

Low Carbon Action Plan



**City of
Sunderland**

Introduction

Background

Climate change represents a significant challenge for our generation. Over the past 50 years, the average global temperature has increased at the fastest rate in recorded history and the trend is accelerating. 2019 was the second warmest year on record, according to the World Meteorological Organization.

It is a global issue in relation to which every person, every organisation and every place has a role to play. Sunderland is committed to playing its part in tackling the global climate change emergency.

In March 2019, Sunderland City Council acknowledged the scale of this challenge by declaring a Climate Emergency at Full Council, recognising the immediate action required, and agreed to the following motion:

“In recognition of the threat posed to our environment by climate change Sunderland City Council will declare a climate emergency. Numerous local authorities around the country have declared climate emergency and it is important for the council to show it takes the issue seriously. Recent weather and changes in ecosystems show that we are already seeing changes as a result

of climate change so it is important to join other councils in giving the issue suitable attention and clearly setting out how we will meet our targets on cutting emissions.”

Over the past decade Sunderland has responded to the climate change crisis in a number of ways and taken steps to reduce its carbon emissions. However, as a city we still emit 1,436,600 tons of CO₂ annually (based on 2017 Department for Business, Energy and Industrial Strategy data). We all need to act urgently to reduce our carbon emissions to help in the global fight to limit global temperature rise to below 1.5°C.

Partnership Approach - 2030 Shadow Board

Tackling Climate Change is too great a task for any one body/organisation. Partners need to come together to address the challenges in Sunderland. On this basis a partnership board, known as the 2030 Shadow Board (reflecting the ambition to be carbon neutral by 2030), has been set up bringing together representatives from across the city such as the NHS, University of Sunderland, Sunderland College, NE Chamber of Commerce as well with Elected

Member representation from each Group on the Council. The 2030 Shadow Board's purpose is to work collectively to drive forward Sunderland's ambitions and commitment to tackling climate change and the 2030 Shadow Board has shaped the development of the Sunderland Low Carbon Framework.

Sunderland Low Carbon Framework

The 2030 Shadow Board recognises that reducing carbon emissions cannot be linear and requires close co-operation across the city. The Low Carbon Framework therefore provides a high-level strategic framework for how we will play our part as a city in meeting the commitments under the Paris Agreement, and our commitments a city as a signatory of the EU Covenant of Mayors, UK100 Pledge, and through our declaration of a climate emergency.

It focuses activity around seven strategic priorities, putting people at its heart - changing our behaviours, changing our organisational policies and practices, and setting out 5 thematic areas under which work will be taken forward. These focus on the built environment, green economy, low

carbon energy generation and storage, consumption and waste, low carbon and active transport.

The Low Carbon Framework establishes a target for the City as a whole to be carbon neutral by 2040. This target has been set based on the understanding that Sunderland would need to reduce its annual carbon emissions by 14.4% per annum to achieve this. The calculations are based on the Tyndall Centre's recommendations, which is a science led approach.

A much greater reduction, of 25% per annum, would be required for the city as a whole to meet the ambition of being carbon neutral by 2030. There are a range of areas where further detail, support or intervention at national level by Government is required to facilitate this and accelerate progress.

However, given the urgency for action, as a city we are choosing to drive this Framework forward now, based on what we already know we need to do, with further development work to follow on an ongoing basis.

Sunderland City Council Action Plan

This Action Plan has been prepared to align to the Sunderland Low Carbon Framework. It established how the Council will reduce its carbon impact and meet the strategic objectives in the Framework.



This Action Plan

Based on what we know today, this Action Plan sets out the numerous actions that we think we must take to deliver the City's carbon neutral target. It sets out where Sunderland City Council needs to go and focusses on the actions we can start to take now. This provides an approach and platform to build on.

There may be many ways to achieve the outcomes we need. This Action Plan is not intended to plot a fixed and definitive course to carbon neutrality. There will be further developments which cannot be accurately predicted and there will be many other actions that will emerge over time.

There will be no such thing as a 'final version' as it will be in constant review as real world events happen and new technologies and delivery methods become available.

