

Declaring our caring

Ambition Lawrence Weston

Community Climate Action Plan

2022



Let's make change with **Ambition** Lawrence Weston

Introduction



"As the Chair of Directors for Ambition Lawrence Weston, it is a great honour to present to you our resident led community climate action plan for Lawrence Weston. We have worked hard to consult and listen to our residents to co-produce this important document, that not only outlines our residents' aspirations to becoming carbon neutral by 2030, but highlights the co-benefits to their overall health and wellbeing with solutions to creating a healthy and sustainable future for all."

Norman Routledge, Chair of Directors

We are facing a global climate and ecological emergency. We need to act now. Bristol has declared a Climate Emergency and communities have a critical role to play. In response to the Climate Emergency, Bristol has set itself the task of reducing direct and indirect carbon emissions to net zero by 2030. Bristol's One City Environmental Sustainability Board, published the One City Climate Strategy in February 2020, setting out a pathway of action on how Bristol can become carbon neutral and climate resilient.

This mammoth undertaking will require the collective skills, knowledge and energy of the whole city, and this Community Climate Action Plan for Lawrence Weston responds directly to this need.

This Community Climate Action Plan for Lawrence Weston has been developed as part of the Bristol Community Climate Action Project which aims to enable communities in Bristol to significantly reduce their carbon footprints and contribute to the goal of Bristol becoming a carbon neutral city by 2030. Through coproduction and community led climate action the project aims to contribute to three significant impacts:

1. A reduced risk of catastrophic climate change;
2. A just and inclusive transition to carbon neutrality;
3. Supporting wider community needs and priorities through co-benefits which improve quality of life for local people (e.g. improved health and well-being, economic opportunity, resilience, social cohesion and improved biodiversity).

The Bristol Community Climate Action Project consists of a partnership of community organisations across the city: Ashley Community Housing, Ambition Lawrence Weston, Bristol Disability Equalities Forum, Eastside Community Trust, Heart of BS13 and Lockleaze Neighbourhood Trust, supported by Bristol Green Capital Partnership, the Centre for Sustainable Energy and Bristol City Council (Sustainability and Climate Change Team) and sees Bristol's communities stepping into a leadership role in the city demonstrating their ability to respond to the challenges of climate change with effective, community-led action.

Let's make change with Ambition Lawrence Weston

The programme is led by six Bristol organisations representing communities experiencing multiple deprivation who have traditionally been excluded from the climate change debate and responses to it. During 2021 these community partners have developed Community Climate Action Plans in collaboration with the communities they represent, which will reduce emissions, and lead effective carbon reduction programmes in their own communities and across Bristol. The priorities identified in these plans will be implemented from 2022 onwards, with the extent of the delivery depending on the funding and support response to the Community Climate Action Plans from the wider city and beyond.

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.

"Never doubt that a small group of thoughtful, committed, citizens can change the world. Indeed, it is the only thing that ever has."

Margaret Mead

"I really value being able to hear the views of Lawrence Weston residents on this extremely important subject. I know that there are particular challenges which face a community on the edge of the city; and I want the Council to have a better understanding of how we can make it possible for residents in every part of the city to live, and travel, in ways which promote better health and reduce carbon emissions."



Don Alexander, Bristol City Council Labour and Co-op councillor for Avonmouth & Lawrence Weston ward and Cabinet Member for Transport.

Why

“In 2030, Bristol is carbon neutral and climate resilient. We have collectively achieved a fair and inclusive transition; capturing the opportunities of new jobs and investment, improved health, wellbeing and education, and a better environment for local people. We have helped lead the way to a safer global climate.” Bristol One City Climate Strategy

In order to significantly reduce the risks of catastrophic climate change, carbon emissions must be reduced rapidly. For Bristol to achieve its ambitious zero carbon ambitions by 2030 the collective skills, knowledge and energy of the whole city will be needed. Communities and Community hub organisations have an important role in this.

Any city looking to reduce emissions as rapidly as possible would not start with deprived and excluded communities, as households in these communities typically have the lowest emissions and environmental footprints in the city. However, any city that seeks to solve the climate and ecological crisis at the exclusion of any of its communities will fail and exacerbate other issues societal simultaneously.

While we are realistic that even the contribution a city of half a million people becoming Carbon Neutral by 2030 is tiny on the world stage, it is through leadership of communities like ours that we can move towards meaningful change on a global scale. Similarly, Ambition Lawrence Weston and the Community Climate Action Project cannot hope to deliver carbon neutrality in isolation, it is nevertheless logical and imperative that is the primary measure that the programme would be measured against. Community Climate Action Plans will be the primary catalyst for change, providing a structure, a case for resources and a clear sense for direction for communities looking to pull together and take action.



Climate Justice

Climate change impacts also exacerbate existing inequalities, so those communities most at risk are typically those already suffering from marginalisation, disadvantage and exclusion. These communities may be more vulnerable to the impacts of extreme weather events such as flooding or heatwaves as a consequence of where they live and the loss/disruption of critical services which they rely upon. However, such communities will also tend to have a lower resilience to the impacts due to the interplay of socioeconomic factors which affect their sensitivity and adaptive capacity to the threat/physical hazard. Examples include: fewer social or economic choices, levels of disposable capital or other safety nets in times of crisis, poorer access to public services and community facilities, and less of a voice in policy decisions about potential decisions or responses.

Underpinning the need for this project is not only the unjust and disproportionate impact of Climate Change on the most vulnerable communities, but compounded with that, the risk of solutions being imposed upon communities rather than developed in partnership with them, in the event of a climate crisis or emergency response. Such an approach risks creating poorly designed responses that would be unpopular and ineffective, and would serve to further exacerbate existing inequalities.

When this cartoon was created by Joel Pett in December 2009, it spread like wildfire as a response to deniers and business as usual refusers. However, has the spirit of this cartoon caused some of the problems we now face? It has become an accepted tenet that climate solutions from cycling infrastructure to renewables to electric vehicles, to widespread recycling will ipso facto make the world a better place for all and deliver a range of co-benefits.

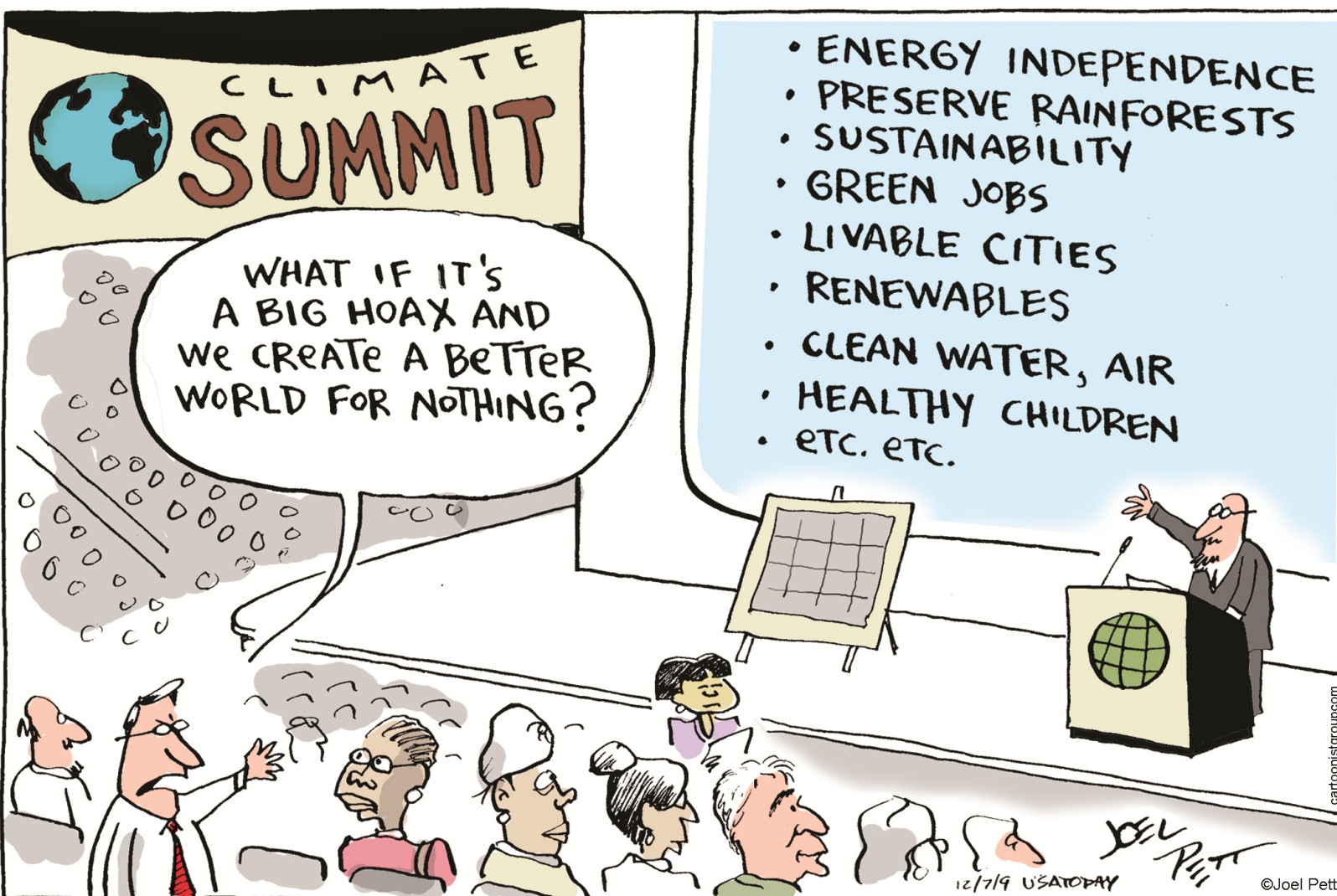


Image credit: Joel Pett Editorial Cartoon used with the permission of Joel Pett and the Cartoonist Group. All rights reserved

However, Ambition Lawrence Weston and the other communities participating in the Community Climate Action Project have experienced first-hand how this is not the case, with disabled people being disadvantaged by badly designed walking/cycling infrastructure, green jobs being delivered to white collar jobs market, not blue collar jobs, and market-led change like the explosion in independent local retail being limited to well-heeled neighbourhoods while many edge-of-city areas of social housing remain bereft of even the most basic retail facilities.

Instead, we need to move to solutions which are responsive to the needs of all our communities, and this requires delivery through collaborative action with partners within and beyond the community, rather than change imposed from outside. The Community Climate Action Project partners represent communities traditionally excluded from the discussion on climate change. Through local leadership, a co-production process, deep community engagement, learning from past experience, and reframing of the issue into a language and approach that is accessible and engaging, the aspiration is for them to become engaged and empowered leaders in the city's climate action, leading to a transition to a low carbon economy which is fairer, more inclusive and better meets the needs of society's most vulnerable.

Climate Change and sustainability are cross-cutting themes which impact all parts of our society and economy, it is to be expected that the positive impact of reducing carbon emissions, and a more just and inclusive transition, and change generated from starting with where people are at, would then deliver those much needed wider 'co-benefits' such as improved health, economic opportunities, increased equity and social cohesion, increased resilience, and ecological health and biodiversity.

Why community led climate action?

Climate action requires collective action. By working together we can take powerful Community Climate Action which reduces carbon and improves lives.

The climate action we take as individuals and households is critically important. And the actions of businesses and organisations too. But we can't solve the climate crisis without community.

In Bristol, community has been key to so much the city has achieved. It's people working together that makes real change happen. With community we can achieve great things.

