

Blackpool's Climate Emergency

Action Plan



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Introduction from the Leader of the Council

There is no challenge more urgent than that of the Climate Emergency. We have known for years of the catastrophic impact of pollution and gases on our environment, and whilst successive governments have made progress on reducing emissions, progress must now become change. If we have learned nothing else from the harrowing impact of Covid-19 on people's lives and livelihoods, it is surely the importance of acting quickly and forcefully when faced with an era-defining problem.

We are all guilty of taking for granted the systems on which we build our lives, ecological and man-made, natural and designed. The climate crisis challenges both. One has already seen the devastation of increased temperatures with bush, forest and moorland fires and floods, and the other is left creaking under the weight of the pressure. Our coastal location and sea defences remind us daily of the risks of a rise in sea levels. But there is a way out of this crisis, offering the opportunity of building a new way of life in harmony with our ecosystem, providing new kinds of jobs whilst balancing human needs through natural resources with the needs of the planet. We can and will adapt, with innovative ways of thinking and a spirit of co-operation. It will take time, hard work, and we will all need to learn to change, but our effort now can transform the lives of future generations.

In doing so, we will leave no-one behind. It is time for us to act as a town to cut our emissions. Our climate assembly told us loud and clear that the people of Blackpool are willing to play their part, but not without others playing theirs. Blackpool is the most deprived local authority in England, with communities that have their own immediate crises and challenges to face every single day. In the climate emergency, as in life, the broadest shoulders should bear the biggest burden, because those with very little pay the highest price. This will be our constant message back to the government, as we seek the legal and financial resources to deliver this plan.

The scale of the challenge can seem overwhelming, but I am optimistic. We are not starting from scratch. Discussions and conversations have shown me that there are lots of energetic people and organisations with bright ideas just waiting to show how we can change the ways we live, work and play. So this is not just another council plan, destined to languish unread at the bottom of a webpage. It is a call to action. Together, we will re-make our town, society and planet, so that we will never again need to feel a pang of guilt as we consider our legacy.



Cllr Lynn Williams
Leader of the Council

Introduction from the Chief Executive

We need to prepare and adapt to deal with the projected impacts of climate change, and so this plan commits Blackpool to becoming carbon neutral by 2030. This is no small task, and re-thinking how we live whilst still improving people's lives also means action across the Fylde Coast, Lancashire and beyond. We will take a collaborative and inclusive approach to make sure that this transition is fair for all.

The new Climate Action Partnership will be at the forefront of pushing this issue, using all of its networks to build a collaboration that stretches well beyond the Council. Including representatives from public and private organisations alongside community, faith and voluntary groups, it will come together to challenge and add to this plan. At the centre of this approach will be our neighbourhoods and communities, with our aspirations guided by science but grounded in the reality of people's lives. Our climate declaration is more challenging than most, needing constant learning and reflection to progress at the quickest possible speed.

This plan is the product of research, time, discussion and debate, but it is only the starting point. Achieving net zero is amongst the most difficult challenges we will ever face, and whilst the interests of people and nature are starting to align with those of business, there are strong forces that will continue to push back towards fossil-fuel dependent systems based on ever-growing consumption and infinite resources. Strong leadership is crucial if we are to rise to this challenge.

The climate challenge is not about either improving lives or saving the planet, but is about both. The council will push for greener new homes, more green spaces, cleaner air, and green jobs and opportunities for everyone. A recent Local Government Association report found that up to 4000 jobs will be needed across the Fylde Coast if we are to deliver our fair share of the labour force needed to get to net zero. With the natural resources of the sun, wind and tide at our disposal suggesting the potential for us to become an important centre for renewable energy generation, we should be pushing for more.

The Council intends to lead by example, and I believe we will not be the only organisation offering leadership. This plan gives Blackpool a focus and the impetus to start our work; it is now down to all of us to take responsibility, as individuals and within our workplaces and communities, for the transformation of Blackpool.



Neil Jack
Chief Executive

The Climate Emergency in Blackpool

There is a clear consensus that climate change caused by humans exists. Studies reviewed by scientists working independently show clearly that air and sea temperatures are rising over the long term. Increased levels of carbon dioxide and other gases produced by industrial and agricultural processes trap heat in the earth's atmosphere at low altitudes, causing this warming, with more CO2 heating the planet further. This is causing polar ice caps to melt and sea levels to rise whilst influencing the weather system, leading to different patterns and intensity of rainfall, causing floods and heat stress on cattle and farming. By studying natural and human-caused climate change separately, it is clear that human activity is mostly responsible.

Being a compact urban area, Blackpool's share of carbon emissions is smaller than other areas. As shown in the charts below, action taken by European and UK governments since the 1990's has significantly reduced our emissions, and new government policy is set to continue this trend. Locally, we have a strong public transport system, with low levels of car ownership, and overall energy consumption is lower than in areas with large-scale manufacturing businesses.

This means that the share of emissions coming from domestic energy use in Blackpool is above the Lancashire average. Most of this is from gas and electricity, but also from household waste and a small proportion from households burning other fuels. Household waste is a big contributor to emissions of other gases than CO2, with some of these like methane having a higher impact on the environment per kilogramme. Industrial and Commercial emissions in Blackpool mostly come from general commercial activity, but with public administration and food and beverage production also generating significant amounts, reflecting the makeup of Blackpool's economy. Transport carbon emissions have remained virtually unchanged over the last 15 years, with 74% of current emissions coming from Petrol and Diesel cars, and most of the rest from Light and Heavy Goods Vehicles.

All of these issues need to be addressed at a national level, and locally where possible, to make the biggest impact on our emissions.

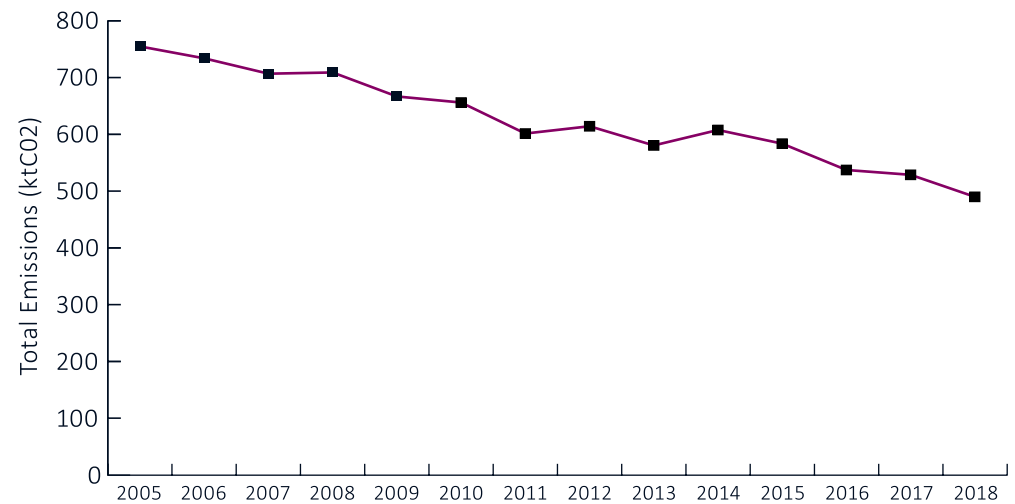
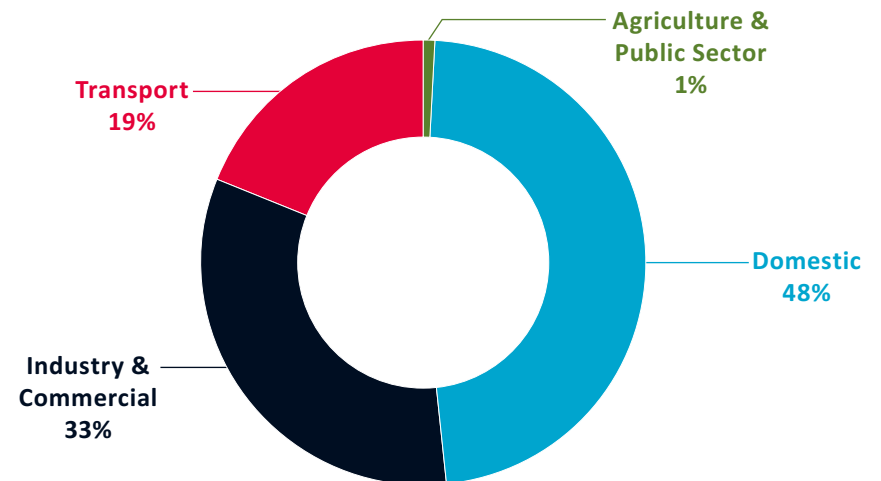