The Action Plan sets out the action the Council intend to take to meet each of the seven strategic priorities identified in the Low Carbon Framework. The Action Plan includes:

- the projects which will assist in the delivery of the actions;
- the service area responsible for delivering the actions;

- the status of the action/project - concept/feasibility/in delivery/complete;
- the timescales - short (within the next 3–5 years), medium (5–7 years) and long (8–10 years)

The Low Carbon Framework sets out a range of wider benefits to which reducing carbon emissions is expected to be able to contribute. There will therefore be opportunities for the ongoing development and implementation of the Council's Low Carbon Action Plan to support delivery of the wider City Plan as well as to support delivery of individual strategies, such as the Community Wealth Building Strategy and other initiatives aligned to the Council's wider objectives as a Co-operative Council.

Data

In order to deliver on our carbon neutral commitment, we must ensure we tackle emissions where they arise and we must deploy our limited resources to achieve the greatest carbon reduction impact. It is therefore essential that we have a full understanding of carbon datasets.

We need to understand the nature and sources of the climate emissions at city level by using reliable baseline information in

order to determine an appropriate scale and type of intervention. Whilst data is very important to our low carbon planning, we must not allow the absence of perfect data to prevent us taking action.

We recognise that this is an area which will require further development over the coming months and years to create meaningful Key Performance Indicators and an annual report.

Monitoring Progress

Annual progress reports in relation to the Action Plans will set out the actions that have been delivered over the preceding year, confirm whether the actions that are proposed over the coming years remain relevant.

As more data becomes available to the Council, this will be included in the Action Plan to make the clear the amount of carbon which will be saved. The Action Plan currently identifies this as low, moderate or high, which is based on a judgement rather than actual carbon savings.

It is essential that there is continuing involvement in the development and implementation of actions from residents, businesses, and other organisations in the city.

City Council Governance and Budget

Responsibility for Low Carbon sits within City Development but requires all services across the Council to be actively involved. It is imperative that carbon reduction is imbedded into every aspect of service delivery and that all employees recognise the role that they can play in assisting the Council to achieve its ambition of being Carbon Neutral.

To deliver the Council's commitments, the Council's 2030 Task Group has been established which will initially meet bi-monthly. A lead officer, for each of the seven Low Carbon strategic priorities, has been identified to take part in the 2030 Task Group.

This lead officer is responsible for coordinating with relevant officers across the Council the delivery of the actions and projects identified under their strategic priority in the Action Plan.

In addition, an Assistant Director from each Directorate has been identified to provide a clear link into Directorate Management Teams to ensure cross-cutting input from the Directorate as a whole.

Sunderland City Council's Carbon Reduction Budget has been made available to fund Council led projects which align with those ambitions set out under the Low Carbon Framework and Action Plan.

A Low Carbon Team has also been established within Economic Regeneration. The Team's role to date has been to prepare, with partners and colleagues, the Low Carbon Framework and the Council's draft Action Plan. The Team will work with the 2030 Shadow Board to coordinate actions and monitor progress across the City.

A key role for the team, following endorsement of the Framework and adoption of the Action Plan, will be to develop the necessary data and intelligence systems to accurately monitor progress and help prioritise activities to take forward. This will include joint work with partners as well as drawing on good practice.

Sunderland City Council Carbon Emissions, Vision and Target

Emissions

Sunderland City Council currently emits 15,018 tonnes of carbon annually through its estate. This is made up of approx. 8,000 tonnes from buildings, 5,300 from streetlights, 1,490 from its fleet, 220 from its business travel.

The emissions have been steadily reducing year on year, since our first evaluation in 2008, in part due to the decarbonisation of the National Grid, as well as improvements to ways of working.

Advancements in technology have also aided the council's aspirations to reduce our

carbon footprint, including the introduction of electric cars and LED lighting. Sunderland met its reduction target (set in 2008), of a 34% reduction in CO₂ compared to 1990 levels by 2012.

Total Council CO₂ emissions (tonnes)



Framework Vision

'Through joint partnership with local residents, communities and business, Sunderland aims to become a carbon neutral city by 2040.'