During the Covid pandemic, Community organisations in Bristol such as Ambition Lawrence Weston demonstrated significant leadership – in many cases stepping up to fill the gap in the local, civic Covid response (at times when councils and government couldn't). We believe this strengthens the case for the importance leadership role community organisations such as ours, can and should play in the city's response to the climate emergency.

Community organisations are also experts of their place and the lived experience of their community, and so are well equipped to develop pragmatic and targeted solutions which work for their specific communities. Alongside governmental, business and individual action, community-level climate action is a critical piece of the jigsaw if we are to meet the city's ambitious 2030 zero carbon ambitions.



"Just to assure the residents, Ambition Lawrence Weston are committed on delivering climate change, but not at the expense of meeting the residents more immediate and pressing priorities, like poverty, housing needs and access to services and employment. We are absolutely focussed on meeting the pressures our residents are experiencing right now, whilst impacting on positive climate change outcomes at the same time."

Mark Pepper, Lifelong Resident of Lawrence Weston and Ambition Lawrence Weston Development Manager



"Residents have led and shaped the energy projects in Lawrence Weston to improve health and wellbeing (tackling fuel poverty) and to tackle the climate emergency. Residents, when surveyed, overwhelmingly support renewable energy and this is demonstrated by their support for a new community onshore wind turbine. If we are to truly realise the challenge of the climate emergency it must be done with people and meet health and wellbeing needs. In doing so, a healthy home is a healthy planet."

David Tudgey – Project Development Manager of Ambition Community Energy CIC

Our ambition



Ambition Lawrence Weston (ALW) is a group of residents of a defined neighbourhood and community called Lawrence Weston situated in North Bristol. We came together to take action after a decline in services and closure of local facilities. In 2012 we formed a Charity and registered company limited by guarantee to improve living in our area. Ambition Lawrence Weston aims to reduce economic and social disadvantage experienced by many residents, increase participation in community life and to improve access to opportunities and services that residents need and deserve. Our work is directed and delivered by our residents, for our residents.

Lawrence Weston is a friendly and vibrant neighbourhood where the word “community” really matters. It will become a community where residents of all ages, can live happy, healthy and fulfilling lives both now, and in the future. We want to ensure the creation of a mixed, well-balanced community with high-quality, energy-efficient, affordable accommodation. Residents will be able to travel safely on well-connected and affordable transport routes, and access high quality jobs, services and shops. They will be able to enjoy modern community, health and leisure facilities and an attractive environment which is safe, clean and well-maintained.

Ambition Lawrence Weston's collective goal is to ensure a fair and just energy transition that benefits left behind communities to ensure we are benefitting from the positive impacts delivered when addressing climate change. Our aim is to improve the health and wellbeing of residents and ensure they are not left even further behind than the rest of society, whilst taking equal responsibility and delivery for the climate changes needed. We decide on this goal as it will not only help

address the climate emergency but also meet other priorities and needs faced and sustain climate awareness and delivery. By creating an accessible energy learning zone, it will demystify renewable energy, give engagement and awareness about climate change, involve communities in the energy transition, inspire the next generations of renewable energy engineers by involving schools, parents, young people, trades, and households. Upskilling trade people will support the current skill shortages that is restricting the delivery of new environmentally friendly ways of construction.



Context: our organisation



Ambition Lawrence Weston is a community driven Regeneration Project for the Lawrence Weston community. Having carefully researched and published a detailed Community Development Plan (in 2013 and refreshed again in 2018), where our work is about ensuring that residents:

- Can access quality and sustainable jobs, services and shops
- Can benefit from high quality education and training throughout their lives
- Can enjoy modern community, leisure and art facilities
- Can look after their physical, mental and spiritual wellbeing with access to high quality and appropriate services and support
- Will have secure access to adequate amounts of affordable, safe, nutritious and culturally appropriate foods
- Understand their rights and are empowered to make choices to improve their own lives
- Have access to safe and well-maintained green spaces and are actively involved in their upkeep
- Enjoy an environment which is looked after, safe and clean
- Can access healthy, sustainable and affordable homes for all stages of life
- Can travel safely on well-connected and affordable routes
- Feel part of a community which supports and looks after one another and is welcoming and inclusive
- Collectively celebrate the heritage and identity of the neighbourhood and plan carefully for its future
- Have a strong voice and can be at the heart of decision making locally

What makes us different is that we are genuinely a grass roots organisation, resident led and driven, working bottom up and influencing other stakeholders and decision makers at both local and national level. Our overall aim is to improve holistically the health and wellbeing of all residents in a direct delivery and strategic way. Our community plan outlines how we want to improve our area, which has historically missed out on external investment, by using resources available to us including partners, stakeholders and residents, along with making the most out of The Locality Act and My Community Rights to influence and enable a joined-up approach in improving what is not so good and build on the things that are already good. We produce a quarterly magazine 'On Your Doorstep' which goes out to every household, we hold monthly 'pop up' style catch up cafes where residents can come and talk to us, we have produced a 'welcome handbook' which includes all useful and relevant information about the community which is given to new residents through housing allocation teams and Estate Agents, use social media, hold community events, coffee mornings and alike to ensure we are reaching all community members new and old.

Let's make change with Ambition Lawrence Weston

Since incorporating in 2012, and becoming a registered charity in 2013, Ambition Lawrence Weston has secured the future of Lawrence Weston Youth Centre and prevented its closure, which provides a dedicated community hub. It has also successfully secured £1 million of funding from the Local Trust managed by The Big Local Lottery fund. Ambition Lawrence Weston facilitates the "Lawrence Weston Community Network" which brings together over 40 organisations (public and voluntary) working in or for Lawrence Weston to encourage information sharing, joint projects or initiatives and problem solving through peer support. ALW also facilitates the Lawrence Weston Neighbourhood Planning Group, the Local Authority's recognised planning forum which was set up to deal with all planning and land use issues in Lawrence Weston. Additionally, ALW supports a number of smaller groups and individual residents to come together to tackle issues within the local neighbourhood.



"Fly dumping or tipping is the dumping of waste illegally instead of you using more authorised methods like curb side collection. Why is this a problem? It could harm the wildlife by trying to eat the dumped food, and secondly, it makes the place look trampy."



Freddie (aged 12), volunteer litter picker

Let's make change with Ambition Lawrence Weston

Community climate heroes

Three local men have come together to set up a new initiative in Lawrence Weston. They wanted to set up a project where they can use their trade skills as well as creating a safe place to bring men together. The project originally started with no home to speak off. They did weekly outreach at a local older peoples' residential home. LW were in talks with them to have a permanent container put on that site. However, as negotiations progressed, the home had a merger with another company which put the blockers on the Men in Shed project.

With that in mind and considering the growing popularity of the project, there was the option to move into the Lawrence Weston Youth Centre in a former self-contained lockable craft space which was unused at the time. The LW team removed the disused kiln (and stored it away safely) and renovated the room into a proper workshop. They subsequently expanded by adding a steel shipping container directly outside for their stock (wood, etc.) with it fence around to create a secure outside workshop. Ambition Lawrence Weston supported this idea and applied for some kickstart funding, and in 2019 'Men in Sheds' was born.

Nobby, Mike and Jim have a lot of skills between them that they could share and upskill local residents who wanted to learn something new. They were also keen to support items ending up in landfill unnecessarily. They run a repair café, where residents can bring either damaged or unwanted items along, have them repaired and take home, or donate to families in the local community for free. They have also been supporting Lawrence Weston in Bloom by making birdboxes and garden planters for the local community.



Men in Sheds are now exploring how they can be linked into the award winning CHEESE project (Cold Homes Energy Efficiency Survey Experts), as well as supporting other neighbourhood.

Watch the Men in Sheds Climate video [here](#).

Men in Sheds

Come along and learn some new skills, share yours or you can bring along items to be repaired and we will do our best!

Open Monday, Wednesday and Friday 10am-2pm and Some Saturday mornings at Lawrence Weston Youth Centre Workshop

Ambition Lawrence Weston | COMMUNITY FUND | HOWDENS | Quartet Community Foundation

Context: our community

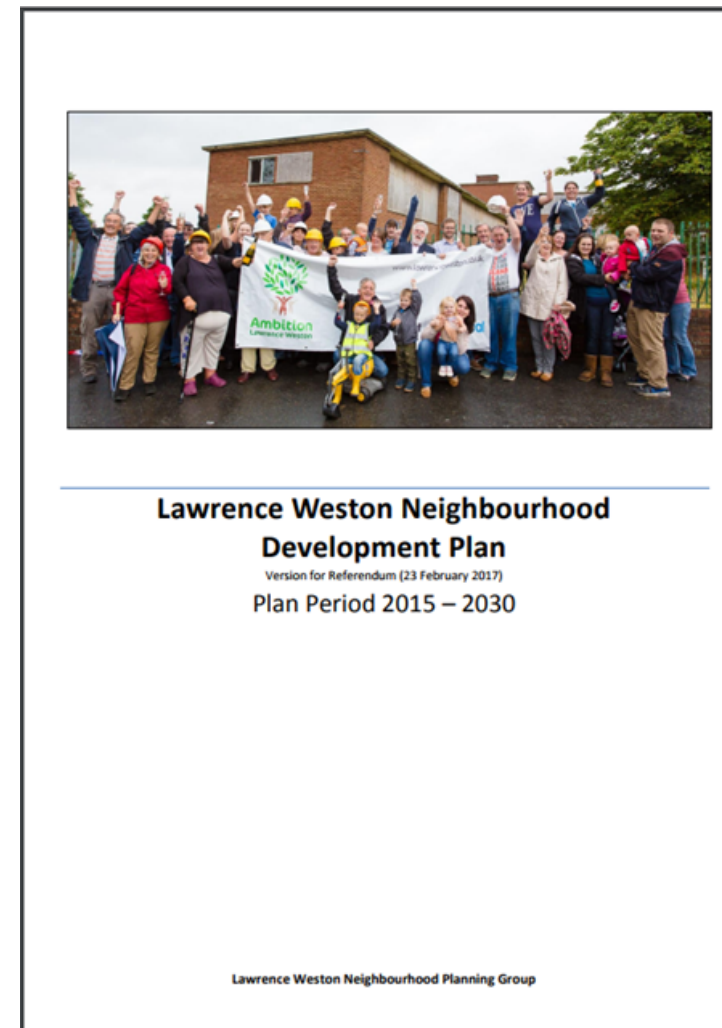


Community portrait

'What's great/special/unique about our community' is the fact that Lawrence Weston has a Neighbourhood Development Plan (NDP). This legal document sets out objectives on key themes including housing, traffic and transport, parks and green spaces, jobs and skills, community facilities, retail, health and wellbeing and urban design. Planning applications within Lawrence Weston must be considered against our NDP as well as existing planning policy. It supports achieving land-use objectives in the Lawrence Weston Community Plan. The NDP means local people now have more say in how Lawrence Weston will develop.

The objectives of the NDP are:

- Promote sustainable development
- Encourage the provision of new housing on a variety of sites in general conformity with the Bristol Local Plan
- Provide a diverse range of tenures, forms and size of housing to encourage a wide variety of prospective residents to Lawrence Weston
- Ensure that the highest standards of building, public realm and landscape design are achieved and maintained
- Promote more sustainable, active travel options for the residents of Lawrence Weston
- Improve accessibility and connectivity between Lawrence Weston and the rest of Bristol
- Safeguard and create local employment through the provision of flexible commercial floor space in Lawrence Weston
- Create a more diverse and affordable convenience retail offer and support existing independent shops and services
- Safeguard and improve existing, and allocate new, community services and facilities



Work on the Lawrence Weston Neighbourhood Development Plan started back in early 2012. Initially residents were involved in putting together a Community Plan for the area. The Community Plan sets out a vision for the neighbourhood that reflects local needs and aspirations. Through the Community Plan process, Ambition Lawrence Weston, along with a sub group; the Lawrence Weston Neighbourhood Planning Group (LWNPG). The proposed Neighbourhood Planning Area put forward by LWNPG was designated by Bristol City Council (BCC) on 31 January 2013. LWNPG then successfully applied to be the Neighbourhood Planning Forum for that area and were designated as such on 1 May 2013. LWNPG has 30 resident members including the local councillors.