Figure 1: Blackpool Borough footprint trend 2005-2018



What the Government is Doing

The Government wants to get the UK to Net Zero carbon emissions by 2050, which means making a reduction of 78% by 2035 (compared to emissions in 1990). The Committee on Climate Change has set out a “carbon budget” to help them understand how much pollution they can still allow if they are to meet these targets. The government has considered this when developing plans to reduce emissions across the following areas:

- **Transport** – by encouraging people to get around by transport which pollutes less, including walking, cycling and electric vehicles, ending the sale of new petrol and diesel cars, and investing in new technology to help air and water-based transport decarbonise
- **Housing and Buildings** – by adding Hydrogen to gas to reduce pollution, stopping the supply of gas to new properties from 2025, providing grants for insulation and heating systems which extract heat from the ground or the air rather than burning a fuel, and setting out better standards for new properties to make them more fuel-efficient
- **Industry** – developing technology to remove carbon from the atmosphere mechanically, and exploring the use of Hydrogen in industrial processes which need intensive heat
- **Resources** – looking at ways to encourage investment in green energy generation, expanding off-shore wind farms, and supporting sustainable timber

The government wants its policies to work everywhere, from places like Blackpool with a big tourism market, to other areas with heavy industry. This plan sets out how we will help them work here.

However, we believe the government needs to get to net zero more quickly. Our figures show that around £15 billion would be needed across Lancashire to reduce emissions by 68% by 2030, leaving us short of our shared target with Lancashire and Blackburn with Darwen Councils to be net zero by 2030. We will use every avenue to call on the government to release resources to facilitate this.



Our Approach

Our goal is to make Blackpool Council net zero by 2030, and to work towards achieving the same across the whole town.

Our action plan is based on some simple rules to help us work towards our goal:

- **Reducing emissions, not compensating for them** – we will only use carbon offsetting – the practice of compensating for emissions by paying a company to make a carbon saving for us – as a last resort. We will only consider using such measures, like as peatland restoration elsewhere in Lancashire, and the mechanical removal of emissions through newly developing technology, only after all other options have been tried.
- **Working with residents** – 31 of our actions came from the recommendations of our Climate Assembly, made up of a cross section of local people. We also invited all residents to take part in a survey looking at what they would consider doing to help. Everyone can keep informed about the latest developments via our mailing list, and we will regularly involve people and local organisations as our action plan develops.
- **Leading by example** – our action plan is informed by [analysis – link] by leading environmental experts, who have worked out what we need to do and by when. We will convene a panel of industry leaders to advise us on the latest innovation as we add to our action plan. We will establish several significant projects that will make a real impact to energy use and renewable generation as this action plan evolves.

- **A “just” transition** – Blackpool is the most deprived local authority area in the country. Our climate assembly told us that they wanted to make a difference, but that we had to consider local people’s economic and social situation. We undertook an equality analysis which is reflected in our action plan. We will aim to help everyone play the fullest part possible by accounting for their circumstances, setting an example to other places.

- **Focus on positives** – the changes we need to make can sometimes feel overwhelming, but it is possible to make financial and personal choices that both support the environment and improve people’s lives. People are more motivated to make a change if there is a reward for doing so. For example, cycling to work saves money and improves health, as well as reducing pollution. We will focus on these “co-benefits” when delivering our actions to involve as many people as possible in the process.



Our Key Themes

To deliver the comprehensive approach needed to change how we do things, we have identified ten key themes under which we have grouped our actions:

- Housing
- Buildings and the Built Environment
- Transport, Getting Around and Digital
- Power and Heat
- Cleansing, Food, Water and Waste
- Community Leadership, Communication and Involvement
- Working With Others
- Business
- Natural Environment
- Building Knowledge, Capacity and Financial Resources

Our actions cover “scope 1, scope 2 and scope 3” emissions:

- Scope 1 emissions are where someone causes emissions by burning a fuel to provide power or heat
- Scope 2 is similar, but is where someone buys power or heat from someone else, known as “indirect” emissions
- Scope 3 emissions are all other indirect emissions – for example making a product then disposing it at the end of its life, investing in a petrol company, even travelling on business and the miles which people drive to commute to work would be included in an organisation’s or town’s scope 3 emissions.

Although this is complicated, it makes sure that we consider the full influence of our activity on the environment.

You can find full details of the action we want to take at the end of this document. We will update the actions included in the plan as the government rolls out further funding and policies, and as other local evidence and information becomes available.



Housing

Improving the efficiency of domestic properties in Blackpool, and reducing their emissions, is a major challenge. 78% of Energy Performance Certificates issued in Blackpool grade properties lower than a C rating for energy efficiency, and 82% are graded below C for their Environmental Impact Rating. Linked to this, 16.3% of households are in fuel poverty, above the national average, and most are heated by mains gas. With most people owning their own homes or paying mortgages, and relatively low wage levels, the UK government will need to provide further financial support and incentives for households to change if we are to reach our targets.

Some of our most important actions include:

- Build 30 new Council houses and retrofit 120 more with enhanced insulation and air-source heat pumps, plus deliver and learn from “eco coach” training on energy saving techniques
- Build new council housing to the highest efficiency and pollution standards (EPC standard A or B)
- Raise the standard of all our Council houses to EPC band C
- Raise the issue of energy efficiency standards in new housing with the Government, so that we can implement planning regulations consistent with our net zero target
- Deliver the Cosy Homes In Lancashire programme to tackle fuel poverty, making sure it contributes all it can to reducing emissions and increasing demand for zero emissions heating

What we need extra funding to do:

- Accelerate delivery of insulation and glazing of all housing, reducing net energy demand
- Accelerate delivery of “electrification” of heating and the transfer away from natural gas e.g., via ground and air-source heat pumps
- Develop and deliver strategic proposals to install solar panels on every suitable domestic rooftop



Buildings and the Built Environment

Industrial and commercial electricity and gas use in Blackpool emits 139,164 tonnes of CO2 every year. Whilst the amount of emissions from electricity use is higher than from domestic properties, gas emissions are only around half of the domestic figure. This means that total emissions will reduce more than in domestic properties in coming years due to the national move towards renewable sources of electricity generation. There are opportunities for businesses to invest in insulation, more efficient equipment and local electricity generation equipment, saving money over time. This requires access to suitable finance. Equally, authorities need greater powers and enforcement resources to close loopholes and exemptions that commercial property managers can exploit.