To help us achieve our vision, we will work with partners and with Government to identify support and investment which can enable us to bring forward achievement of our vision.

City Council Target

In order to achieve the Frameworks visions becoming carbon neutral by 2040, we must continue to reduce our emissions by at least 1,500 tonnes annually, over the next ten years. Sunderland City Council realise that the target we are setting is ambitious, but we want to be seen as a dynamic leading

authority who will strive to play our part in this global challenge.

At this stage the reduction figure is a guideline and will change as our work progresses, to include development, advancing technologies and new opportunities as they emerge.

Action Plan Strategic Priorities

Our behaviour



Strategic Priority 1:

Engage with employees, residents, communities and partners and encourage positive behaviour change to reduce the city's carbon footprint through influencing individual choices

Policies and operational practices



Strategic Priority 2:

Adapt the policies and operational practices of our organisations to embrace and support carbon initiatives, including climate resilience and offsetting, procurement, governance and engagement.

An energy efficient built environment



Strategic Priority 3:

Improve energy efficiency of existing homes and buildings and infrastructure and work towards zero carbon for new homes and buildings

Renewable energy generation and storage



Strategic Priority 4:

Develop renewable energy generation and storage, and renewable/district heating schemes

Low carbon and active transport



Strategic Priority 5:

Develop low carbon and active transport modes such as walking, cycling, rail, Metro, electric and innovative technologies for buses and private vehicles, and help make public transport a more attractive choice.

Green economy



Strategic Priority 6:

Grow the city's green economy, and engage with businesses to work towards environmental sustainability

Consumption and waste



Strategic Priority 7:

Reduce the volume of all consumption and waste, changing what we consume and how it is produced, continuing to avoid the disposal of waste by landfill and increasing opportunities to reuse materials and recycle waste wherever possible.





Strategic Priority 1: Our behaviour

Engage with employees, residents, communities and partners and encourage positive behaviour change to reduce the city's carbon footprint through influencing individual choices.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
1.01	Engagement programme on low carbon agenda and individual choices for residents.	1.01.1	Social Media Campaigns	Under Development	Corporate Services	Corporate Affairs & Communications	2021/22	City	Moderate	Moderate
		1.01.2	Residents Survey	In progress	Corporate Services	Corporate Affairs & Communications	2021/22	City	Moderate	Moderate
1.02	Engagement programme on low carbon agenda and individual choices for businesses.	1.02.1	Business Survey	In progress	Corporate Services	Corporate Affairs & Communications	2021/22	City	Moderate	Moderate
1.03	Engagement programme on low carbon agenda and individual choices with young people	1.03.1	School Engagement programme (Let's Talk style)	Under Development	Corporate Services	Corporate Affairs & Communications	2021/22	City	Moderate	Moderate



Strategic Priority 2: Policies and operational practices

Engage with employees, residents, communities and partners and encourage positive behaviour change to reduce the city's carbon footprint through influencing individual choices.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
2.01	Re-evaluate and develop sustainable procurement procedures and policy, in line with the circular economy, including ethical banking, together with Council investments, purchasing and activities.	2.01.1	Re-evaluate and develop sustainable procurement procedures (TOMS)	Concept	Corporate Services	Business and Property Services	2021/22	Both	Moderate	Moderate
		2.01.2	Adapt the procurement policies relating to the construction of new Council buildings and infrastructure.	Concept	Corporate Services	Business and Property Services	Short	Both	Moderate	Moderate
2.02	Increased use of video conferencing/smart working/home working etc.	2.02.1	All staff to be set up on Teams	Delivered	Corporate Service	Corporate Services	2020/21	ICT	Moderate	Low
		2.02.2	Agile working policy	Feasibility	Corporate Service	HR	2020/21	Both	Moderate	Low
2.03	Investigate the use of Council parks, greenspaces and bluespaces (including school open spaces) to offset carbon through green methods for council and/or individual and local business emissions.	2.03.1	North East Community Forest feasibility	Feasibility	City Development	Economic Regeneration	2021/22	Both	Low	Moderate
		2.03.2	Ecological Mitigation Strategy	Concept	City Development	Economic Regeneration	2021/22	Both	Moderate	Moderate
2.04	Explore the opportunities and feasibility for urban greening (e.g. street trees on council land), tree planting and green roofs/walls to help avoid climate extremes.	2.04.1	Undertake study to consider urban greening opportunities on Council-owned land in relation to street trees, as well as trees for shading, green roofs or walls beside or on Council properties.	Concept	City Development	Economic Regeneration	Short	Both	Moderate	Moderate