What this means for our community

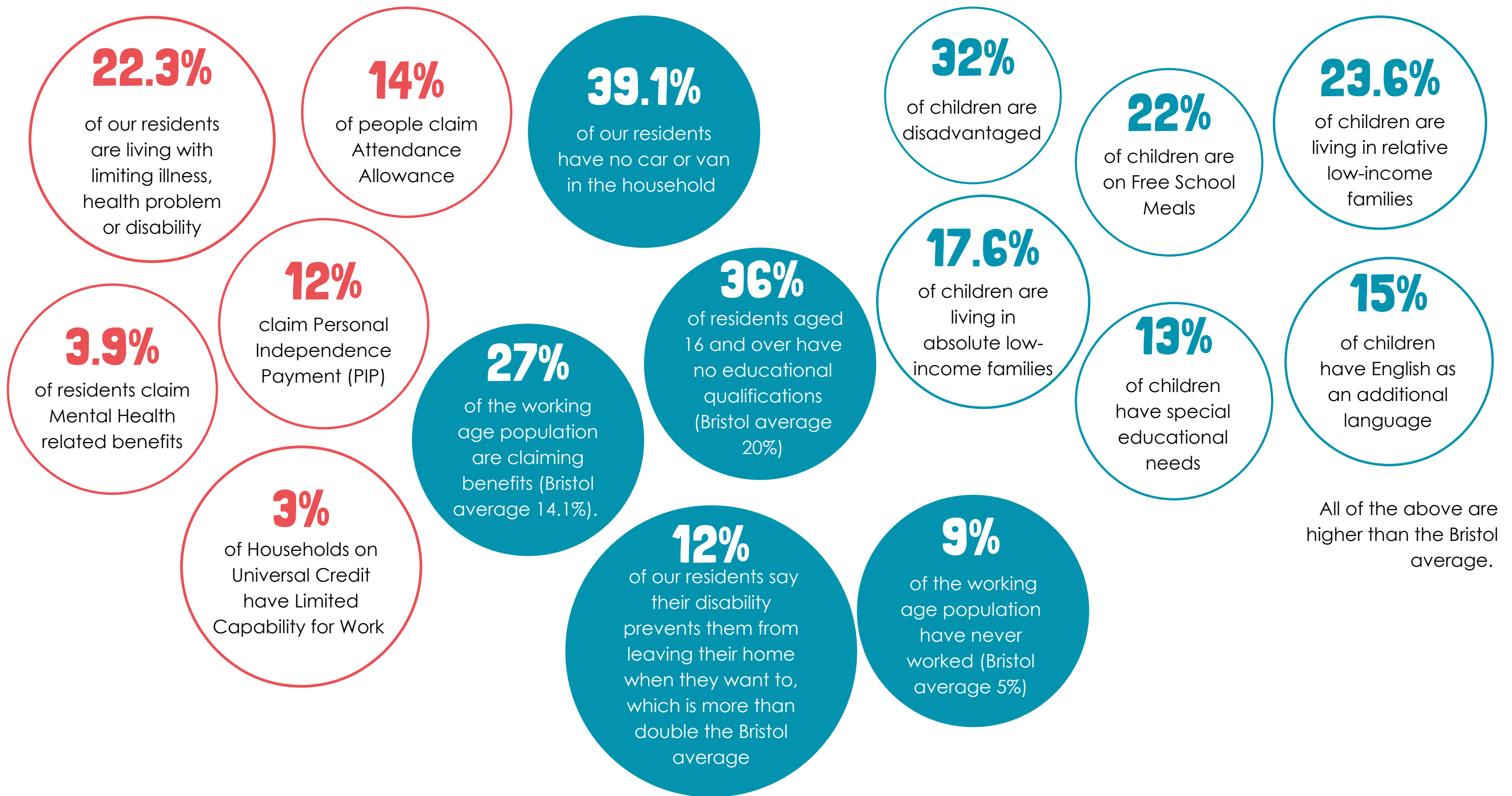
The NDP therefore enables the community plan and its aspirations to become a reality. It empowers local residents to have a louder voice that all prospective developers, including the local authority, must listen to. This also enforces engagement and consultation with, and between, local residents and developers, whilst strengthening the resident's ability to change proposed developments to better meet the needs of the local area and its residents.

Now that the NDP received overwhelming support through a local referendum it is now recognised as a statutory document with legal standing. This then attracts a higher level of the local element of community infrastructure levy (CIL). This fund can then be used to further improve the local area and deliver the community plan.

Our community

'Residents living in Lawrence Weston face systemic inequality across their life course. There are 7,346 residents living in Lawrence Weston, of which 84.9% are living within the most deprived 20% of wards in Bristol, (Ministry of Housing, Communities and Local Government Indices of Deprivation 2019), with a lower-than-average life expectancy (Males 78, Bristol average 80 and Women 80, Bristol average 84) (Office for National Statistics 2013-2017). There are four lower super output areas (LSOA) in Lawrence Weston, and two of them are within the top 10% for deprivation in the country, 13% of our residents are over 65, which is higher than the Bristol average, and 46% of these receive a community-based service. 29% of our population is 0-15, again higher than the Bristol average. 16% of households are lone parent families and 18% are pensioner households. (Census 2011)





Health inequalities arise because of the conditions in which we are born, grow, live, work and age. These conditions influence our opportunities for good health, and how we think, feel and act, and this shapes our mental health, physical health and wellbeing. Residents living in Lawrence Weston are living in deprivation, have a lower-than-average life expectancy, do well less at school and leave with no or few qualifications, have less job prospects and opportunities and live-in poorer health with life limiting illnesses.

Context: climate



We are facing twin emergencies: a climate emergency and an ecological emergency. Human activities are estimated to have caused 1°C of global warming above pre-industrial levels. [insert commensurate stat for EE? – e.g. species loss as CC is not number one cause]. We are already seeing devastating impacts of 1°C warming; this is expected to get worse. The science on the climate emergency is clear: we need urgent action to reduce our carbon emissions to limit global temperature rise to below 1.5°C, and so prevent disastrous impacts. Recently science has shown the severity of our impact on the worlds flora and fauna too. We also need to prepare for a changing climate, and adapt our societies, cultures and economies to be resilient to the impacts of climate change.

Global warming has already impacted natural and human systems through increased flooding, devastating wildfires, storms, loss of biodiversity and extreme drought. Climate-related risks to the environment, health, livelihoods, homes, food security, raw materials, water supply and economic growth will rise, even if we manage to limit change to 1.5°C, and the impacts will be felt differently in different regions. Populations most at risk are marginalised, disadvantaged and vulnerable. In Bristol, some of our most deprived wards will be the most vulnerable to the physical impacts of climate change.

“This is an emergency. People are already suffering and dying from the consequences of the climate and environmental emergency but it will get worse. So what did we do during this crucial time? What we will do right now? Well I will not stand aside and watch, I will not be silenced while the world is on fire – will you?”

Greta Thunberg, February 28th 2020 Bristol College Green.



“Thanks to the CHEESE projects energy audit of my home, they identified serious drafts entering my home following recent insulation works. This gave me the evidence to challenge the contractors who have now returned and rectified the work, and at long last I now have a much warmer comfortable home.”

Jacki Crouch, Local Resident, vice chair of the Planning Group and Director of Ambition Lawrence Weston

Context: Bristol

It is clear that in order to halt catastrophic climate change, we need to cut our emissions to zero; reducing them just isn't sufficient enough. Recognising and stepping up to this challenge, Bristol has committed to reducing its carbon emissions to 'net zero', and becoming climate resilient by 2030.

Bristol's One City Climate Strategy outlines the key changes across the city, and the UK, that will be needed to reach this goal. Whilst Lawrence Weston's households have a lower than Bristol-average carbon footprint, the community climate action plan has been an opportunity to engage our community's residents in this important mission of tackling climate change, to explore how they can be in the driving seat of changes in our community, and how we can ensure we max out on the benefits that can come from these changes – warmer and more affordable-to-heat homes, quieter and safer streets and cleaner air.

Whilst we have got a lower-than-average carbon footprint, this does not necessarily reflect an awareness of climate change and energy saving, but reflects the inequalities in the city with regarding fuel poverty and an ability to heat their homes.

Our natural environment is critical to our well-being and the climate resilience of our city – cleaning the air we breathe, improving our mental and physical health, reducing the risk of flooding and extreme temperatures (the two major climate change risks facing Bristol in the coming years), and acting as a carbon 'sink' (absorbing carbon from the atmosphere). Lawrence Weston has an abundance of local green

spaces, as well as Kingsweston House and Blaise Castle estate on our doorstep. We also have two local nature reserves which have been part of the city-wide 'My Wild City' project. The project worked with local organisations and linking people living in the communities nearby with these spaces. Through the project, people of all ages had more opportunities to explore and learn about the wild plants and animals in each local wildlife site, as well as develop the skills and knowledge to help care for them in the future.

In February 2020, Bristol declared an ecological emergency in response to the decline in wildlife in the city. In September 2020, the Ecological Emergency Strategy for Bristol was launched as the city's first coordinated effort to confront the decline in nature.

The strategy sets out the key ecological actions we need to take to achieve a carbon neutral and climate resilient city by 2030 and consists of four goals:

- Space for nature - for 30 per cent of land in Bristol to be managed for the benefit of wildlife
- Pesticides to reduce the use of pesticides in Bristol by at least 50 per cent
- Pollution - for all waterways to have excellent water quality which supports healthy wildlife
- Our wider footprint - to reduce consumption of products that undermine the health of wildlife and ecosystems around the world.

In addition, the One City Climate Change Strategy set out two goals for the natural environment:

- The natural environment in Bristol will be restored, protected and enhanced to deliver climate change benefits
- As the climate changes, we will adapt to limit damage to wildlife, whilst supporting opportunities for recovery and protection of species.

We have given consideration to the ambitions of the Ecological Emergency Strategy when developing the priorities of our Community Climate Action Plan.

Read the full Ecological Emergency Strategy for the city
We have been doing a lot of work on ecological issues in Lawrence Weston, notably our triple award winning 'Lawrence Weston in Bloom' Project (outstanding 2019, certificate of recognition in 2020 and in 2021 we also received level 5 outstanding). There are two strands to this project. The first is around ensuring that our green spaces are safe and clean for our residents to be able to use, and the second is our focus on the biodiversity (the amount of diversity between different plants, animals and other species in a given habitat at a particular time) within our local community.

Bristol Citizen's Assembly

In 2021 Bristol held its first Citizens' Assembly. Sixty representative Bristolians were asked to make recommendations in response to the question: "How do we recover from COVID-19 and create a better future for all in Bristol?".

The climate specific recommendations made by the Citizens' Assembly are:

1. Climate change: How do we rapidly reduce the impact of our homes on climate change?
 - Training and upskilling the workforce within five years
 - Programme of implementation to meeting housing emissions targets
 - Financing options to support home owners and landlords
 - Independent One Stop Shop
 - Bristol standards for energy consumption and efficiency
 - Pilot programme for a street or neighbourhood
2. What changes should we make to our neighbourhoods to make how we travel easier, healthier and better for the environment?
 - Engage and communicate our climate commitments
 - Reduce air pollution urgently
 - Prioritise sustainable, safe, healthy, accessible alternatives to the car for all
 - (Re)create people-centred liveable neighbourhoods
 - Involve people in the planning and implementation of transport initiatives.