Some of our most important actions include:

- Develop proposals to promote, support and persuade landlords and businesses to install solar panels, insulation and heating systems using electricity
- Make sure that the planning system uses every opportunity to increase pro-climate measures, in particular through the Local Plan Core Strategy review
- Develop a retrofit programme for planned refurbishments to business premises owned by the Council, including setting a target for stock improvement
- Finish the replacement of existing street lighting with energy efficient LED lighting, which will save enough energy every year to power the Illuminations for 34 years

What we need further support to do:

- Campaign for the government to improve regulations, ability to enforce and resources around commercial property Energy Performance Certificates (EPC's)



Transport, Getting Around and Digital

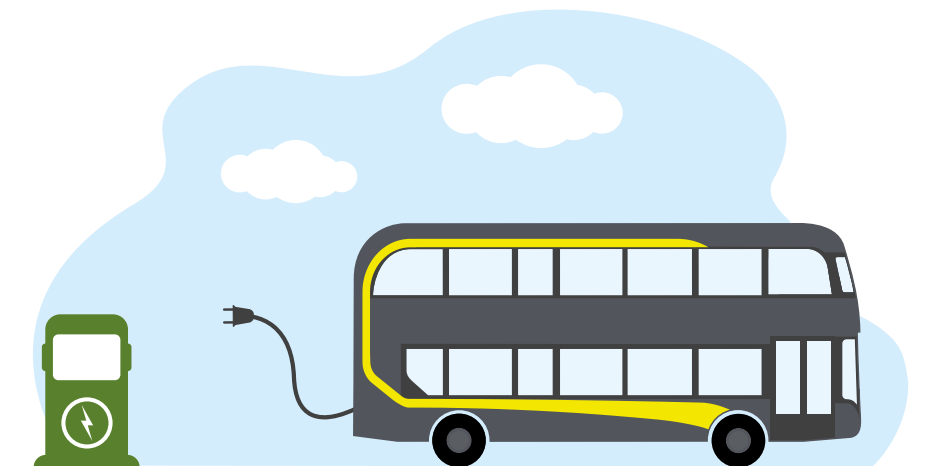
Blackpool may have one of the lowest levels of car or van ownership in the country, at 63% of households, but based on traffic count surveys, cars and taxis together represent over 80% of vehicles using Blackpool's roads. The town also experiences high volumes of visitors coming by car, with the number of passengers arriving at Blackpool North exceeding 120,000 per 28-day period in busy summer months. However, Blackpool's public transport system and compact scale means that 23% of trips taken whilst in Blackpool on holiday are by bus or tram, compared to 5% across most of the North, although the proportion of holiday trips by bike is negligible. There is also a relatively high proportion of people who do not regularly use the internet.

Some of our most important actions include:

- Develop a strategy for providing and running electric transport
- Make it simpler and more attractive for people to use no- and low-carbon transport, by developing a "modal shift" strategy
- Blackpool Transport to move to all-electric buses by [date]
- Implement Blackpool Digital Connectivity Strategy to increase the availability of ultrafast broadband, reducing the need to travel for leisure and work

What we need further support with:

- Funding and expertise to deliver our strategies
- Explore the options for early adoption of Hydrogen refuelling and battery charging technology for aircraft at Blackpool airport



Power and Heat

This theme links to those on housing, building and business, but focuses on our role in making new renewable energy schemes happen. If Blackpool can generate its own renewable power, we will reduce our demand on the national grid, helping to save energy for use here and elsewhere. Heat is slightly different, because we cause the emissions by burning fuel ourselves, so we need to “decarbonise” by looking at ways of avoiding causing carbon emissions in this way. We can do this by moving to other types of heating, or exploring non-polluting fuels such as green gas or hydrogen.

Some of our most important actions include:

- Exploring the development of a Solar Farm at Blackpool Airport
- Developing a Decarbonisation of Heat Strategy
- Exploring the potential of a battery power storage facility on the Blackpool Airport Enterprise Zone
- Seeking interest and participation in a community energy generation scheme
- Working with organisation to bring forward new renewable power schemes

Because of the scale of investment that these projects need, all of them will require support and resources from elsewhere. Some of this may be direct grants, some may be through borrowing, and others may be from investors, both individuals and larger financial institutions, who would want to see the projects deliver a profit.



Cleansing, Food, Water and Waste

One of our biggest challenges is going net zero is reducing the amount of things we use. Everything we make uses energy, so if we waste these products, then the energy used has also been wasted. We have included “cleansing” in this theme because of our litter problem. Our Climate Assembly raised concerns about the amount of discarded packaging and other items, particularly on our beaches. Packaging products for convenience creates waste because the packaging often can’t be reused, and often requires the use of energy to deal with the issue – for example, street sweepers cleaning the streets and collecting and emptying waste bins, but also reprocessing packaging to make another product.



Water is often forgotten about in this process. Not only does drinking water require treatment that leads to emissions, but it is a limited resource in its own right. The Council will develop a Water Action Plan for the organisation to address this, but we will also look at how we can work with others to reduce water use more generally.

Some of our most important actions include:

- Work with Lancashire County Council to identify and implement an Energy from Waste facility, turning leftover material into green gas
- Implement the new Environment Bill, which is likely to include collecting more recyclable material from houses
- Continue to work with Keep Britain Tidy and the LoveMyBeach campaign to reduce beach and street litter
- Promote the benefits of the circular economy, where goods are refurbished and resold instead of being disposed
- Develop or adopt a low carbon/plant-based food award scheme for participating restaurants, hotels and cafes



Community Leadership, Communication and Involvement

We need to think about the Climate Emergency every time we want to deliver a project, so we can understand whether it takes us closer to our net zero goal. But some of our other priorities, such as growing the economy to provide good quality jobs for people, might still impact negatively on the environment. Where this happens, we need to make sure we take other steps to cancel this out.

We also need to find ways of everyone playing a part. Some of us will need to do more than others, but everyone can take some steps to reduce their impact on the environment. It's important to make sure people are informed about what these steps are and how much difference they can make, both to the environment, but also to their day-to-day lives in other ways. Fewer than 1 in 25 people know that the last six years are all amongst the hottest on record, and the same research shows that underestimate the impact that taking flights has on the environment, but overestimate the positive impact of avoiding excess packaging.

Some of our most important actions include:

- Promote and support the Eco Schools initiative
- Improve the information on our website
- Understand what support individuals and neighbourhoods need to get involved and take action
- Establish a Climate Action Fund, so there is some money to spend with other groups and organisations on projects across Blackpool

What you can do:

- Read the Council's Climate Emergency pages to learn about what can make a difference, and then do something about it!



Working With Others

The Council is only responsible for around 3% of Blackpool’s total emissions, meaning that everyone in the town, from individuals to businesses to tourists, has a part to play. We will set up a Climate Action Partnership to pool the resources and expertise of businesses, community groups and public sector organisations. This will help us develop joint projects, work on funding bids, and support each other as we change. Together, we will push for more resources, and look to do more ourselves to tackle emissions.

Partners we will work with include:

- Blackpool Business Leaders Group
- Merlin Entertainments
- Blackpool & Fylde College
- Blackpool 6th Form
- Voluntary, Community and Faith Sector Forum
- Schools Partnership
- Business in the Community & the Pride of Place partnership
- Lancashire Wildlife Trust
- Groundwork
- A Better Start
- HeadStart
- Blackpool Teaching Hospitals
- Wyre Rivers Trust
- Blackpool FC Community Trust
- Blackpool Transport
- Blackpool Coastal Housing

Some of our most important actions include:

- Work with Lancashire councils on the development of the Greater Lancashire Plan environment workstream
- Roll out Carbon Literacy Training at the Council and offer the course to interested partners and local organisations
- Develop some “shovel ready” projects with interested partners (this means we will develop and design some carbon-reducing schemes which can be delivered quickly when we get funding)



Business

Private businesses, social enterprises and other trading organisations are major energy users. Other than public services, our economy is based mostly on tourism and manufacturing, and these sectors will need to be at the centre of any action on the climate emergency. Many businesses have been devastated by the impact of the coronavirus, and will need to balance the urgent demand to become more sustainable whilst improving their financial situations.

Blackpool Council spends £202m with suppliers every year to help us meet the needs of the town. To help make the most of this spend, we have a Social Value Policy to advise companies on what we expect from them over and above the service they offer. This includes the environmental benefits they can provide, as well as creating jobs for local people and other positive outcomes.

