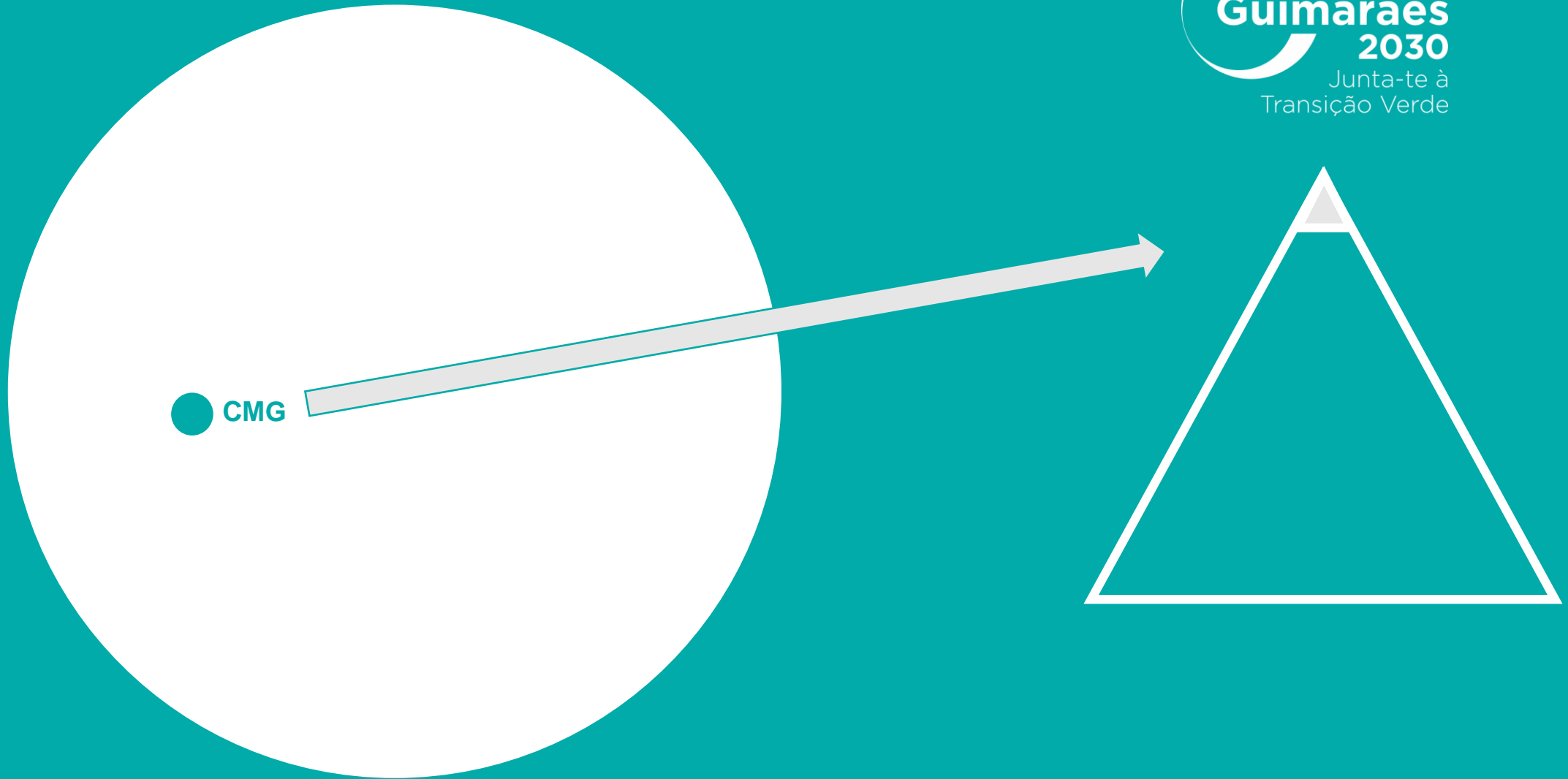
#EUmissions #HorizonEU #MissionCities



GUIMARÃES TARGETS



A BOTTOM – UP APPROACH



TERRITORIAL CHALLENGE

Governance Ecosystem

Integration of knowledge, science and sustainable development policies.