Following the Citizen's Assembly, Bristol City Council developed a series of specific actions for each of these recommendations, which we have considered when drafting the priorities for our Community Climate Action Plan. You can read a full summary of the recommendations from the Bristol's Citizen's Assembly here:

Recommendations of the Citizens' Assembly - Bristol - Citizen Space

Impacts of climate change in Bristol

The potential impacts of climate change on our city and its residents are significant and wide ranging.

In the Bristol One City Climate Strategy (Preliminary Climate Resilience Assessment) evidence was gathered on physical climate risk to the city. Bristol's coastline is projected to increase by up to +72cm, Winter rainfall is projected to increase by up to 48%, Summer maximum temperature is projected to increase by over +9°C, Summer rainfall is projected to decrease by up to 68%.

The future climate is not certain. Under a high (4.3%) emissions scenario, by 2080, Bristol could expect to see radically changing environment, including increased winter rainfall, higher sea levels, and very significant increases in summer heat. This milestone is the age today's primary school children will retire. These climate hazards present serious risks to Bristol's homes, businesses, schools, community assets, and critical infrastructure causing negative impacts to livelihoods, disruptions to our daily lives and a risk to life. These impacts will get progressively worse up to 2080.

Climate change is a complex challenge. We recognise the interconnected and global nature of the world, which exposes Bristol to potentially catastrophic climate risks arising well beyond the city's boundary. We also acknowledge our local, national and global responsibility to take bold and immediate climate action as a city, and to share our successes and challenges openly and generously.



Our baseline community carbon footprint - what did it tell us?

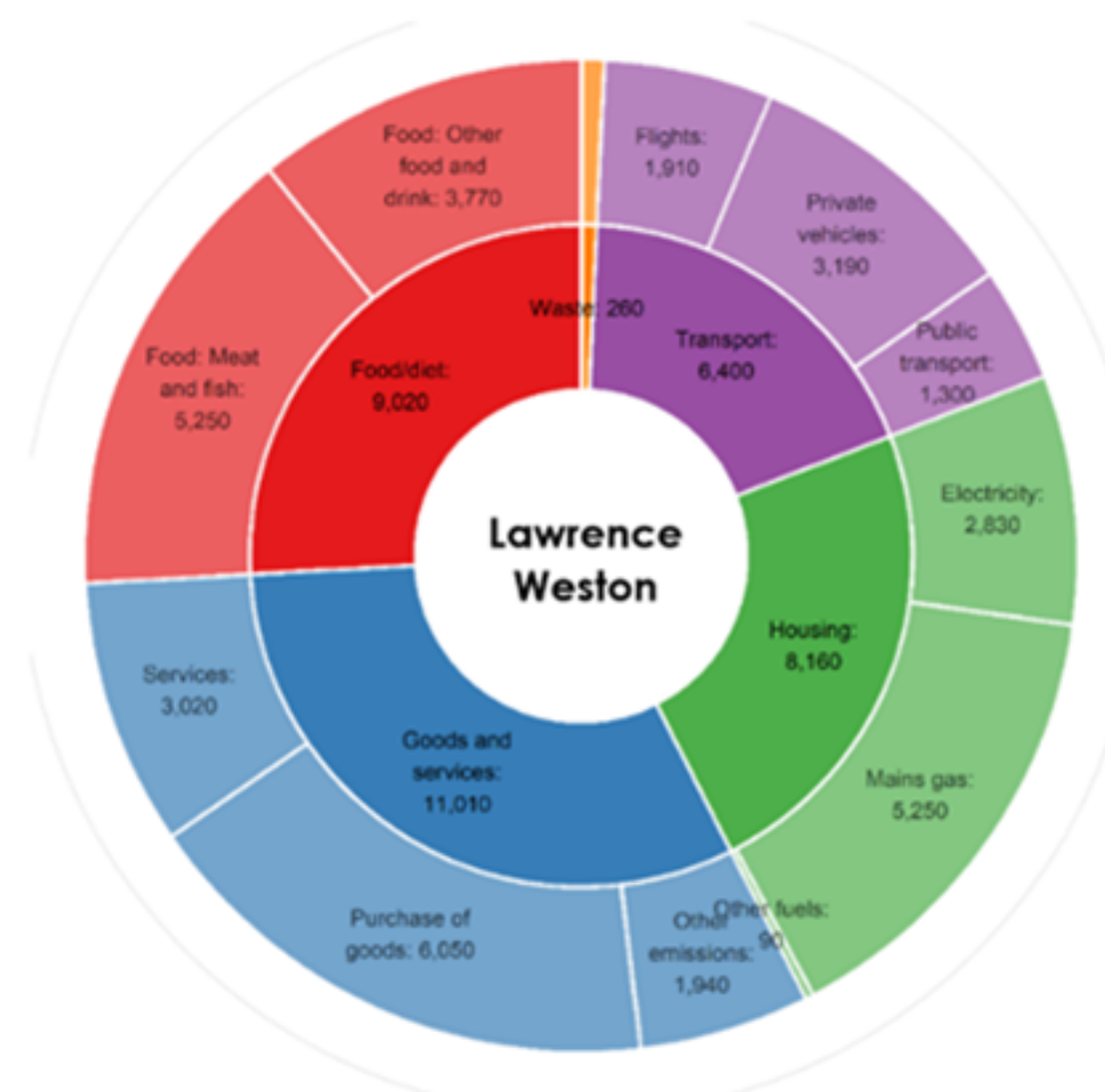


Our community's carbon footprint report

Our carbon footprint report, produced by Bristol charity the Centre for Sustainable Energy, showed us the scale of our community's carbon emissions and the main 'consumption activities' responsible for these emissions (that's why it's called a 'consumption-based' carbon footprint). Having a picture of what our 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. We were able to use our full Carbon Footprint report for our community as evidence to support the need for this plan and Community Climate Action. We used elements of the report to engage residents in different ways, for example emails, and social media posts.

What did we learn?

Here is our community's total carbon footprint



26% of our emissions result from the consumption of **food** products by residents.

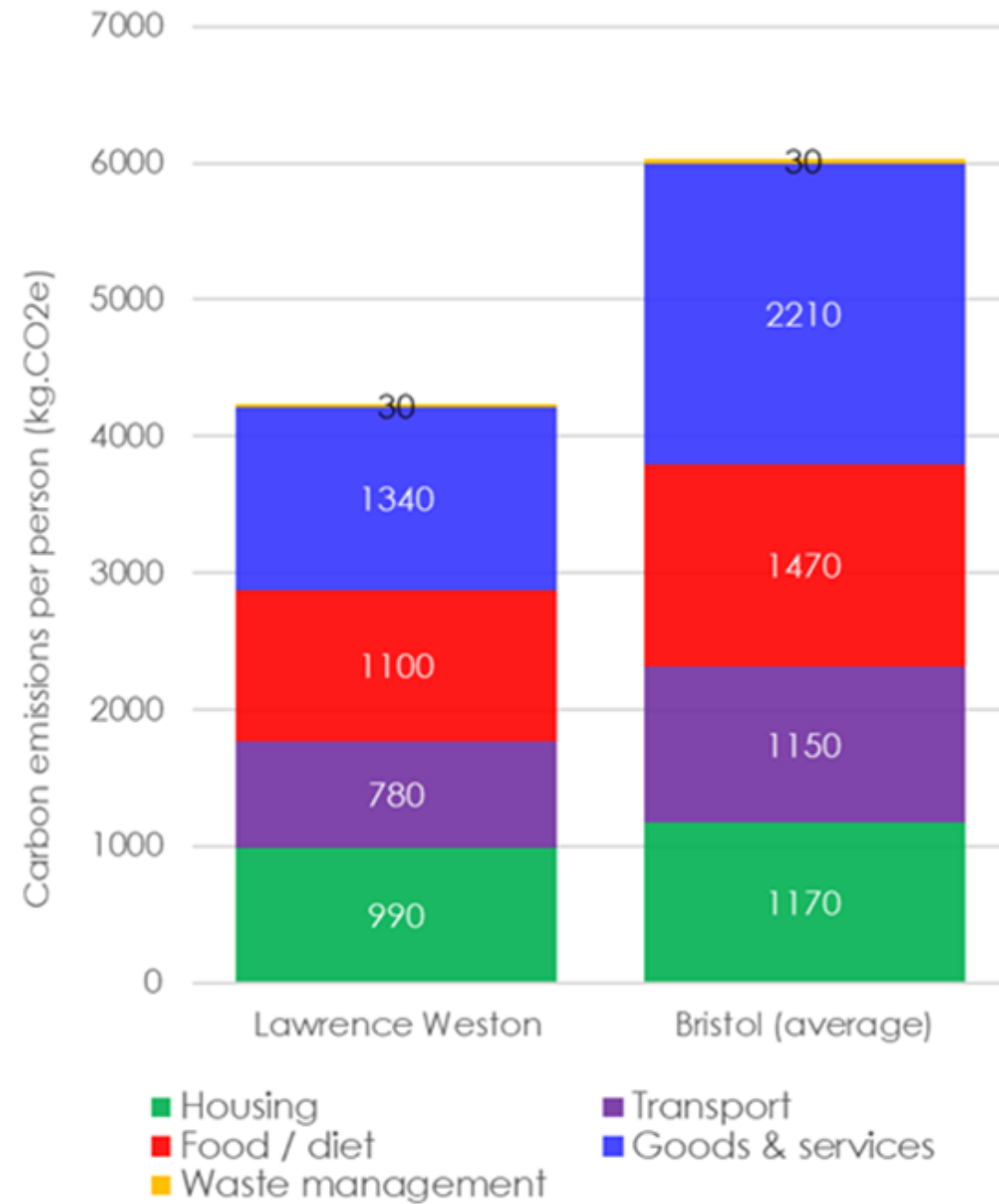
1% of our emissions result from the management of residents' **waste**.

18% of our emissions result from the **transport** choices & behaviours of residents.

23% of our emissions result from residents' use of energy in their **homes**.

32% of emissions result from residents' **purchase of goods and the use of services**.

And this is the average carbon footprint per household, and in comparison, to the Bristol average –



Summary of carbon footprint report

Lawrence Weston's carbon emissions follow the same pattern as Bristol, so no huge surprises for us. Our biggest carbon emissions come from Goods and services (17% are from buying goods, 9% from uses of services and 6% from consumption activities such as leisure and entertainment) which is the same as Bristol as a whole. Our lowest carbon emissions come from Transport (9% car use, 5% air travel and 4% public transport). Our overall carbon emissions per person is less than the Bristol average, but the repercussions on our residents is huge. The cost of food, petrol and energy rising, poor transport links, poor retail offer and rising sea levels impacts our community.



Our methodology



Impacts of Covid pandemic

The development of this plan happened during the Covid 19 pandemic, including: lockdowns, school closures, societal distancing measures and furloughing of staff.

Covid compounded many of the existing inequalities experienced by many in our community. Loss of employment/income, school closures, social isolation, food and fuel poverty and declining mental health all had a significant impact on our community. The backdrop of the pandemic and its impacts made engaging people with climate change/action more challenging.

The analogy of the pandemic being a great leveller was commonplace, but as author Damian Barr put it 'We are not all in the same boat. We are all in the same storm. Some are on super-yachts. Some have just the one oar.'