Some of our most important actions include:

- Work with businesses to promote the environmental and financial benefits of the circular economy
- Promote and support take-up of a sustainable tourism accreditation programme
- Work with the borough's largest employers to set targets for energy and emissions reduction
- Promote resource efficiency to Small and Medium Enterprises

The change to a low carbon economy will require new skills and jobs. We will develop a low carbon skills transition plan, which will include looking at opportunities for business and service industry growth. This will require significant financial investment from the UK government and the participation of other organisations involved in education and skills.



Natural Environment

Reducing emissions is not solely for the benefit of people, although it will ultimately save human lives. It will also start to slow the devastation of the natural environment seen most recently in severe flooding and forest fires, climate activity which has not just been limited to other parts of the world. And although the natural environment can help, we cannot rely on it to solve the problems we have created. Whilst planting trees can help to absorb carbon, the scale of change needed means that this should not be seen as the solution. We do not believe that “offsetting”, where individuals and companies pay to have trees planted elsewhere to absorb carbon, should be a significant element of this action plan. The role of trees in increasing protection from the sun’s heat, as significant parts of the ecosystem, and their mental health benefits should all be seen as more valuable than their role in removing carbon dioxide.

To support and restore the natural environment, we are delivering on commitments in the Green and Blue Infrastructure Strategy and the Tree Strategy, in addition to a series of Planning Policy documents. In addition to these, we have identified further activity as a result of developing this plan. Some of our most important actions include:

- Encourage and support Parks Friends Groups, Beach Guardians, Tree Wardens and other community led environmental stewards to explore ways of supporting the carbon emissions reduction agenda
- Introduce measures to promote biodiversity on verges and other underused spaces.
- Use Council owned land to increase biodiversity and carry out tree planting and other habitat restoration measures



Building Knowledge, Capacity and Financial Resources

The reality is that we will not get close to net zero without substantial additional money being committed by the UK government, financial institutions, and public and private sector organisations. Those individuals who can shoulder some financial burden will also need to contribute, particularly those who can afford to spend now to recoup money in the long term. Others will need partial or total financial support to be able to make the necessary changes.

Some of our most important actions include:

- Finding ways to fund some of the large projects included in the action plan
- Developing a Renewable Power Infrastructure Strategy
- Developing a Climate Change Resilience, mitigation and adaptation plan – so we can avoid some of the biggest problems climate change will cause
- Adopting a “Climate First” approach, where all Council strategies and initiatives must demonstrate their ability to contribute to achieving net zero
- Accounting for carbon emissions in all of our actions
- Campaigning for government to make resources available, and change legislation to push those who can afford it to implement green initiatives



Checking Our Progress

It is important that we regularly check to see if we are doing everything we can. The Council's Climate Emergency Steering Group, made up of staff from all Council services and Companies, will check the action plan every three months to make sure that we are making progress, and the Climate Action Partnership will check it twice a year. Both groups will discuss actions at every meeting, and the Strategy and Climate Team will look for ways of funding and delivering these new projects. Councillors will check progress via regular items at the Tourism, Economy and Communities Scrutiny Committee.

Measuring the impact of our actions will help us understand what is happening. To help with this, the council has a set of performance indicators:

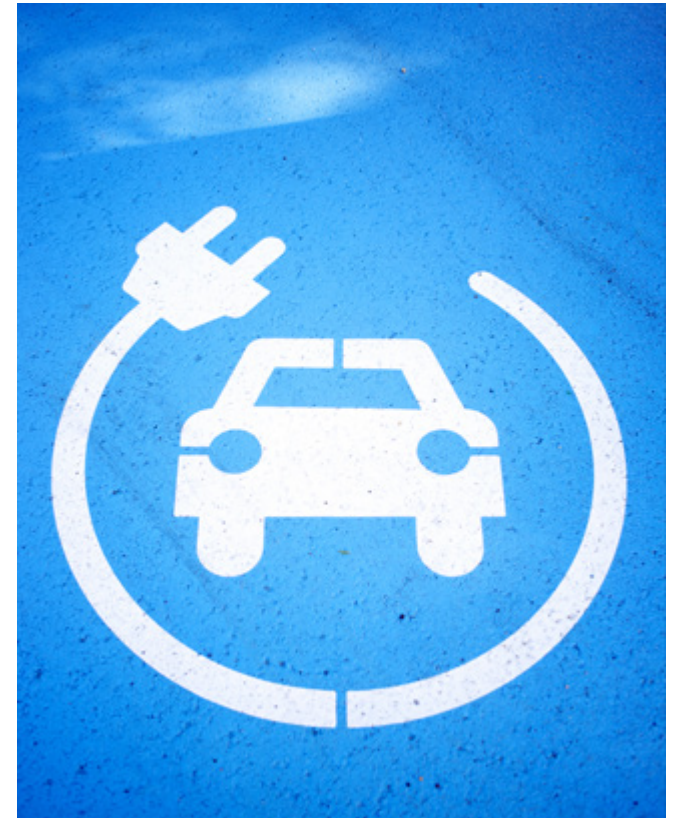
- Total CO2 emissions caused by the Council (tonnes), including:
 - Emissions from Council buildings
 - Emissions from vehicles, fleet, transport and equipment
 - Emissions from roads and street furniture (including lighting and traffic lights)
 - Emissions from staff and councillor travel and travel at work

- The proportion of energy from renewable sources
- The proportion of energy from "directly connected" renewable sources i.e. where the council generates its own power, including:
 - Annual electricity consumption
 - Annual gas consumption
 - Annual water consumption
 - Annual renewable energy generated

Further environmental performance indicators are included in the Green and Blue Infrastructure Strategy, and as part of the TOMS social value indicator set, and will be reported to all relevant groups when needed.

We will regularly commission updates to the town-wide carbon footprint for the Climate Action Partnership, and will involve residents and local groups in commenting on this work and making suggestions for further activity.

All actions in the strategy are subject to review and change, with any amended or discontinued actions being kept in an action log by the Strategy and Climate Team.



Blackpool's Climate Emergency: Action Plan

Theme 1: Housing

Green Actions = Deliverable from current financial resources

Amber Actions = Will require further internal and external resources

Red Actions = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 1: Housing						
1.	Accelerate delivery of insulation and glazing of all housing, reducing net energy demand	Town	Director of Strategy	June 2022 (proposals); December 2030	Not currently funded – estimated Lancashire cost £7.8 billion	Reduced energy demand for heating
2.	Accelerate delivery of “electrification” of heating and the transfer away from natural gas e.g., via ground and air-source heat pumps	Town	Director of Strategy	June 2022 (proposals); December 2030	Not currently funded – estimated Lancashire cost £4.9 billion	Reduced emissions via carbon-producing fuel sources
3.	Develop and deliver strategic proposals to install solar panels on every suitable domestic rooftop	Town	Director of Strategy	June 2022 (proposals) then December 2030	Not currently funded – estimated Lancashire cost £3.1 billion	Reduced energy demand for domestic activities
4.	Raise issue of energy efficiency standards in new housing with Government, ensuring that Blackpool is able to implement planning regulations consistent with a net zero target	Town	Director of Strategy	March 2022	Strategy and Climate Manager	New builds contributing to net zero targets
5.	Build 30 new Council houses and retrofit 120 more with enhanced insulation and air-source heat pumps, plus deliver and learn from “eco coach” training on energy saving techniques	Both	Chief Executive, Blackpool Coastal Housing	March 2023	Strategy and Climate Manager; Funded by ERDF and Council finances	Saving of 370.58 tonnes of CO2 emissions per year
6.	Encourage take-up of low energy demand appliances and LED lighting solutions via marketing and publicity	Town	Director of Strategy	November 2022 (initial campaign)	Communications Officer; Strategy and Climate Manager; Council finances	Reduced energy demand for domestic activities
7.	Undertake pilot work to quantify cost of delivering housing refurbishment to higher energy efficiency standard	Both	Director of Development, MyBlackpoolHome	November 2021	Strategy and Climate Manager; Funded by Council and MyBlackpoolHome	Consideration of costs by company board and Council
8.	Explore resources needed to enforce EPC ratings via landlord licensing scheme	Town	Director of Community & Environmental Services	February 2022	Private Housing Manager; Enforcement Manager; Strategy and Climate Manager	Report considering provision of additional resources
9.	Campaign to raise Minimum Energy Efficiency Standard for private landlords to band C	Town	Director of Community & Environmental Services	March 2022	Private Housing manager; Strategy and Climate Manager	Private Rented properties contributing to net zero
10.	All new council housing to be built to the highest energy standards (EPC ‘A’ or ‘B’)	Both	Chief Executive, Blackpool Coastal Housing	All future schemes	Blackpool Coastal Housing Head of Asset Management and Operations	Council housing contributing to net zero
11.	a. Establish action plan to raise all Blackpool Coastal Housing properties to EPC band C b. Consider the installation of solar PV on council owned homes following a roof and energy usage survey	Both	Chief Executive, Blackpool Coastal Housing	December 2030	Blackpool Coastal Housing Head of Asset Management and Operations; Head of Housing; Government and Council funding	Council housing contributing to net zero
12.	Deliver the Cosy Homes In Lancashire programme, maximising the contribution of the programme to reducing emissions by boosting local demand	Town	Consultant in Public Health	Ongoing	Rhea Projects (delivery team); Strategy and Climate Manager	Reduction in fuel poverty and emissions