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
2.05	Council to update its business continuity plans in response to climate change and extreme weather events.	2.05.1	Business Continuity Plans to be reviewed to reflect impacts of Climate Change	Concept	City Development	Business & Property Services	Short	Council	Low	Low
2.06	Minimising all types of flood risk.	2.06.1	Local Plan to prepare a Strategic Flood Risk Assessment which identifies areas for development which are considered to be low risk.	In progress	City Development	Economic Regeneration	Short	Council	Low	Low
		2.06.2	Local Plan to allocate sites for development which are considered to be at low risk of flooding.	In progress	City Development	Economic Regeneration	Short	Council	Low	Low
		2.06.3	Development Management to ensure all applications minimise the risk of flooding across the city.	In progress	City Development	Development Management	Ongoing	City	Low	Low
2.07	Explore opportunities to reduce carbon emissions through ongoing delivery of the Community Wealth Building Strategy and Neighbourhood Investment Plans including engagement with the city's voluntary and community sector and other initiatives aligned to the Council's wider objectives as a Co-operative Council.			In progress	Neighbourhoods	Community Resilience Service	Short	Both	Moderate	Moderate



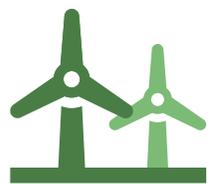
Strategic Priority 3: An energy efficient built environment

Improve energy efficiency of existing homes and buildings and infrastructure and work towards zero carbon for new homes and buildings.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
3.01	Delivering new Council-owned zero carbon homes.	3.01.1	Sunderland Housing Company to build new homes which can be carbon neutral	Concept	Neighbourhoods	Sunderland Housing Company	Medium	Council	Moderate	Low
		3.01.2	Delivery of the first major carbon free scheme in Council owned housing at Willowfield	Concept	Neighbourhoods	Sunderland Housing Company	Short	Council	Low	Low
3.02	Retrofit of existing/purchased housing stock (Council).	3.02.1	Retrofitting empty properties to make them more energy efficient.	Feasibility	Neighbourhoods	Sunderland Housing Company	Short	Council	Low	Low
3.03	Enabling the delivery of new low carbon homes across the city.	3.03.1	Riverside Sunderland (Expo)	Concept	City Development	Strategic Development Team		City	None	Low
		3.03.1	Land East of Washington (Washington Meadows) SPD	In progress	City Development	Economic Regeneration	2020/21	City	None	Low
		3.03.3	Explore potential for the council to gain PAS 30 and MCS accreditation to support implementation of retrofitting	Concept	Neighbourhoods	Sunderland Housing Company	Short	Council	Low	Low
3.04	Ensure low cost technologies such as LED lighting are rolled out across other council-owned building and facilities, including parks and open spaces to reduce energy use	3.04.1	LED lighting of parks and associated buildings, Traffic Signals and Lit Signs	Delivery	Corporate Services	Business & Property Services	Short	Council	High	Low