A pre covid quality of life survey for Bristol highlighted that 88% of the city's residents were concerned about climate change and a post covid survey of public opinion by Climate Outreach recently found that people's concern about climate change remains high. But just as the recent Intergovernmental Panel on Climate Change's (IPCC) report has been described as a 'code red for humanity', we also need to acknowledge and respond to the fact that many in our communities are also experiencing a 'code red' for their mental, physical and economic wellbeing following the pandemic.

An important starting point for developing this plan has been taking time to listen and really understand where local people 'are at' in their

lives following the pandemic. The Climate won't necessarily be a priority for many as they emerge from the impacts of covid, not because they don't care, but because they have so many other immediate pressures in their lives - cuts to Universal Credit and the fear of having to choose between keeping warm and feeding themselves due to the rise in gas bills this winter. One resident involved in the CCA project shared 'it's not that I don't care about climate change, I really do, but if you're in pain right now (emotionally, financially), it's hard to think about dealing with pain that might come tomorrow (in terms of climate change) when you're consumed with dealing with the immediate pain of today (rent, fuel bills, childcare, unemployment, mental health).

This is where our plan's focus on co-benefits for local people alongside carbon savings impact is essential. As our community recovers from the pandemic our ambitions a net carbon Bristol must also have improved quality of life and for residents and social justice at its heart. The most significant practical implication of covid on the coproduction of this plan was on the ability to deliver face-to-face community engagement early on in the project. This meant we had to adapt our planned community engagement methodology, using digital engagement, working with smaller groups and programming community events later in the process.

Overall covid has impacted the breadth and number of people we have been able to engage with, but we have worked creatively around the restrictions to try and involve a broad range of citizens from our community in both climate conversations and the development of our climate action priorities.

How we developed this plan

This plan was developed as part of the Bristol Community Climate Action Project. The Project Group (6 x community partners, Bristol Green Capital Partnership, Bristol City Council and Centre for Sustainable Energy) met regularly (on average twice a month) throughout the development phase. The flowchart below captures the main elements of the methodology to create Bristol's first Community Climate Action Plans:



Throughout

Connecting city partners – through speed dating sessions and regular 'meet the city partner' slots at meetings to build knowledge and networks, updates to advisory board/BACCC/Environment Board
 Project communications throughout – by community partners and BGCP via press, website news articles, social media, podcasts, radio shows, films, creative commissions

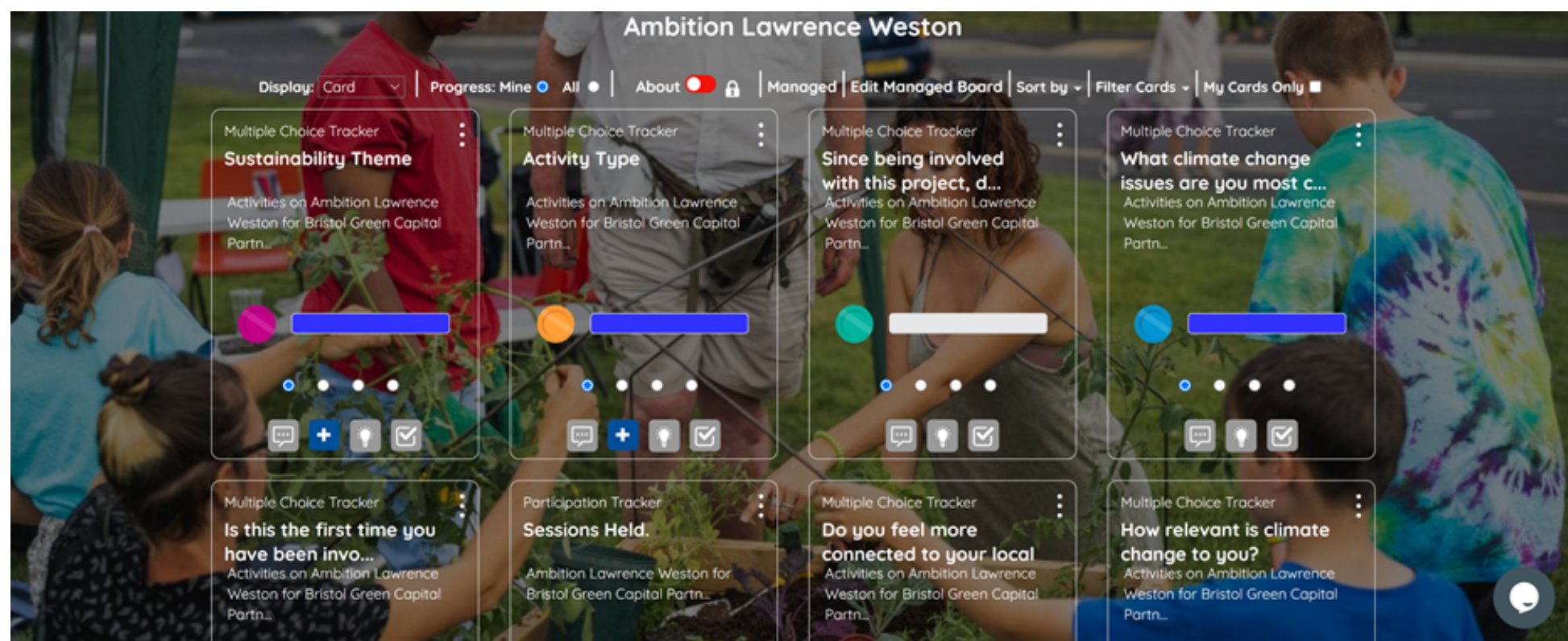
We took a mixed methods approach towards our consultation using both qualitative and quantitative methods. This approach ensures that the data can improve an evaluation by ensuring that the limitations of one type of data are balanced by the strengths of another. This will ensure that understanding is improved by integrating different ways of knowing.

We developed an online survey consisting of different sets of questions to gather residents' initial thoughts on a wide range of topics, asking some in-depth questions about their lifestyle habits as well as asking for ideas and solutions to combat the climate emergency locally. The survey was 'live' between July and September, and in total we had over 150 responses from local residents. During this period, we simultaneously hosted a wide range of workshops and activities focussing on in-depth rich data using focus groups, workshops and discussions, spending the time to delve deeper into some of the most pressing issues that affect our residents. These workshops were for anyone living in Lawrence Weston, of any age, and we covered a range of topics including litter picking, cooking, winter salad window box making, creative solutions to cleaning your home, learning to cycle, nature drawing workshops, community gardening and growing. For a full breakdown of all the activities and workshops we conducted, see appendix (XX).

All of this data was brought together and analysed and grouped into initial 'Themes'. We then held a Community Event in October 2021 to finalise all of the residents' priorities. Darren Jones MP opened our event with his keynote speech. We took all of the information that had been collected through the online survey, activities and the various workshops that we had delivered across the summer and really deep dived with residents to prioritise what matters to them and developed our final action plan. The Workshop Objectives were:

- To provide feedback on the results of the consultation
- To prioritise actions that should be taken in Lawrence Weston
- To feed into the community climate action plan for Lawrence Weston

We spent the afternoon going through each theme and adding in any tweaks as well as looking for other opportunities, fine tuning the priorities as well as finalising each of the project ideas and proposals.



Key findings from this process

Residents' views and priorities are set out within the tables below in themes, along with both the carbon impact and the co-benefit impact of each priority. It comes to no surprise that under each theme there are issues that have been affecting our local community and residents for a long time, but residents have thought about these priorities in a different way. One example of this is public transport which is a huge issue for our community. We live on the northern fringe of the city and have poor links to the rest of Bristol, the high cost, infrequent, uncomfortable and unreliable bus service has poor links to train stations and park and rides, residents have to travel an hour to get into the centre of the city and has poor links to neighbouring communities. There were also other synergies with our Community Development plan, which highlights the priorities of residents have not shifted, although this plan focusses on both carbon emissions as well as improving the quality of life for all.



Community climate heroes

Roger Sabido's journey into community energy- written by Roger

In 2012 I attended a talk which was part of the Bristol Festival of Ideas at the Create Centre, on the importance and even necessity of communities owning and building their own energy infrastructures, including wind. I had just begun to be involved with Ambition Lawrence Weston (ALW) and the talks were riveting eye-openers. ALW were in the throes of creating their first Community Plan, and he submitted the idea of owning our wind turbine and community energy group.

Time rolled on, making it clearer to us how important energy costs were to communities like ours, and how some communities were responding by building or taking a share in local wind and solar generation. BEN ran a fuel poverty workshop in 2014 introducing us to other BEN members which inspired me to get a energy group going in Lawrence Weston & invited David Tudgey to become ALWs community energy consultant and co-create and help deliver energy projects funded by The Big Local Trust and the Bristol Green Capital in 2015.

One of the projects he supported as part of the energy group with other BEN members was The Cold Homes Energy Efficiency Survey Experts <https://cheeseproject.co.uk/>, ALW were the original pilot recruiting local residents and champions to take part. We also ran community days to get DIY solar to inspire residents too which was fantastic and then this led to working with Bristol Energy Co-operative's drive to build a solar farm on Lawrence Weston Road. The case for community energy, even our own, now had real credibility.

The aspiration of building a community owned wind turbine became a firm part of the renewed Lawrence Weston Community Plan. I am also a founding member and Director of Ambition Community Energy CIC. An immense amount of work yet to come. But, fingers crossed, a tremendous achievement for a small, and poor, community; and our thanks to the generous support and backing from many individuals.



“

"a tremendous achievement for a small, and poor, community; and our thanks to the generous support and backing from many individuals"

”

Ambition Lawrence Weston community climate action plan priorities and actions



The following priorities and actions were developed with the local community through our community engagement process and refined with support from by Bristol Green Capital Partnership and various Community Climate Action partners from across the city.

These priorities connect with the Community Climate Action Plans developed by Bristol Disability Equalities Forum (Disabled Community) and by ACH (Refugee Community). There is also crossover and connection with the priorities developed by our project partners in other geographic neighbourhoods in the city: Eastside Community Trust - Easton and Lawrence Hill, Lockleaze Neighbourhood Trust – Lockleaze, Heart of B13 – Hartcliffe & Withywood.

We have scored the priorities according to the monetary cost (Resource: Cost), staffing and effort required to achieve it (Resource: People), potential reductions in carbon emissions (Impact: Carbon) and positive impact on the community through other co-benefits (Impact: co-benefits). While not exhaustive, we have also listed some key stakeholders and potential collaborators, many of whom are already doing work related to the priority and whose support and leadership will be critical to success. Rough timescales have also been noted to highlight quick wins alongside systemic changes that will take sustained, long-term action.

Criteria scored

- Resource: cost
- Resource: people/time
- Impact: carbon benefits
- Impact: people/community cobenefits

Scoring definition

- 1 - Very Low
- 2 - Low
- 3 - Moderate
- 4 - High
- 5 - very high /significant

Timescale

- 1-2 years (quick win)
- 3-5 years (medium term larger scale)
- 6-8 years (significant or complex)

Ambition Lawrence Weston will be working closely will the other partners in this project to ensure that we maximise the outcome for citywide changes that are reflected in this plan. For example, improving public transport needs to happen across the city and not just in our community. We are also working closely with Bristol Disability and Equality Forum to ensure that all of our outcomes are accessible for all.