Blackpool's Climate Emergency: Action Plan

Theme 2: Buildings and Built Environment

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 2: Buildings and Built Environment						
13.	Develop proposals to promote, support and persuade landlords and businesses to adopt actions 1-3 for commercial properties i.e. installation of solar, insulation and electrification of heat	Town	Director of Regeneration and Communications	February 2022	Communications Officer; Strategy and Climate Manager; Council finances	Commercial properties and businesses contributing to net zero
14.	Ensure the Climate Emergency is explicitly addressed in the Town Centre Strategy Review	Town	Growth and Prosperity Programme Director	March 2022	Project and Programme Development Manager; Highways Performance Manager; Transport Policy Manager; Government and Council funding	Contribution to modal shift; improved town centre environment and air quality
15.	Campaign for government to improve regulations, ability to enforce and resources around commercial property Energy Performance Certificates (EPC's)	Town	Director of Community & Environmental Services	March 2022	Trading Standards Manager; Strategy and Climate Manager; government funding	Commercial properties contributing to net zero
16.	Develop Air Quality Strategy	Town	Director of Community & Environmental Services	March 2022	Air Quality Officer; Strategy and Climate Manager	Contribution to modal shift and measures to reduce pollution
17.	Use the Local Plan Core Strategy review to maximise adoption of pro-climate measures	Town	Growth and Prosperity Programme Director	December 2024	Senior Planning Officer; Strategy and Climate Manager	Consistency of Council vision and policies
18.	Explore use of an incentive and loans scheme or auction to increase take-up of solar e.g. Solar Together	Town	Director of Strategy	January 2022	Strategy and Climate Manager	Increase the amount of renewable energy generated by domestic properties/communities
19.	Develop a retrofit programme for planned refurbishments to business premises owned by the Council, including setting a target for stock improvement	Both	Director, Communications and Regeneration	December 2030	Head of Property Services; Energy and Utilities Manager; council and government funding	Commercial properties contributing to net zero
20.	Portfolio size optimisation and disposal to reduce energy use, in line with move to flexible and remote working	Council	Director of Resources	TBC	Head of Property Services; Energy and Utilities Manager; council funding	Reduced Council energy demand
21.	Revise Asset Management Plan to ensure alignment with net zero vision	Council	Director of Resources	December 2021	Head of Property Services; Energy and Utilities Manager teams; council funding	Improved Council contribution to net zero
22.	Deliver programme to replace existing street lighting with LEDs	Both	Director of Community & Environmental Services	December 2024	Head of Coastal and Environmental Partnership Investments, Energy and Utilities Manager, council funding	Improved Council contribution to net zero

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Theme 3: Transport, Getting Around and Digital

Green Actions = Deliverable from current financial resources

Amber Actions = Will require further internal and external resources

Red Actions = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 3: Transport, Getting Around and Digital						
23.	Develop Electric Transport strategy for Blackpool, including role of public and private sectors, provision of charge points, visitor demand and review of policies on provision and car park charging	Town	Director of Community & Environmental Services	Electric Cars: July 2022; full strategy March 2024	Strategy and Climate Manager; Energy and Utilities Manager; Highways Performance Manager; Transport Policy Manager; council funding; external support	Strategy to address Blackpool's role in supporting transition to electric transport
24.	Develop modal shift action plan linked to Active Lives Strategy – including measures to improve walking, cycling, frequency and quality of bus, tram and train transport, plus consideration of innovations e.g. e-scooters, trolleybuses	Town	Director of Community & Environmental Services	TBC – Lisa/John	Senior Planning Officer; Transport Policy Manager; Sports Development Manager; government and council funding	Encourage low carbon forms of transport including non-motorised options
25.	Optimising network management through optimising traffic signals, introduction of road schemes and consideration of speed limits to reduce pollution from static traffic	Town	Director of Community & Environmental Services	Ongoing	Highways Performance Manager; Strategy and Climate Manager	Reduced pollution and emissions from combustion engines
26.	BTS electrification/support round two of ZEBRA work/ Implement Bus Service Improvement Plan to encourage use of public transport	Both	Managing Director, Blackpool Transport	TBC – Karen checking with James C	Transport Policy Manager	Public transport supporting net zero transition
27.	Explore potential of joint bus and private vehicle charging infrastructure at Rigby Road depot	Both	Managing Director, Blackpool Transport	TBC – Karen checking with James C	Blackpool Transport staff and various Council resources as needed; government and council funding	Encouraging use of zero emission transport in Blackpool
28.	Undertake a review of evidence on Park and Ride schemes, including evaluation of summer 2021 scheme	Town	Director of Strategy	December 2021	Strategy and Climate Manager; Blackpool Transport staff	Assess benefits of 2021 scheme and quantify impact on emissions
29.	Establish baseline of promenade emissions and consider pilot of traffic-free days during Blackpool Illuminations	Town	Director of Community & Environmental Services	May 2022	Air Quality Officer; Strategy and Climate Manager	Assessment of reduction in pollution and impact on economy
30.	Explore incentives for taxi trade to switch to low emission vehicles e.g. infrastructure requirements, financial incentives and trial options	Town	Director of Community & Environmental Services	May 2022	Licensing Manager; Strategy and Climate Manager; government and council funding	Taxi trade supporting net zero transition
31.	Implement Blackpool Digital Connectivity Strategy to ensure availability of ultrafast broadband	Town	Director of Resources	TBC - Tony	Head of ICT; Strategy and Climate Manager; government and council funding	Reduced need for work and leisure trips
32.	Explore potential to promote or pilot a zero emission shared car club in Blackpool	Town	Director of Community & Environmental Services	April 2023	Strategy and Climate Manager; council funding	Increase zero emission travel

Blackpool's Climate Emergency: Action Plan

Theme 3: Transport, Getting Around and Digital

Green Actions = Deliverable from current financial resources

Amber Actions = Will require further internal and external resources

Red Actions = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 3: Transport, Getting Around and Digital						
33.	Explore the options for early adoption of Hydrogen refuelling and battery charging technology for aircraft at Blackpool airport	Both	Head of Enterprise Zones	TBC – Rob Green	Blackpool Airport; government and council funding	Support aviation sector transition to net zero
34.	Establish Staff Travel Plan	Council	Director of Community & Environmental Services	March 2023	Strategy and Climate Manager; Transport Policy Manager	Reduction in emissions from staff travel
35.	Explore options to increase EV use amongst staff, including business case for staff EV car pool as per EST work and our staff lease car offer	Council	Director of Resources	May 2022	Energy and Utilities Manager; Strategy and Climate Manager	Reduction in emissions from business travel
36.	Campaign for government to take measures to decarbonise and reduce road haulage e.g. provision of rail freight, HGV charging, promotion of zero emission "last mile" deliveries	Town	Director of Community & Environmental Services	February 2022	Strategy and Climate Manager	Road Haulage contributing to net zero