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
3.05	Push for higher quality energy and low carbon design standards in all new and renovated development across the city	3.05.1	Planning Reform Response to lobby for low carbon design standards to be included in National Planning Policy Framework	Complete	City Development	Economic Regeneration	2020/21	Both	Low	Low
		3.05.2	Monitor on an annual basis if planning applications are meeting low carbon design standards	In progress	City Development	Economic Regeneration	2020-2025	Both	Moderate	Moderate
3.06	Pursuing funding for energy retrofits	3.06.1	Green Homes Grants Programme	In progress	Corporate Services	Property Services	2020/21	City	Low	Moderate
		3.06.2	Decarbonisation Fund Programme	In progress	Corporate Services	Property Services	2020/21	City	Low	Moderate
		3.06.3	Explore opportunities to work with private sector landlords either directly or from a community leadership perspective	Concept	Neighbourhoods	Sunderland Housing Company	Short	Council	Low	Low
3.07	Engage citizens to transfer to low carbon sources of heating	3.07.1	Sign posting residents to any relevant grant schemes such as Green Homes Grant Programme (3.06.1)	In progress	Neighbourhoods	Community Resilience	2020/21	Both	Low	Moderate

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
3.08	Consider offsetting funds to pay for energy efficiency if cannot be delivered as part of development	3.08.1	Work with partners' pledges across the city and provide options for carbon offsetting, whether locations are within the city or whether best practice options lie beyond the city.	Concept	City Development	Planning	Medium/Long	Both	Low	Moderate



Strategic Priority 4: Renewable energy generation and storage

Develop renewable energy generation, storage and renewable/district heating schemes.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
4.01	Use council Land for energy generation and storage	4.01.1	Explore solar farm potential (feasibility study)	Concept	City Development	Infrastructure, Planning and Transportation	2021/22	Both	Low	Moderate
		4.01.2	Explore wind turbine potential by identifying sites in Allocations and Designations Plan	In delivery	City Development	Economic Regeneration	2020/21	Both	Low	Moderate
		4.01.3	Understand full potential for natural offsetting	Concept	City Development	Infrastructure, Planning and Transportation	Short	Both	Low	Moderate
		4.01.4	Carry out inventory on Council properties and greenspaces to explore energy storage potential	Concept	City Development	Infrastructure, Planning and Transportation	Short	Both	Low	Moderate
4.02	Explore minewater heating opportunities - City Centre	4.02.1	Stage 1: Completed renewable energy/minewater feasibility study for the City Centre	Complete	City Development	Infrastructure, Planning and Transportation	NA	Both	Low	Low
		4.02.2	Stage 2: Outline Business Case for renewable energy/minewater study for the City Centre	In delivery	City Development	Infrastructure, Planning and Transportation	2020/21	Both	Moderate	Moderate

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
4.03	Explore minewater heating opportunities - City Wide	4.03.1	City wide feasibility study on the opportunities that exist	Concept	City Development	Infrastructure, Planning and Transportation	Short	Both	Moderate	Moderate
4.04	Installation of solar PV on all viable Council properties and buildings	4.04.1	Undertake an inventory on all council owned properties and their potential for new/additional PV panels	Feasibility	corporate	Property Services	2020/21	Council	Moderate	NA
4.05	Increase electricity storage on council properties to allow maximum use of locally generated energy	4.05.1	Carry out inventory of Council properties and greenspaces to explore energy storage potential	Concept	City Development	Infrastructure, Planning and Transportation	Short	Both	Moderate	Moderate
4.06	Improve the resilience and coordination of the council's energy systems to manage demand response which is sensitive to weather conditions and local energy needs	4.06.1	Undertake report that considers energy resilience/power certainty through varying factors, both for the Council's operations	Concept	City Development		Medium/long term	Council	Moderate	NA
4.07	Creating local Micro Grid energy networks and generation (where feasible in planning and viability terms) to reduce reliance on central grid.	4.07.1	Micro grid and renewables at Riverside Sunderland	Concept	City Development	Development	Short	Both	Moderate	Moderate
		4.07.2	Micro grid and renewables at North East Washington	Concept	City Development	Development	Short	Both	Moderate	Moderate