Climate Policy and Monitoring

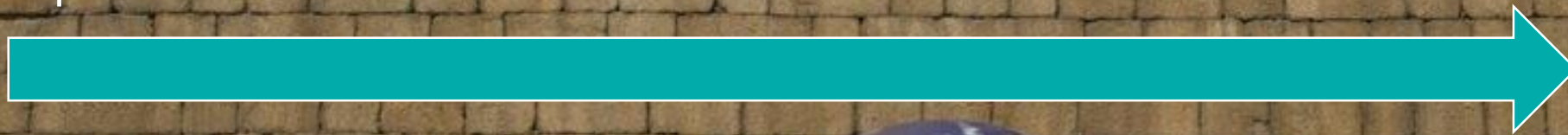
Using Climate Policy to guide us to climate neutrality by 2030.

Landscape Laboratory

Increase evidence-based decision making.

Participatory Good Practices

Citizen Science, communication; active and participatory citizenship.

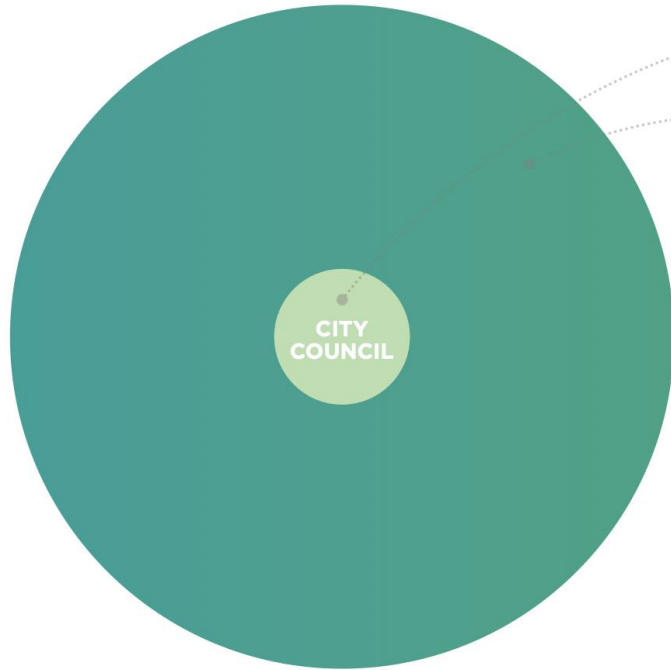


CONNECTING STAKEHOLDERS

Climate Pact
Industry, Business, Associations and Institutions



2030 Climate City Contract Investment Plan



77 M€

Municipal
Investment

1174 M€

Total
Investment

Areas

- Sustainable Energy
- Zero Waste
- Zero Emissions mobility
- Nature, Biodiversity & Soil



WHAT ARE WE DOING?