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Theme 4: Power and Heat

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 4: Power and Heat						
37.	Explore development of a Solar farm at Blackpool Airport Enterprise Zone	Town	Head of Enterprise Zones	Mid 2023 (if economically viable)	Energy and Utilities Manager; council funding	Generation of zero emission energy in Blackpool
38.	Seek interest and options for a community energy generation scheme	Town	Director of Strategy	January 2022 (interest); September 2022 (options)	Strategy and Climate Manager; Local Energy NW Hub; private funding	Generation of zero emission energy in Blackpool
39.	Collaborate with public and private sector organisations to help stimulate the deployment of renewable energy projects at scale, including pilots of new technology (e.g. Wyre tidal barrage)	Town	Director of Strategy	Ongoing	Strategy and Climate Manager; government, council and private funding	Generation of zero emission energy on Fylde Coast
40.	Develop and explore decentralised heating systems, including providing guidance for developers	Both	Director of Strategy	Ongoing	Strategy and Climate Manager; government and council funding	Generation of zero emission energy on Fylde Coast
41.	Revisit existing outline schemes for wind power and assess their feasibility	Both	Director of Strategy	Ongoing	Senior Planning Officer; Strategy and Climate Manager; Energy and Utilities Manager; council funding	Generation of zero emission energy in Blackpool
42.	Develop and implement renewable energy programme including: Replace gas heating @thegrange with ground source heat pump; Roof-mounted Solar panel programme across council assets	Council	Director of Resources	December 2021 for programme	Energy and Utilities Manager; council funding	Generation of zero emission energy in Blackpool for Council use
43.	Develop Decarbonisation of Heat Strategy including consideration of renewable alternatives and a move to green gas where unavoidable; Energy audits	Council	Director of Resources	TBC Pending UK government "Heat in Buildings" strategy	Energy and Utilities Manager; council funding	Reduction of carbon-intensive energy used by Council
44.	Implement advanced metering and building management systems, including voltage optimisation	Council	Director of Resources	Ongoing	Energy and Utilities Manager; council funding	Reduction of energy used by Council
45.	Explore potential for battery storage facility on EZ to maximise potential of energy use or resale	Town	Head of Enterprise Zones	TBC – Rob Green	Energy and Utilities Manager; government and council funding	Support constant availability of power from renewable sources

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Theme 5: Cleansing, Waste, Food and Water

Green Actions = Deliverable from current financial resources

Amber Actions = Will require further internal and external resources

Red Actions = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 5: Cleansing, Waste, Food and Water						
46.	Continue to review potential of Energy From Waste facility	Both	Director of Community and Environmental Services	Ongoing	Head of Waste Policy and Partnerships; Lancashire Mineral and Waste Planning team; council funding	Provide alternative power generation option dealing with waste
47.	Influence 10 year municipal waste strategy	Both	Director of Community and Environmental Services	March 2022	Head of Waste Policy and Partnerships; council funding	Support implementation of emissions and waste agendas
48.	Use data to identify high and low waste areas of Blackpool for targeted support on improving recycling rates	Town	Director of ENVECO	November 2021	Head of Waste Policy and Partnerships; Strategy and Climate Manager; ENVECO	Maximise takeup of recycling
49.	Respond to the provisions of the Environment Bill when enacted – including introduction of new recycling streams	Both	Director of Community and Environmental Services	TBC Pending enactment of Bill	Head of Waste Policy and Partnerships; Strategy and Climate Manager; ENVECO	Maximise takeup of recycling
50.	Continue work with Keep Britain Tidy and the LoveMyBeach campaign to reduce beach and street litter	Town	Director of Community and Environmental Services	Ongoing	Head of Waste Policy and Partnerships; Strategy and Climate Manager; ENVECO	Improved bathing water quality
51.	Further roll out provision of recycling facilities to HMOs and flats	Both	Director of ENVECO	March 2022	Head of Waste Policy and Partnerships; Strategy and Climate Manager; ENVECO	Maximise takeup of recycling
52.	Promote the environmental and financial benefits of the circular economy, including reduction of consumption, re-use of goods and increasing recycling	Town	Director of Community and Environmental Services	March 2022	Head of Waste Policy and Partnerships; Strategy and Climate Manager; ENVECO	Reduction in energy use and carbon emissions
53.	Promote benefits of eating seasonally and locally, including the use and further provision of allotments and community gardens, and develop zero waste community shops	Town	Director of Strategy	October 2021 (promotion); May 2025 (others)	Strategy and Climate Manager	Example project sharing best practice
54.	Investment in streetscape and beachscape furniture that facilitates smarter recycling and minimises the impact of littering	Town	Director of Community and Environmental Services	March 2022	Head of Waste Policy and Partnerships; government and council funding	Increased recycling from public waste bins
55.	Develop and implement joint food waste and energy generation project between Hospital and Council catering services	Both	Director of Community and Environmental Services	October 2022	Strategy and Climate Manager; Atlas Facilities (Hospital); council and partner funding	Clean energy generation from waste
56.	Develop Water Action Plan to reduce demand and waste and consequently impact on emissions, install water saving technology and increase resilience to water-related issues	Both	Director of Community and Environmental Services	January 2023	Energy and Utilities Manager; Head of Coastal and Environmental Partnership Investments; Senior Planning Officer, Strategy and Climate Manager; council funding	Reduced water waste and reduced emissions from treatment

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Theme 5: Cleansing, Waste, Food and Water

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 5: Cleansing, Waste, Food and Water						
57.	Engage with schools to ensure meals are delivered in accordance with the Eatwell Guide, improving the quality but reducing the quantity of meat used	Council	Director of Community and Environmental Services	March 2022	Catering Services Manager; Strategy and Climate Manager	Reduced emissions from food used by Council
58.	Develop a low carbon/plant-based food award scheme for participating restaurants/hotels/cafes	Town	Director of Strategy	March 2024	Strategy and Climate Manager	Reduced emissions from food consumed in the town
59.	Introduce "edible" schemes in council parks and open spaces, at schools and via community groups	Town	Director of Community and Environmental Services	March 2023	Green Infrastructure Development manager; Strategy and Climate Manager	Reduced emissions from food consumed in the town
60.	Improve building recycling rates	Council	Director of Resources	March 2022	Head of Property Services; Strategy and Climate Manager	Improved recycling in Council buildings
61.	Review material use to aim to minimise and repurpose leftovers e.g. in grounds maintenance	Council	Director of Strategy	May 2023	Strategy and Climate Manager; relevant services	Reduced waste from Council services and projects

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Theme 6: Community Leadership, Communication and Involvement