Strategic Priority 5: Low carbon and active transport

Develop low carbon and active transport modes such as walking, cycling, rail, Metro, electric and innovative technologies for buses and private vehicles, and help make public transport a more attractive choice.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
5.01	Encourage park and walk across the city	5.01.1	Pilot program to restrict access to some streets to encourage people to walk.	Feasibility	City Development	Infrastructure, Planning and Transportation	2021/22	City	NA	Low
5.02	Council to develop its own electric vehicle/Hybrid/ULEV fleet and EV charging infrastructure	5.02.1	Feasibility study for EV infrastructure requirements for new EV Hub at Parsons.	Complete	City Development	Infrastructure, Planning and Transportation	2020/21	Both	Low	Low
		5.02.2	Purchasing EV infrastructure requirements	Concept	City Development	Infrastructure, Planning and Transportation	2021/22	Both	Low	Low
5.03	Consider electric vehicle (ULEV) priority in bus lanes	5.03.2	Conversion of A690 Durham Road No Car Lanes and consider 'bus links' elsewhere. Discussions held with DfT and Nottingham re sign authorisation, public engagement and education key to success	Concept	City Development	Infrastructure, Planning and Transportation	Medium	Both	Moderate	Moderate
5.04	Delivering a clean freight strategy for road and rail for Sunderland	5.04.3	In conjunction with North East Freight Network to develop and deliver a comprehensive clean freight strategy for road and rail for Sunderland.	Concept	City Development	Infrastructure, Planning and Transportation	Medium	Both	Moderate	Moderate

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
5.05	Lobby Government regarding sustainable transport investment in infrastructure in/into Sunderland	5.05.1	Continue to lobby, Government and Nexus and the Joint Transport Committee for support to progress development of rail infrastructure in the city.	In progress	City Development	Infrastructure, Planning and Transportation	Ongoing	Both	Low	Low
5.06	Continue to concentrate new development at sustainable/accessible locations in the city	5.06.2	Residential Standards to be included in the Development Management SPD	In progress	City Development	Economic Regeneration Infrastructure Planning & Transportation	2020/21	Both	Low	Low
5.07	Develop better walking/ disabled access in neighbourhoods and centres	5.07.1	Prepare a Local Cycling and Walking Investment Plan (LCWIP) in line with government Cycling and Walking Strategy. The plan to make walking and cycling the natural choices for shorter journeys or as part of a longer journey for all ages	In progress	City Development	Infrastructure, Planning and Transportation	2021/22	Both	Moderate	Moderate
5.08	Develop cycle network/cycle parking to all neighbourhoods and centres									

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
5.09	Work with Nexus and bus operators to improve bus services by low/zero carbon bus vehicles, real time info, integrated ticketing	5.09.1	Continue to engage with Nexus and the Bus operators to encourage take up of low/zero carbon buses. Continue dialogue with the Nexus and the other LA regions for cross boundary ticketing and wi-fi improvements.	In progress	City Development	Infrastructure, Planning and Transportation	Ongoing	Both	Moderate	Moderate
5.10	Develop improved bus priority infrastructure	5.10.1	Undertake increased enforcement to protect bus lanes	In progress	City Development	Infrastructure, Planning and Transportation	2021/22	City	NA	Low
5.11	Work with licencing to create low/zero carbon taxi fleet	5.11.1	Funding received from OLEV to provide rapid charging in Houghton for Taxis.	In progress	City Development	Infrastructure, Planning and Transportation	2020/21	City	NA	Low
5.12	Work with Nexus to extend Metro and heavy rail services across city and further afield.	5.12.1	Allocations and Designations Plan to safeguard routes	In progress	City Development	Infrastructure, Planning and Transportation	2020/21	City	NA	Low
5.13	Lobby Government regarding sustainable transport investment in infrastructure in/into Sunderland	NA		In progress	City Development	Economic Regeneration	2020/21	City	NA	Moderate