Transport

Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
1. Develop a community owned electric car club scheme	Private Car Company Enterprise Bristol City Council Western Power Distribution WECA Bristol Energy Network Ambition Lawrence Weston South West Energy Hub City Leap Housing developers	3 Electric car charging points Rapid charging points Electric cars Business plan Legal costs	3 Reduction in petrol and diesel cars on road (Car club cars produce 72% lower emissions (PM2. 5) than the average car*. The positive impact is amplified by the fact that 18.5 private cars* are replaced by each car club vehicle).	3 Better air quality No need to purchase/run own car Access to a vehicle Reduced noise pollution	2 Maintenance Operations and management contract to manage all vehicles and charge points Membership manager Bespoke software working with Malvern Hills to manage bookings and payments Governance structure	Short to medium term
2. Improved integrated transport systems - citywide	Ambition Lawrence Weston Bristol City Council WECA First Bus Stagecoach Great Western Railway Uber South West Energy Hub TravelWest SevernNet City Leap Transport Planning	3 Staff time to look at user cases based on travel patterns	4 Reduction in petrol and diesel cars on road	4 Better air quality No need to purchase/run own car	3 Lobbying	Short to medium term
3. Improved walking and cycling routes and creating safer spaces on roads for active transport	Ambition Lawrence Weston Bristol City Council Sustrans SevernNet Life Cycle Bristol Waste Bristol Walking Alliance BDEF	2 Capital costs	4 Reduction in petrol and diesel cars on road	4 Improved Physical health Reduced noise pollution Improve air quality Improved green spaces	2 Staff time Project co-ordinator	Short to medium term



Transport

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
<p>4. Create a mobility hub in Lawrence Weston to include E-Scooter/Bike scheme and community owned electric bikes as well as connecting to bus routes</p>	<p>Ambition Lawrence Weston Private Companies Bristol City Council WECA City Leap BDEF</p>	<p>3 Capital costs Electric bikes Community charging points</p>	<p>4 Reduction in petrol and diesel cars on road</p>	<p>4 Improved Physical health Better air quality Reduced noise pollution</p>	<p>2 Management of scheme</p>	<p>Short to medium term</p>

Transport actions



1. Develop a community owned electric car club scheme or link into the city-wide car club scheme that currently does not come out to our community.

- a. Potential to develop our own scheme for our local ward area, if b. is not possible
- b. Link in with city wide car club scheme to extend the scheme to include our ward
- c. A range of electric vehicles for community use including electric cars, E-bikes and Cargo bikes, including fully accessible modes
- d. Rapid chargers for business vehicles around the community and surrounding areas

2. Improved integrated transport systems

- a. Affordable and accessible transport for all, that allows people to transition from different modes of transport seamlessly under one ticket, that is more cost effective than car ownership to include trains, buses and park and ride.
- b. Improve routes across the city, especially learning venues and hospitals
- c. Reliable, cheap, comfortable, fast, frequent public transport to include trains and taxis

3. Improved walking and cycling routes

- a. Better access to cycle racks and routes across the community and include Route 41 for better access to employment opportunities
- b. Maintained and clean pavements around the community to ensure better connectivity for residents including improved access for disabilities
- c. Encourage bike use with bike clubs, learn to cycle courses and safe routes for everyone

4. Link up with (or create our own) E-Scooter/Bike scheme and community owned electric bikes

- a. Link up with the city-wide schemes as they currently don't extend as far as our community to reduce car journeys for small journeys
- b. Create our own ward wide E-scooter or Bike scheme
- c. Have a fleet of E bikes for residents to be able to use on loan to encourage use

These actions are linked to:

1. West of England Local Cycling and Walking Infrastructure Plan 2020-2036
2. West of England Bus Service Improvement Plan
3. Lawrence Weston Community Plan 2018-2022
4. Citizen Assembly recommendations
5. Lawrence Weston Neighbourhood Development Plan
6. One City Climate Strategy
7. Lawrence Weston Design Statement
8. Bristol Disabled People's Manifesto 2016



Housing/buildings

Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
1. Develop housing improvement projects (warm up, skill up)	CHEESE Men in Sheds Colleges Government schemes Bristol Energy Network Ambition Lawrence Weston City Leap Energy Rev Centre for Sustainable Energy	4 Training and Accreditation Materials CHEESE surveys	4 Reduced energy demand Affordable heating and energy use from renewable sources Improving all homes to EOC C to improve the property so heating via a heat pump is affordable	3 Improved overall health and wellbeing Improved employment opportunities Financial savings	3 Paid internships Volunteers	Short to medium term
2. All community buildings to become carbon neutral	Bristol City Council Bristol Energy Network (Sonnet) Community building owners and tenants City Leap Energy Rev Centre for Sustainable Energy	3 Capital costs New Cycle Racks New lighting	3 Reduced energy demand Affordable heating and energy use from renewable sources	3 Improved community facilities	3 Project management	Short to medium term
3. Create dialogue between BCC and other social housing providers how they will implement renewable energy generation that benefits the tenant including microgrids	Bristol Energy Network Bristol University Bristol City Council Social landlords City Leap Ambition Community Energy CIC	2 Co-ordination costs Project costs Installation costs	4 Displacement of fossil fuel energy by using locally generated electricity from renewable sources	4 More social homes being ran on renewable energy Reduced fuel poverty	3 Financial benefit Better air quality Warmer homes	Medium term
4. Car charging points	Ambition Lawrence Weston WECA Western Power Bristol City Council Social housing providers	4 Capital costs	3 Opportunity for everyone to own an electric car therefore reduce carbon missions	3 Cleaner air		Medium term

Housing/buildings actions



1. Develop housing improvement projects (warm up, skill up)
 - a. Empowering residents to have the knowledge and skills to improve their own homes and have a Net Zero plan for their home
 - b. DIY training courses, assistance in providing shallow retrofit, integrating thermal imaging into the whole house retrofit design, utilising local labour force to deliver the retrofit services.

2. All community buildings to become carbon neutral
 - a. Developing a community municipal bond to invest in energy efficient measure and heating upgrades in order to create a Net Zero functional building
 - b. A time of use tariff that allows residents to use the electricity from the solar panels whilst they are generating energy and to pay a competitive low-cost price that benefits the tenant and BCC in their investment

3. Create dialogue between BCC and other social housing providers how they will implement renewable energy generation that benefits the tenant including microgrids
 - a. Work with social housing providers to fit Electric charging points and to encourage all new planning applications for housing to include electric car charging points

4. Car charging points
 - a. Create a dialogue with social housing providers as to how they are going to provide electric car charging points for their existing housing stock and community charging points
 - b. work with local retailers and organisations to install car charging points in their car parks

These actions are linked to:

1. Lawrence Weston Community Plan 2018-2022
2. Citizen Assembly recommendations
3. Lawrence Weston Neighbourhood Development Plan
4. One City Climate Strategy
5. A One City Food Equality Strategy for Bristol 2022 – 2032
6. Lawrence Weston Design Statement
7. Bristol Disabled People's Manifesto 2016



Energy

Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
<p>1. Develop an Energy membership club as phase one in the development of an Energy wallet scheme and one stop shop approach</p>	<p>Bristol Credit Union Energy companies Bristol University Bristol Energy Network Bristol City Council WECA Ambition Lawrence Weston City Leap Ambition Community Energy CIC Energy Rev Centre for Sustainable Energy</p>	<p>2 Development and design of the software Legal fees of which about 60% (i.e., about 180 households) would likely sign up for the energy wallet account.</p>	<p>2 <u>MEES</u></p>	<p>3 Access to funding and grants Improved mental health Reduced fuel poverty</p>	<p>3 Staff time to apply for funding Staff time to manage the project 10 Energy Wallet Champions trained within the phase 1 of the project</p>	<p>Quick win</p>
<p>2. Identify suitable sites for renewable infrastructure, including solar PV, wind turbines, micro grids, Battery technology and EV charge points to create a smart local (with community ownership models) energy system</p>	<p>Ambition Community Energy CIC Western Power Distribution Bristol City Council Land owners Bristol energy Co-operative Waterlilies – Bright Green Futures Bristol Energy Network City Leap Energy Rev Centre for Sustainable Energy</p>	<p>2 Legal fees Project management for ACE CIC ENVIRONMENTAL Assessments Energy assessments Planning Governance and ownership structures INVESTMENT, FINANCE AND REVENUE MODELLING ENGAGEMENT</p>	<p>3 Potential new infrastructure More renewable energy sources</p>	<p>4 Lower energy bills for residents and businesses As well Local Authority Improved air quality Improved access to education Improved resilience to fluctuating energy prices</p>	<p>3 Project manager Co-ordination</p>	<p>Medium</p>

Energy actions



1. Develop an Energy Wallet Scheme

- Creation of a platform and bank account connected to Bristol Credit Union that allows residents to benefit from all eligible funding opportunities, grants and micro payments towards their household energy use and retrofit plans
- 300 energy poor households engaged with the Energy Wallet project

2. Identify suitable sites for renewable infrastructure, including solar PV, wind turbines, Battery technology and EV charge points

- Work with local stakeholders, landlords and tenants of potential energy sites to develop a smart local energy system that is community led. (10 point plan)

These actions are linked to:

1. Lawrence Weston Community Plan 2018-2022
2. Citizen Assembly recommendations
3. Lawrence Weston Neighbourhood Development Plan
4. One City Climate Strategy
5. Lawrence Weston Design Statement
6. Bristol Disabled People's Manifesto 2016



Food

Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
1.Support more local growing projects	Ambition Lawrence Weston Allotment Association Lawrence Weston in Bloom Gardening Groups Local schools including childcare providers Incredible Edibles Avon Wildlife Trust Blaise Nursery Friends of the Earth Bristol Food Network BDEF Heart of BS13	3 Upfront costs Materials Capital costs	3 More biodiversity Less demand on shop bought edibles Less packaging and waste	4 Better access to healthier food More cost effective Reduce social isolation Improved green spaces	3 Management of projects Staff time	Quick win
2. Community cooking classes	Ambition Lawrence Weston Food Club North West Food Bank Allotment Association Incredible Edibles Lawrence Weston in Bloom Gardening Groups Bristol Food Network Local schools Avon Wildlife Trust Resource Futures	2 Venues Ingredients Recipe books	3 Reduction in food waste Reduction in plastic packaging Reduction in meat	3 Healthier Diet	2 Facilitators	Short to medium term
3. Set up a community fridge	Co-op Ambition Lawrence Weston Foodbank Lidl Neighbourly	1 Fridge Running costs Commitment from local stores	3 Reduction in food waste	3 Food distributed and not going to landfill Financial benefit for residents	2 Volunteers or staff time	Short to medium term
4. Commercial food waste collection	Bristol Waste GENeco Ambition Lawrence Weston Resource Futures	1 Bins Collection of bins	2 More food waste going to GENeco for biomass production	Reduced fuel poverty	2 Staff	Short to medium term

Food actions



1. Support more local growing projects

- a. Local food growing schemes across the community, linked with Lawrence Weston in Bloom, educating people about how and what to grow
- b. Work with the local allotments to disperse extra produce to those most in need
- c. Community herb and veg plots across the community that anyone can access
- d. Support residents to grow their own at home or in window sills
- e. Children's community garden as well as local schools having their own growing gardens

2. Community cooking classes

- a. Focus on learning to cook with fresh ingredients for residents
- b. Meat free options for meals
- c. Batch cooking and using leftovers to save money and reduce waste
- d. Work with schools to ensure cooking from scratch is on the curriculum, this is to be extended to after school clubs
- e. Promote seasonal eating and locally sourced produce to residents

3. Set up a community fridge

- a. Install a new community fridge in the new community hub
- b. Work with local food distributors to reduce the amount of food being wasted and redistribute to residents in Lawrence Weston
- c. Skill up local residents to become fridge volunteers to manage the community fridge

4. Commercial food waste collection

- a. Work with Bristol Waste and/or GeNeco to start a commercial food waste collection service

These actions are linked to:

1. Lawrence Weston Community Plan 2018-2022
2. Citizen Assembly recommendations
3. Lawrence Weston Neighbourhood Development Plan
4. One City Climate Strategy
5. One City Ecological Strategy
6. Bristol biodiversity action plan – for people and wildlife
7. A One City Food Equality Strategy for Bristol 2022 – 2032
8. Lawrence Weston Design Statement
9. Bristol Disabled People's Manifesto 2016



Waste and consumption

Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
1. Recycling (free) collection for bulky items A managed excess building materials reuse scheme	Bristol Waste Bristol City Council Social enterprise Ambition Lawrence Weston Resource Futures	1 Community generated subsidies and funds	2 Older appliances contain Freon g as which depletes the ozone layer	3 Dispose properly of potential hazardous materials which could be poisonous to humans, plants and wildlife and contaminate soil	2 Extra staff needed	Quick win
2. Support existing, and set up new projects that reduce waste and consumption	Ambition Lawrence Weston Men in Sheds SevernNet Lawrence Weston in Bloom Community shop Blaise Nursery Resource Futures BDEF	2 Set up costs Running costs	2 Reduce items going to Landfill	3 Financial benefits Reduce social isolation Improved mental health	2 Staff time Project management	Short to medium term
3. Reduce single use plastic	Ambition Lawrence Weston Local traders Supermarkets Resource Futures	2 Campaigning Provision of alternatives to single use plastics	3 Reduction of microplastics in the environment	3 Improved mental health Cleaner neighbourhood Pride of place Improved green spaces	1 lobbying	Short to medium term
4. Identify potential biogas (as well as hydrogen from electrolysis – powered by renewable energy) vehicles for commercial distribution vehicles	GENeco Resource Futures Bristol Waste	2 Capital costs	3 Less commercial waste going to landfill Less diesel vehicles on the road	3 Better air quality Reduced noise pollution	1 Staff time	Quick win

Waste and consumption actions



1. Recycling (free) collection for bulky items
 - a. A managed collection of bulky items to ensure correct disposal and reuse, if possible, to stop fly tipping
2. Support existing, and set up new projects that reduce waste and consumption, to include, but not limited to:
 - a. Men in Sheds
 - b. Clothes/school uniform exchange
 - c. Community bike shop on Ridingleaze (local high street)
 - d. Local book swap
 - e. Local plant and seed swap
 - f. Community Tool Bank
 - g. Mobility aids
3. Tackle and reduce single use plastic
 - a. Less packaging
 - b. Reusable packing
 - c. Shops to take back packaging
 - d. Alternatives to plastics
4. Identify potential biogas (as well as hydrogen from electrolysis – powered by renewable energy) vehicles for commercial distribution vehicles

These actions are linked to:

1. Lawrence Weston Community Plan 2018-2022
2. Citizen Assembly recommendations
3. Lawrence Weston Neighbourhood Development Plan
4. One City Climate Strategy
5. One City Ecological Strategy
6. Bristol biodiversity action plan – for people and wildlife
7. A One City Food Equality Strategy for Bristol 2022 – 2032
8. Lawrence Weston Design Statement
9. Bristol Disabled People's Manifesto 2016



Nature

Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
1. Gardening project helping elderly and disabled residents maintain their gardens	Ambition Lawrence Weston Lawrence Weston in Bloom Gardening Project Men in Sheds Local volunteers Social enterprise Blaise Nursery Friends of the Earth Resource Futures BDEF	2 Set up costs Materials Tools Disposal licence?	3 More biodiversity within the community Better habitat for local wildlife More trees planted	3 More appealing neighbourhood Financial benefit of not buying tools unnecessarily Improved mental health Improved safety Improved green spaces	2 Project management Staff costs	Quick win
2. Create habitual spaces for wildlife within new buildings and infrastructure and housing developments to include sustainable urban drainage ie creating soak aways and ponds where appropriate.	Avon Wildlife Trust Ambition Lawrence Weston Men in Sheds Lawrence Weston in Bloom Bristol City Council South Gloucestershire Council Bristol Natural History Consortium One City Environment Board Friends of the Earth	3 Capital costs	3 Protecting the biodiversity Sustaining wildlife populations Creating wildlife corridors Improve air quality	4 Improved mental health Creating nature walkways Improved physical health Improved air quality Improved mental health Improved green spaces	3 Staff time Project co-ordination	Medium term
3. Reduce the use of pesticides Protect our ecosystems by reducing the use of harmful pesticides Find an alternative to harmful pesticides	Ambition Lawrence Weston Avon Wildlife Trust Lawrence Weston in Bloom Soil Association One City Environment Board	1 Campaign costs	3 Sustaining and protecting local wildlife	3 Pesticides not being consumed on food	1 Staff costs	Quick win



Nature

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
4.Helping young people engage with nature * link to jobs/economy theme	Ambition Lawrence Weston Local schools and childcare providers Youth clubs	1 Campaign costs	2 Improved green spaces	2 Improved mental health Improved green spaces	2 Staff costs Project management	Quick win

Nature actions



1. Gardening project helping elderly and disabled residents maintain their gardens
 - a. Community project that enables residents to look after and maintain their gardens as well as support those who can't
 - b. Set up a local 'Tool Bank' including electric or refurbished tools for the community
 - c. Work with local residents who want to look after, and improve their street or local green space, including accessible gardening projects across the community
2. Create habitual spaces for wildlife within new buildings and infrastructure
 - a. Assessment of existing wildlife and management plans for redline protected species such as amphibians, reptiles, bird and bat populations and water voles
 - b. Identifying suitable sites for improvement, including green spaces as well as buildings and wilding up concrete pockets
 - c. By improving grasslands and planting trees (tiny forests) we are sequestering carbon and reducing particulate matter, fine dust (PM10 and PM2.5) from the atmosphere therefore improving local air quality.
3. Reduce the use of pesticides
 - a. Protect our ecosystems by reducing the use of harmful pesticides
 - b. Find an alternative to harmful pesticides
 - c. Support [BCC/BNHC Pesticide Amnesty](#).
4. Helping young people engage with nature
 - a. Create more spaces for young people to engage with nature
 - b. Work with schools and youth clubs to ensure that nature is included on the curriculum or activity schedule
 - c. Provide school holiday activities that include nature based activities
 - d. Support the local forest school

These actions are linked to:

1. Lawrence Weston Community Plan 2018-2022
2. Citizen Assembly recommendations
3. Lawrence Weston Neighbourhood Development Plan
4. One City Climate Strategy
5. One City Ecological Strategy
6. Bristol biodiversity action plan – for people and wildlife
7. A One City Food Equality Strategy for Bristol 2022 – 2032
8. Lawrence Weston Design Statement
9. Bristol Disabled People's Manifesto 2016



Scoring of priorities:

1 – Very Low, 2 – Low, 3 – Moderate, 4 – High, 5 – very high /significant

Economy/business/jobs/education

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE: PEOPLE	TIMESCALE
1. Develop an Energy Learning Zone	Ambition Lawrence Weston Ambition Energy CIC Colleges/FE providers WECA Bristol University University of the West of England Bristol Energy Network Bristol City Council Energy Rev	4 Planning application for visitor centre with classroom space at the wind turbine site Build cost Local skills academy Stakeholder analysis	3 More residents trained within the Green Economy	4 Better skilled residents More job opportunities Improved mental health	3 Project management	Short to medium
2. Renewable Energy and Modern Method in Construction (MMC) skills academy	Ambition Lawrence Weston Ambition Energy CIC Colleges/FE WECA Construction industry Energy Rev Business West Business in the Community Bristol Housing Festival	3 Skills funding Equipment Training and accreditation	3 More residents trained and upskilled within the MMC sector to ensure a just transition	4 Better trained and skilled residents More job opportunities Improved mental health	3 Project management	Medium
3. Regeneration and green recovery to support the local economy Support for local high street to become Net Zero	Traders Ambition Lawrence Weston Bristol Energy Network Energy Rev Business West Business in the Community Resource Futures	3 Support stakeholders to come together Explore refurb and retrofit costs Development of business climate plans CHEESE surveys	2 High streets shops becoming NetZero	2 Better air quality Better facilities	1 Organise a trader's day	Quick win



Economy/business/jobs/education

PRIORITY	COLLABORATORS / STAKEHOLDERS	RESOURCE: COST	IMPACT: CARBON	IMPACT: PEOPLE	RESOURCE (PEOPLE) effort / capacity	TIMESCALE
<p>4.Ensure upskilling for local trades in Modern high quality building techniques and have contracts lined up to use on leaving the training Quality assurance check on new build policy</p>	<p>Planning departments Energy Rev Bristol Energy Network City of Bristol College Ambition Lawrence Weston Ambition Community Energy CIC Business West Bristol Housing Festival CSE future proof project</p>	<p>1 Use of other organisations budget</p>	<p>3 Equipping students with the skills that employers are looking for to create a greener future with more green skills and training</p>	<p>3 Improved high skilled work force More economic power Increased employment sustainability</p>	<p>1 Use of other organisations staff and skills</p>	<p>Medium term</p>
<p>5.With support of the LWNPG, help residents set up a local estate management group. This group will be empowered to raise and progress issues the BCC departments</p>	<p>Ambition Lawrence Weston Lawrence Weston Planning Group Bristol City Council</p>	<p>2 Training Resources Management</p>		<p>3 More appealing neighbourhood Better facilities and homes</p>	<p>1 Residents</p>	<p>Quick win</p>

Economy/business/jobs/education actions



1. Develop an Energy Learning Zone
 - a. Develop an energy learning zone under the Wind Turbine that will educate people, including young people, on renewable energy as well as teach them new skills. Link this with the MMC skills academy that will be based with the new Lawrence Weston Community hub.
2. Renewable Energy and Modern Method in Construction (MMC)* skills academy
 - a. Local Skills academy set up and running in Lawrence Weston to ensure that local residents will be able to access green jobs in the future. Link this with the energy learning zone based at the community owned wind turbine
3. Support the local economy
 - a. Support for local the high street to become Net Zero
 - b. Use, and encourage others, local services where possible
 - c. Strengthen the local circular economy
 - d. Supporting local residents who want to set up their own business
4. Ensure upskilling for local trades in Modern high quality building techniques
 - a. Have contracts lined up to use on leaving the training
 - b. Quality assurance check on new build policy
5. With support of the LWNPG, help residents set up a local estate management group.
 - a. Upskill local residents to become estate management volunteers
 - b. Group will be empowered to raise and progress issues the BCC departments

These actions are linked to:

1. Lawrence Weston Community Plan 2018-2022
2. Citizen Assembly recommendations
3. Lawrence Weston Neighbourhood Development Plan
4. One City Climate Strategy
5. One City Ecological Strategy
6. Bristol biodiversity action plan – for people and wildlife
7. A One City Food Equality Strategy for Bristol 2022 – 2032
8. Lawrence Weston Design Statement
9. Bristol Disabled People's Manifesto 2016

*Modern Methods of Construction provide the opportunity to be more sustainable as homes are precision-engineered and manufactured in a factory-controlled environment. Houses are built using sustainable materials. This type of construction also helps reduce waste.

How our plan makes strategic connections



The themes and projects identified within our Climate Action Plan demonstrates our commitment to Bristol realising a NetZero target by 2030 ahead of the UKs national target for NetZero by 2050. Indeed already our contribution in developing our onshore wind turbine will produce the equivalent renewable electricity for the number of households in Lawrence Weston. But our climate action plan is going beyond carbon savings and is focused on improving the lives and well being of our residents to ensure they have good quality warm homes that they can afford to heat, as well have access to an integrated transport system that allows them to access the city and wider region.