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 6: Community Leadership, Communication and Involvement						
62.	Pilot entry-level qualifications in sustainability	Town	Director, Communications and Regeneration	October 2021	Head of Adult, Community and Family Learning	Greater topic knowledge in the community
63.	Engage with community groups on climate change agenda, including scoping of donation of garden areas and their re-use	Town	Director of Strategy	December 2021	Strategy and Climate Manager; Partnerships and Community Engagement Manager	Community mobilisation
64.	Promote and support Eco Schools initiative, aiming for 100% of schools with an award by 2024	Town	Director of Children's Services	March 2024	Strategy and Climate Manager; Schools Partnership; Eco Schools; council funding	Increase in awareness of issues and participation in environmentally-positive behaviours
65.	Develop full communications and marketing plan	Town	Director, Communications and Regeneration	January 2022	Communication Officer; and Strategy and Climate Manager	Increase in awareness of issues and participation in environmentally-positive behaviours
66.	Introduce programme of behaviour change initiatives to encourage adoption of environmentally-positive lifestyle changes	Town	Director of Strategy	March 2024	Communication Officer; and Strategy and Climate Manager	Increase in awareness of issues and participation in environmentally-positive behaviours
67.	Improve and extend the Council's online climate and environment resources	Town	Director, Communications and Regeneration	November 2021	Communication Officer; Strategy and Climate Manager	Increase in numbers accessing relevant information and services
68.	Scope the potential establishment of an Energy Hub(s) in the town, providing signposting and assistance to sources of funding, advice etc.	Town	Director of Strategy	February 2022	Strategy and Climate Manager and other services as required	Increase in numbers accessing relevant information and services
69.	Deliver specific events and support to international and national climate or sustainability events	Town	Director of Strategy	Ongoing	Strategy and Climate Manager and other services as required	Increase in awareness of issues and participation in environmentally-positive behaviours
70.	Establish approach to Community involvement, including theme leads, liaison with community groups and community champions, enabling grass roots actions and positive change	Town	Director of Strategy	Ongoing	Strategy and Climate Manager and Climate Action Partnership	Increase in awareness of issues and participation in environmentally-positive behaviours
71.	Approach to involving young people, support Youth Climate Action Group	Town	Director of Strategy	Ongoing	Strategy and Climate Manager and Climate Action Partnership	Increase in awareness of issues and participation in environmentally-positive behaviours
72.	Establish a Climate Action Fund to incentivise and "pump-prime" schemes, pilot initiatives and invest-to-save projects to help with transition measures	Both	Director of Strategy with Director of Resources	TBC – discussion on priority in budget setting process	Strategy and Climate Manager; other services as required; funding	Reduce emissions and energy use; increase awareness and action

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Theme 7: Working with others

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 7: Working with others						
73.	Launch Blackpool Climate Action Partnership, "encouraging and empowering" businesses, organisations and the community to act	Town	Director of Strategy	November 2021	Strategy and Climate Manager	Town-wide collaborative activity to deliver emissions reduction
74.	Work with Blackpool Business Leaders' Group and BITC Responsible Business Network to establish a relationship with businesses sector by sector	Town	Director of Strategy	December 2021	Strategy and Climate Manager; BBLG; BITC	Support businesses to deliver emissions reduction
75.	Co-produce action plan to address development of skills for future green jobs, including CRF project on green and digital skills	Town	Director of Strategy	October 2022	Strategy and Climate Manager; Head of Work and Health Programmes	Ensure economic benefits from green transition
76.	Work with Blackpool Fylde and Wyre Economic Prosperity Board to ensure cross-borough collaboration	Town	Growth and Prosperity Programme Director	Ongoing	Strategy and Climate Manager	Ensure economic benefits from green transition
77.	Shape the development and rollout of the Environment workstream of the Greater Lancashire Plan	Town	Director, Communications and Regeneration	December 2021	Strategy and Climate Manager	Ensure economic benefits from green transition
78.	Identify opportunities to promote Blackpool's work and approach to sub-regional, regional and national organisations and partnerships	Both	Director of Strategy	Ongoing	Strategy and Climate Manager	Ensure Blackpool is seen as a leader in the green transition
79.	Roll out Carbon Literacy Training at the Council and offer to interested partners and local organisations	Both	Director of Strategy	December 2022 (Council); ongoing	Strategy and Climate Manager; Head of Adult, Community and Family Learning	Increase in awareness of issues and participation in environmentally-positive behaviours
80.	Develop a series of "shovel-ready" projects with interested partners	Town	Director of Strategy	Ongoing	Head of Project Development and Funding; Energy and Utilities Manager, Head of Property Services and Strategy and Climate Manager	Reduce emissions and energy use; increase awareness and action
81.	Establish Blackpool, Fylde Coast or Lancashire Climate Expert Panel to bring latest thinking and expertise to future activity planning	Town	Director of Strategy	May 2022	Strategy and Climate Manager; Lancashire Universities	Ensure access to innovative ideas on reducing emissions

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Theme 8: Business

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 8: Business						
82.	Work with businesses to promote the environmental and financial benefits of the circular economy, including reduction of consumption, re-use and re-sale of goods, use of sustainable packaging, reducing waste and increasing recycling	Town	Director, Communications and Regeneration	Ongoing	Strategy and Climate Manager	Increase in awareness of issues and participation in environmentally-positive behaviours; Ensure economic benefits from green transition
83.	Promote and support take-up of a sustainable tourism accreditation programme	Town	Director, Communications and Regeneration	March 2022 then ongoing	Strategy and Climate Manager; Communication Officer	Increase in awareness of issues and participation in environmentally-positive behaviours
84.	Explore role of incentives in achieving positive change	Town	Director of Strategy	October 2022	Strategy and Climate Manager; Climate Expert Panel	Participation in environmentally-positive behaviours
85.	Develop Blackpool Travel to work survey across large employers in Blackpool	Town	Director of Strategy	January 2022	Strategy and Climate Manager	Increased understanding of travel behaviours
86.	Develop low carbon skills transition plan including: <ul style="list-style-type: none"> Assessment of need Opportunities for business and service growth Green apprenticeships Liaison with education providers 	Town	Director, Communications and Regeneration	March 2023	Strategy and Climate Manager; Head of Work and Health Programmes; government and council financial resource	Ensure economic benefits from green transition
87.	Work with the borough's largest employers to set targets for energy and emissions reduction	Town	Director of Strategy	March 2023 then ongoing	Strategy and Climate Manager; Head of Economic Development	Ensure economic benefits from green transition
88.	Promote resource efficiency to Small and Medium Enterprises	Town	Director, Communications and Regeneration	March 2023 then ongoing	Strategy and Climate Manager; Business Growth Manager; Head of Procurement	Ensure economic benefits from green transition

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Theme 9: Natural Environment

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 9: Natural Environment						
89.	Consider declaring an Ecological Emergency	Town	Director of Community and Environmental Services	April 2022	Green and Blue Infrastructure Manager; Strategy and Climate Manager	Link climate and biodiversity crises when implementing solutions
90.	Explore opportunities for use of Bioenergy with Carbon Capture and Storage (BECCS) technology across the Fylde Coast	Town	Director of Strategy	March 2024	Strategy and Climate Manager	Removal of carbon emissions from atmosphere
91.	Encourage and support Parks Friends Groups, Beach Guardians, Tree Wardens and other community led environmental stewards to explore ways of supporting the carbon emissions reduction agenda	Town	Director of Strategy	March 2024	Strategy and Climate Manager	Community Mobilisation
92.	Introduce measures to promote biodiversity on verges and other underused spaces.	Council	Director of Community and Environmental Services	March 2027 – John to confirm	Green and Blue Infrastructure Manager; Strategy and Climate Manager; council funding	Increased biodiversity across the town
93.	Double the existing commitment in the GBI strategy to plant 10000 trees, including at sites outside the borough if necessary	Both	Director of Community and Environmental Services	March 2027 John to confirm	Green and Blue Infrastructure Manager; Strategy and Climate Manager; council funding	Increased tree canopy cover; absorption of carbon dioxide
94.	Implement the Green and Blue Infrastructure Action plan, including introducing a Supplementary Planning document and protecting, growing and enhancing other Green Infrastructure, promoting biodiversity	Town	Director of Community and Environmental Services	March 2027 John to confirm	Green and Blue Infrastructure Manager; Strategy and Climate Manager; council funding	Increased biodiversity across the town; Increased tree canopy cover
95.	Implement the Tree Strategy, including reviewing planting locations, encouraging trees on private land, and protecting existing trees and woodland	Both	Director of Community and Environmental Services	March 2027 John to confirm	Green and Blue Infrastructure Manager; Strategy and Climate Manager; council funding	Increased tree canopy cover
96.	Implement enhanced environmental measures including phasing out peat use, redesigning mowing regimes, changing weed spraying, planting only native species and supporting adaptation measures such as tree planting for carbon sequestration and 'cooling-off' benefits	Town	Director of Community and Environmental Services	March 2027 John to confirm	Green and Blue Infrastructure Manager; Strategy and Climate Manager; council funding	Increased tree canopy cover
97.	Use Council owned land to increase biodiversity and carry out tree planting and other habitat restoration measures	Council	Director of Community and Environmental Services	March 2027 John to confirm	Green and Blue Infrastructure Manager; Strategy and Climate Manager; council funding	Increased tree canopy cover
98.	Conclude ERDF-funded Grange Park tree planting programme	Town	Director of Community and Environmental Services	March 2023	Green and Blue Infrastructure Manager	Increased tree canopy cover; absorption of carbon dioxide