+ 100 private companies signed the pact

Co-Creation workshops

Technical & Scientific support

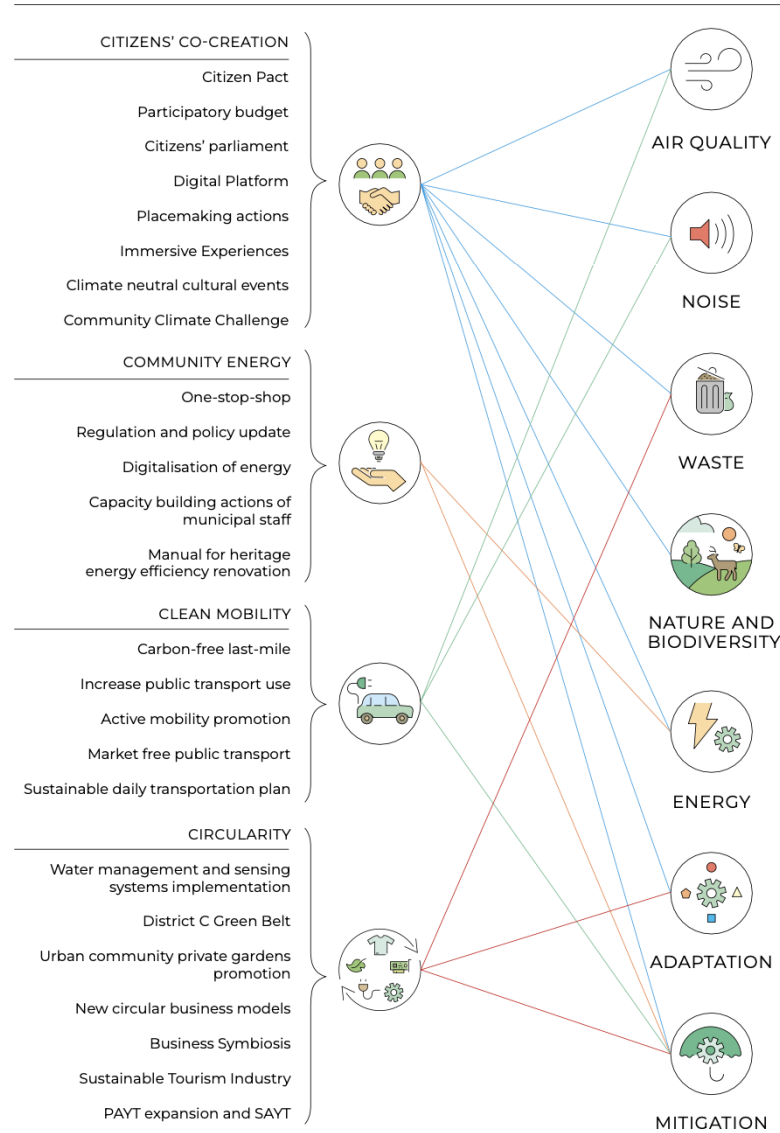
Citizens assembly

Action Plan for Schools 0 EMISSION



DISTRICT C – A ZERO CARBON COMMITMENT PILOT

DISTRICT C: ZERO CARBON COMMITMENT



AQUI
NASCEU
PORTUGAL



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Agora Lyon 2030

A new framework for cooperation and action for the climate in Lyon

- 64 member that are representative of the diversity of local players and are ready to work together to build a shared vision for achieving climate neutrality in the city of Lyon by 2030.
- The Agora met 5 times during the first half of 2023. It worked on sobriety, which it identified as the top priority to successfully take on climate change. The Agora formulated 16 commitments, as well as 29 proposed actions for the public authorities.
- The contract is a living document and will grow as the Agora's ongoing work progresses;
- Each member of the Agora has also drawn up a *Lyon 2030 cooperation and commitment agreement* that meshes with the collective vision of the city contract, which are tailored to their unique challenges, their capacity for action, and their core business or activity -> more than 150 commitments,.



Barrier/s addressed by the Agora and Lyon 2030 approach



- legibility of the existing cooperation framework and how to address collectively the climate challenge
- link between certain public policies and actions carried out by local players and citizens
- community building and democratic decision-making and action processes
- highlighting the 2030 vision, needs and possible synergies
- The solution apply to a local level.





Field of action

- Can you tell about the field of action of your solution?
 - Governance
 - Social Innovation
 - Citizen and stakeholder engagement

But the result of the action lead to tangible solution with other fields :

- Energy systems,
- Mobility & transport
- Waste & circular economy
- Green infrastructure & nature based solutions,
- Built environment





Main lesson learnt

The process is as much important as the result -> bringing together players who don't know each other, taking the time and using democratic methods lead to new projects ;

Over and above the figures, we must also listen to and mobilize the affects and value the human, collective pathways on how local players and citizens are already participating in changing the city towards climate neutrality ;

The ambition of climate neutrality seems unattainable and can be frightening -> we need to present the goal of climate neutrality as a shared adventure where the idea is to collectively do our utmost and contribute to a city of Lyon that is carbon neutral but above all more pleasant for everyone.





Where to find additional information

- [Presentation of the Lyon 2030 approach](#)
- [Pacte climat Lyon 2030](#)
- [Agora Lyon 2030 video playlist](#)



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Solution: Community Climate Action



What is the solution and how it works ?

Learning, Equity & Leadership

A 3-year programme led by organisations representing communities experiencing multiple deprivation who have been excluded from the climate change debate and responses to it, comprising:

1. Plans: 18 plans made by communities for communities
2. Panel: Inputting into decision making at a strategic level
3. Creativity: The unique power of “encounter” to engage: Films, workshops, sculptures, young people...
4. Equity & climate justice: Disabled people inputting into strategic decisions, transport and community planning



Our baseline community carbon footprint



Our community's carbon footprint summary

Our carbon footprint report, produced by Bristol charity the Centre for Sustainable Energy, shows us the scale of ACH tenants' carbon emissions, and the main 'consumption activities' responsible for these emissions – such as the use of energy to heat homes, the buying and eating of food, and the use of different modes of transport.