We have a vision for our young people to access the jobs that will be created from the transition from a fossil fuel economy to a NetZero carbon economy which is why our focus on improving skills is set out alongside the development of our onshore wind project. We are privileged to benefit from wildlife from the surrounding area of the Severn Estuary and the woodlands of the Blaise Castle, and connections with local food and farming through our Lawrence Weston Community Farm and allotments which this plan will enhance our residents awareness and participation in improving our local green spaces surrounding our homes.

This plan must be supported in order for it to succeed and for the city to succeed in its own One City Plan. Over the last 12-18 months with COVID-19 we have already seen an end to the generation upon generation economic progress and the incomes of our residents in real terms reduce spending power and increase dependence on foodbanks. We can and must improve all residents' livelihoods whilst tackling the climate emergency as they have the least resources to adapt to the changing economy and participate actively in an energy transition. Our plan reflects the wider strategies and plans of the One City Climate Strategy, COVID recovery, Citizen Assembly, Ecological Emergency Strategy recommendations. Therefore our plan creates the opportunity for other city partners to participate and support Ambition Lawrence Weston to deliver its Climate Action Plan and in doing so also supports a recovery of not just of our community but also the whole city with a Community Led Smart Local Energy System.



Acknowledgements



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- the members of Lawrence Weston community who took the time to engage in our consultation and community engagement process
- all the local community groups and organisations that have contributed (including: local schools and churches)
- The Community Climate Action Project partners: Bristol Green Capital Partnership (Amy Harrison), Bristol City Council (Mark Leach) CSE (Harriet Sansom), Eastside Community Trust (Emily Fifield), ACH (Katya Thickpenny Ryan), Bristol Disability Equalities Forum (Emma Geen), Lockleaze Neighborhood Trust (Karen Edkins), Heart of BS13 (Kirsty Hammond) and Donna Sealey (Ambition Lawrence Weston) for their support and collaboration through the Community Climate Action Project
- All the Community Climate Action City partners who contributed to the Peer Review Roundtable event (Nov 2021)
- Community Artists Dee Moxon, Morgan Tipping and Tommy Chavennes for their creative contribution to our community



Appendices

- Evaluation and Wider Objectives
- List of Community Co Benefits
- List of Carbon Benefits
- Full List of Coproduction Activities
- Glossary of Terms



Evaluation and wider objectives



This plan was developed as part of the Bristol Community Climate Action Project (co-ordinated by Bristol Green Capital Partnership, Bristol City Council and the Centre for Sustainable Energy).

The current evaluation objectives/outcomes of the Bristol Community Climate Action Project are:

1. Communities will be enabled to better understand and plan for Bristol-wide carbon emissions reduction
2. Supporting a transition to carbon neutral city that also creates a more just and inclusive society
3. Community Climate Action Plans support identified wider community needs and priorities (cobenefits)
4. Learnings from the project are shared locally and nationally.

The development phase of the Bristol Community Climate Action project (October 2020 – April 2022) focused on the development of six coproduced Community Climate Action plans by six Bristol community organisations (ACH, Ambition Lawrence Weston, Eastside Community Trust, Bristol Disability Equality Forum, Heart of BS13 and Lockleaze Neighbourhood Trust) and extensive evaluation data was collected during the project through a suite of 10 surveys using the online Makerble platform. A full evaluation report will be produced at the end of the development phase (April 2022).

The Bristol Community Climate Action project has been supported by the National Lottery Community Fund's Climate Action Fund. The overall objectives/outcomes of the fund are:

1. More – and more diverse – people engage with climate issues and understand what climate change means for them
2. More – and more diverse – people have hope that things can change and take action on climate change
3. Community-led climate action initiatives grow and develop
4. Carbon emissions are reduced through action at local level
5. Community-led climate action is fair and generates co-benefits for people's quality of life
6. Learning on good practice is captured and shared
7. The National Lottery Community Fund and others across the sector (including funders) integrate support for community-led climate action into their wider activities
8. Evidence of increased support for climate action
9. Local communities develop increased resilience to immediate climate impacts.

List of community co-benefits



Health & wellbeing - Reduced fuel poverty
Health & wellbeing - opportunities for physical activity
Health & wellbeing - reduced noise pollution
Health & wellbeing - reduced air pollution
Health & wellbeing - opportunities to access healthier food
Health & wellbeing - improved dietary health
Health & wellbeing - improved mental and physical wellbeing

Economy - job creation
Economy - improved business efficiency
Economy - improved household finances
Economy - opportunities for skills and training
Economy - money retained in local economy
Economy - opportunities for local investment
Economy - lower energy costs
Economy - lower energy tariffs
Economy - Reduced travel costs
Economy - Reduced bills
Economy - Reduced cost of buying compost/vegetables/fruit by producing their own

Environment - reduced greenhouse gas emissions
Environment - improved green spaces
Environment - reduced overheating risk
Environment - reduced flood risk
Environment - increased biodiversity
Environment - reduced waste going to landfill
Environment - creation of more attractive public spaces
Environment - less litter in public spaces

Environment - increased interest in the natural environment and food, and the link between
Environment - increased connection to the community and the environment

Resilience - security in energy supply (less power cuts)
Resilience - security in energy supply (less reliance on international imports)
Resilience - security in energy supply (opportunities to access renewable energy sources)
Resilience - food security (security in local food supply)
Resilience - food security (less food waste)
Resilience - skill creation through volunteering and training sessions

Society - reduced inequalities
Society - high level decision makers (ie national gov) influenced to make positive changes.
Society - community brought together
Society - improved public sector finances
Society - residents feeling safer and more confident in their community
Society - increased community ownership and pride
Society - reduced social isolation
Society - building a stronger, more connected community through sharing resources and skills
Society - empowerment of young people

Equalities – Equal access
Equalities – Preventing the creation of new barrier
Equalities – removing a barrier
Equalities - making roads safer and more accessible for active travel

List of carbon impacts



Energy

- Hugely reduced energy demand from buildings, including heritage assets
- Smarter & more flexible management of energy demand, including storage
- Decarbonised power generation
- Decarbonised heat delivery
- Widespread, actively managed and planned carbon storage strategies
- Reduced energy demand
- Affordable heating
- Energy use is from renewable sources
- Improving all homes to EPC standard C
- Displacement of fossil fuel energy by using locally generated electricity from renewable sources

Buildings/Housing

- Hugely reduced energy demand from buildings, including heritage assets
- New buildings and developments that achieve net zero emissions, including associated transport
- Improving all homes to EPC standard C
- Increased/improved insulation on all housing stock

Food

- Altered dietary patterns & reduced food waste.
- Widely adopted agricultural practices that reduce emissions & increase soil carbon and protect & promote biodiversity
- Food education to reflect the needs of diverse communities
- Reduced meat (and dairy) consumption

Waste and Consumption

- Hugely altered consumption patterns, buying less and re-using/repairing more
- Greatly increased recycling rates to achieve a circular economy model, taking plastics out of the waste stream
- Altered dietary patterns & reduced food waste.
- Less demand on shop bought edibles
- Less packaging and waste
- Safe disposal of older appliances which contain Freon Gas which depletes the ozone layer
- Increased opportunity / accessibility to fixing of older/broken appliances
- More food waste going to biomass production

Transport

- Reduced private car travel and a comparable increase in active and public transport
- A complete shift to electric vehicles (& an end to petrol & diesel cars & vans)
- Massively reduced air travel, particularly among frequent flyers
- Reduction in petrol and diesel cars on the road
- Improved air quality
- Reduction in the cost/accessibility of public transport
- Availability of regular public transport links to employment hubs (e.g., Avonmouth)

Jobs/Economy/Education

- More residents trained within the Green Economy
- Supporting the local economy (or circular economy)
- Diversity in green jobs recruitment
- Climate change on school curriculum

Nature

- Widely adopted agricultural practices that reduce emissions & increase soil carbon and protect & promote biodiversity
- More biodiversity
- Better habitat for local wildlife
- More trees planted
- Protecting the biodiversity
- Sustaining wildlife populations
- Creating wildlife corridors
- Equitable access to green spaces

Full list of community co-production activities



Litter Pick

Tuesday 13th April
Tuesday 25th May
Tuesday 22nd June
Tuesday 20th July
Wednesday 18th August (incorporating the BIG community picnic)
Tuesday 21st September

Lawrence Weston in Bloom

Friday 28th May
Saturday 5th June
Wednesday 14th July (incorporating our LW in Bloom judging day)
Monday 2nd August
Monday 28th August
Saturday 9th October

Arts

What if?..... workshop Wednesday 28th July
Community Climate Arts project Friday 30th July and Friday 6th August
Community Craftivism Wednesday 25th August
Travelling Kitchen
Wednesday 11th August

Men in Sheds

Sessions every Monday, Wednesday and Friday throughout the summer

Big Plant and Seed Swap

Tuesday 15th June

Cycling

Bike Minded - Tuesday 20th April
Ridingleaze Street closure and party Saturday 4th September

Green Influencers

Thursday 13th May

Shaping Places

Friday 7th May 10am
Friday 21st May 10am

Nature Drawing Workshop

Wednesday 16th June 10am

Community Climate Plan workshop event – Saturday 16th October



Glossary of terms used



- **Biodiversity:** All the different kinds of life you'll find in one area—the variety of animals, plants, fungi, and even microorganisms like bacteria that make up our natural world
- **Biomass:** Plant or animal material used as fuel to produce electricity or heat (eg. energy crops, waste from forests, yards, or farms. Since biomass can also be used as a fuel directly (e.g. wood logs), some people use the terms biomass and biofuel interchangeably
- **Carbon emissions:** The carbon dioxide gas that planes, cars, factories, etc. produce which contribute to climate change
- **Carbon footprint:** A tool to help us understand what changes we need to make to cut our emissions. They show us which actions result in emissions, and how much
- **Circular economy:** An economic system of production /consumption based on using renewable resources, eliminating waste and reusing and recycling goods for as long as possible
- **Climate change:** Whilst greenhouse gases occur naturally, human activity (especially the use of 'fossil fuels' - oil, gas, coal) has led to hugely increased levels of these gases. This has led to the earth getting hotter, and our climate changing all over the world. Our climate affects everything on earth – the landscapes, seas, animals, plants, and of course people – and small changes in climate can impact where humans and animals can live, what and how much we can grow, our health, our sea levels, and much more
- **Green jobs:** Green jobs are those which are in some way contribute to reducing the consumption of energy and raw materials, limit greenhouse gas emissions, minimise waste and pollution and protect and restore ecosystems
- **Greenhouse gases:** Carbon dioxide, and other 'greenhouse gases', trap heat in the atmosphere and keep the earth warm (which is why they're called greenhouse gases). These gases, which occur naturally, make the earth a habitable place – without them it would be too cold to live here
- **Just Transition:** Ensuring the transition to a low carbon society/economy is equitable, that any benefits are shared widely, whilst supporting those who stand to lose out economically
- **Natural habitat:** The natural environment in which a species of plant/animal/fungi etc lives
- **Net zero and carbon neutral:** This means that any carbon dioxide that is emitted by the activities taking place is balanced by the same amount of carbon dioxide being absorbed from the atmosphere (sometimes achieving net-zero carbon dioxide emissions is referred to as 'carbon neutrality')
- **Renewable energy:** Energy that is generated from natural processes that cannot be exhausted and is constantly renewed (including solar/sunlight, geothermal heat, wind, tides, water)
- **Retrofit:** The introduction of new materials, products and technologies into an existing building to reduce the energy needed to occupy/use that building
- **Wildlife corridors:** A strip of natural habitat connecting populations of wildlife otherwise separated by cultivated land, roads, housing etc.



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