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Theme 10: Building knowledge, capacity and financial resources

Green Actions = Deliverable from current financial resources **Amber Actions** = Will require further internal and external resources **Red Actions** = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 10: Building knowledge, capacity and financial resources						
99.	Explore all sources of finance, including: Grant funding, collaboration, borrowing, local voluntary or compulsory levies, crowdsourcing, co-operative purchasing, joint ventures, and profit sharing	Both	Director of Finance	Ongoing	Head of Accountancy; Strategy and Climate Manager	Ensure access to sufficient funding for plan delivery
100.	Engage with government policy announcements on climate in light of their implications of our net zero goal	Council	Director of Strategy	Ongoing	Strategy and Climate Manager	Ensure access to sufficient funding for plan delivery
101.	Conduct an audit on the council's carbon data capture and implement recommendations	Council	Director of Resources	March 2022	Internal Auditor and Strategy and Climate Manager	Accurate monitoring reduction in emissions
102.	Establish performance indicators and monitoring arrangements to check trajectory	Both	Director of Strategy	February 2022	Strategy and Climate Manager	Accurate monitoring reduction in emissions
103.	Develop and implement a Renewable Power Infrastructure Strategy, including update of 2011 Renewable Energy Potential study	Both	Director of Strategy	May 2022	Strategy and Climate Manager; Energy and Utility Manager	Generation of zero emission energy in Blackpool/Lancashire
104.	Review all Council strategies and explore potential for further measures to support emissions reduction	Both	Director of Strategy	November 2021	Strategy and Climate Manager; Lancaster University placement	Ensure consideration of sustainability agenda throughout all work
105.	Identification of specific development needs across all Council services via IPA and Carbon Literacy processes	Council	Director of Strategy	February 2023	Strategy and Climate Manager; Workforce Development Manager; Head of Adult, Community and Family Learning	Ensure staff are equipped to take decisions based on sustainability
106.	Establish staff group across Climate Action Partnership members to promote and encourage positive environmental behaviours and initiatives	Both	Director of Strategy	December 2021	Strategy and Climate Manager	Maximise potential of staff knowledge and resource
107.	Develop "climate champions" in service areas and buildings	Council	Director of Strategy	December 2021	Strategy and Climate Manager	Maximise potential of staff knowledge and resource
108.	Develop and deliver internal communications campaign about sustainability	Council	Director, Communications and Regeneration	December 2021	Strategy and Climate Manager	Maximise potential of staff knowledge and resource
109.	Co-ordinate sustainability efforts across the council's companies	Council	Director of Strategy	Ongoing	Strategy and Climate Manager	Maximise potential of company resources
110.	Develop climate change resilience, mitigation and adaptation plan, including consideration on people and households, the built environment and our heritage assets (piers, listed buildings, parks etc)	Council	Director of Strategy	December 2023	Strategy and Climate Manager; Public Health Practitioner; Head of Coastal and Environmental Partnerships; Climate Action Partnership	Ensure a robust response to the effects of climate change

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Theme 10: Building knowledge, capacity and financial resources

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Amber Actions = Will require further internal and external resources

Red Actions = Reliant on external funding

ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 10: Building knowledge, capacity and financial resources						
111.	Review scope of emissions included in 2030 target to consider inclusion of further scope 3 upstream and downstream categories	Both	Director of Strategy	September 2023	Strategy and Climate Manager	Increase in awareness of issues and participation in environmentally-positive behaviours
112.	Adopt "Climate First" approach, where all Council strategies and initiatives must demonstrate their ability to contribute to achieving net zero	Council	Director of Strategy	November 2021	Strategy and Climate Manager; measures likely to require additional financial investment	Ensure consideration of sustainability agenda throughout all work
113.	Work with Lancashire councils and Towns Fund support to develop a process to review the environmental cost/benefits of new developments	Council	Director of Strategy	November 2021	Strategy and Climate Manager	Ensure consideration of sustainability agenda throughout all work
114.	Develop and explore feasibility of implementing a carbon costing process	Council	Director of Resources	February 2022	Strategy and Climate Manager; Lancaster University placement	Ensure consideration of sustainability agenda throughout all work
115.	Fully implement Sustainability Impact Assessment process	Council	Director of Strategy	November 2021	Strategy and Climate Manager	Ensure consideration of sustainability agenda throughout all work
116.	Set minimum environmental social value targets for all Council procurement decisions, where appropriate	Council	Director of Resources	November 2021	Head of Procurement; Strategy and Climate Manager	Ensure consideration of sustainability agenda throughout all work
117.	Adopt specific environmental measures for suppliers as part of the rollout of TOMS social value indicators	Council	Director of Resources	November 2021	Head of Procurement and Strategy and Climate Manager	Accurate monitoring reduction in emissions
118.	Link implementation of social value indicators directly to upskilling on environmental skills, including future work skills, business opportunities, legacy projects and improved well being	Council	Director of Resources	December 2022	Social Value Officer	Ensure consideration of sustainability agenda throughout all work
119.	Implement our revised Suppliers Charter and tendering processes, with a view to promoting an ethical stance to contractors	Council	Director of Resources	Ongoing	Social Value Officer	Ensure consideration of sustainability agenda throughout all work
120.	Liaise with Lancashire Pension Fund to encourage divestment from fossil fuels at a greater rate	Council	Director of Resources	Ongoing	Strategy and Climate Manager	Ensure investments are consistent with our aims
121.	Adopt socio-economic duty to ensure consideration of lower income groups in delivering climate objectives	Council	Director of Resources	December 2022	Equality and Diversity Manager	Ensure consideration of a "just transition" in our work
122.	Adopt pro-active stance on Blackpool's needs from environmental legislation, funding and action, raising local issues with government officials and ministers as necessary	Council	Director of Strategy	Ongoing	Strategy and Climate Manager	Ensure local voice as part of national decision-making

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Theme 10: Building knowledge, capacity and financial resources

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ID	Action	Type	Lead officer	Deadline	Resources?	Outcome
Theme 10: Building knowledge, capacity and financial resources						
123.	Explore role of incentives in achieving positive change and map employer policies on volunteer days with a view to using them for environmental benefit	Town	Director of Strategy	July 2022	Strategy and Climate Manager; Climate Action Partnership	Staff mobilisation
124.	Undertake a feasibility study to explore requiring BREEM standard Good to smaller schemes or raising the standard to Excellent	Town	Director, Communications and Regeneration	December 2023	Senior Planning Officer; council funding	Reduce emissions and energy use
125.	Develop an approach to gathering Town Deal project carbon baselines and monitoring schemes as they progress	Town	Director of Growth and Prosperity	December 2023	Head of Project Development and Funding; Strategy and Climate Manager; Climate Action Partnership	Ensure consideration of sustainability agenda in key regeneration schemes