Having a picture of what our ACH community carbon footprint is helps us understand the activities which result in carbon emissions, and from here we can begin to think about the breadth of activities needed to reduce emissions, where to focus our attention, and to explore which activities are possible at the community-level, and which require Bristol-wide, national, or even global commitment and action.

33%

of our emissions result from residents' use of energy in their homes

29%

of our emissions result from the consumption of food products by residents

1%

of our emissions result from the management of residents' waste

5%

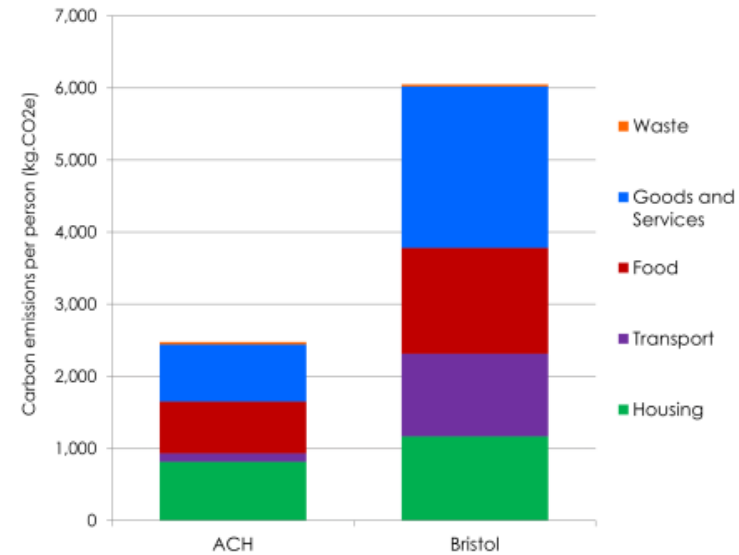
of our emissions result from the transport choices and behaviours of residents

32%

of emissions result from residents' purchase of goods and the use of services

What did we learn?

Below is the average carbon footprint per person (i.e. per ACH tenant), and in comparison to the Bristol average –



Barrier/s addressed by the CCA approach



- Climate Action can be at odds with Just Transition
- People in deprived areas and marginalised communities feel excluded from the climate movement
- Certain Communities are poorly understood by policy makers
- Climate (and nature) policy is poorly expressed to communities
- Policies can fail or be reversed when citizens are not brought on board

Scale:

The solution apply a neighbourhood level, but has started to become city wide, a bid pending will take it regional and looking at interest across the UK could go national





This Community Climate Action Plan is guided by the principle of a fair and just transition to net zero through climate action which also improves the quality of life and life chances of citizens experiencing disadvantage and inequality. Equity and inclusion underpin an effective response to climate change. Climate projects are often well intentioned but frequently exploit excluded groups by demanding time for free to help them become "more inclusive"; and many climate actions and solutions make life worse, not better, for groups and communities who are already excluded and experiencing deprivation. The Community Climate Action Project seeks to do things differently.





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One strand of a **wider programme** and approach which seeks to:

- **Start where citizens are at** and apply a ‘cobenefits’ approach
- Just Transition approach to **asks and offers**, to behaviour change vs support
- Challenge **failing climate change messaging** using research and innovation





Main lesson learnt

- The approach works – if you listen and start from where people are at you get outcomes including skills, nature planting, food growing, transformed spaces within neighbourhoods, reduced energy bills, Bristol's very own Just Transition Declaration, changes to city policies – and yes even reduced emissions!
- Community «Anchor» organisations have transformed - as have individuals
- Build in more time for co-creation with agencies





Where to find additional information

- [Community Climate Action Archives](#)
- [Read the Community climate action plans](#)
- [Community Leadership and Just Transition Panel](#)
- [Creativity and climate action](#)
- [You Tube clips about the Community Climate Action project](#)
- [Bristol Climate Hub pages on CCA](#)
- [Bristol Climate Hero stories](#)
- [Learnings from Black & Green Ambassadors programme](#)