Strategic Priority 6: Green economy

Grow the city's green economy, and engage with businesses to work towards environmental sustainability.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
6.01	Learn from and share good practice to engage with businesses of all sectors to work towards environmental sustainability	6.01.1	Identify relevant Government information and programmes as well as best practice to support greening the local economy	Under development	City Development	Economic Regeneration	2020/21	City	NA	Low
6.02	Support business of all sectors to work towards environmental sustainability	6.02.1	Deliver the externally funded BREEZ ERDF project and associated outcomes (supporting 85 SMEs by end December 2021)	In delivery	City Development	Economic Regeneration	2020/21	City	NA	Moderate
		6.02.2	Deliver the Sunderland element of the externally funded BEST ERDF project and associated outcomes (supporting 50 SMEs by end December 2020)	In delivery	City Development	Economic Regeneration	2020/21	City	NA	Moderate
		6.02.3	Encourage investment in and adoption of low carbon technologies by all business sectors (e.g. Ground and Air Source Heat Pumps and new emerging technologies)	In delivery	City Development	Economic Regeneration	2020/21	City	NA	Moderate
6.03	Support the city's existing green economy businesses to grow in the city	6.03.1	Include green economy businesses as key strand in after care and business support activity	Under development	City Development	Economic Regeneration	2020/21	City	NA	Moderate

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
6.04	Include a clear focus on green economy businesses in approach to inward investment	6.04.1	Target green economy businesses as part of inward investment approach	Under development	City Development	Economic Regeneration	2020/21	City	NA	Moderate
6.05	Maximise the opportunities to grow the city's green economy through programmes such as Driving the Electric Revolution	6.05.1	Work closely with the Driving the Electric Revolution Centre (DER) North East to maximise opportunities for Sunderland companies and business investment	Under Development	City Development	Economic Regeneration	2021/22	City	NA	Low
6.06	Raise awareness of the city's existing green economy and good practice in the city's business community in relation to low carbon	6.06.1	Develop case studies for use in marketing campaign to raise awareness of the city's existing green economy and good practice in relation to low carbon within the city's business community	Under Development	City Development	Economic Regeneration	2020/21	City	NA	Low



Strategic Priority 7: Consumption and waste

Reduce the volume of all consumption and waste, changing what we consume and how it is produced, continuing to avoid the disposal of waste by landfill and increasing opportunities to reuse materials and recycle waste wherever possible.

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
7.01	Deliver repair and reuse facilities, workshops @ HWRC Site	7.01.1	Stage 1 Capital Funding & Planning Permission	Delivered	Neighbourhoods	Environmental Services	2020/21	City	NA	Low
		7.01.2	Stage 2 Build	Delivered	Neighbourhoods	Environmental Services	2021/20	City	NA	Low
		7.01.3	Stage 3 Advertise opportunity to operate	Under development	Neighbourhoods	Environmental Services	2021/22	City	NA	Low
7.02	Continue to work towards the council's commitment to become single use plastic free	7.02.1	Procurement for catering contracts	Under development	Neighbourhoods	Environmental Services	Ongoing	Council	Low	Low
7.03	Investigate using food waste for anaerobic digestion to provide energy and developing a plan for kerbside food collection by 2023 in line with Defra's Resources and Waste Strategy.	7.03.1	Undertake review of energy potential from food waste/anaerobic digestion	Concept	Neighbourhoods	Environmental Services	2021/22	Both	Low	Low
7.04	Investigate using food waste for anaerobic digestion to provide energy and developing a plan for kerbside food collection by 2023 in line with Defra's Resources and Waste Strategy.	7.04.1	Undertake review of potential for kerbside food collection in line with national strategy in 2023. Awaiting National Strategy Review.	Concept	Neighbourhoods	Environmental Services	2021/22	Both	Low	Low

Action Ref	Action	Project Ref	Project	Status of Project	Directorate	Service Area	Timescales	Council or city target	Benefit to Council carbon footprint	Benefit to city's carbon footprint
7.05	Investigate ways to eliminate the remaining waste going to landfill and implement into council policy	7.05.1	Joint Municipal Waste Partnership in place - all waste is handled in accordance with the Waste Hierarchy with residual waste going to a waste plant	Complete	Neighbourhoods	Environmental Services	2020/21	Both	Low	Low
7.06	Explore adoption of Green Kitchen Standard/Food for Life	7.06.1	Undertake review of Green Kitchen Standard/Food for Life in relation to Council operations	In progress	Neighbourhoods	Environmental Services	2021/22	Council	Low	Low
7.07	Developing sustainable events and tourism	7.07.1	Review of best practice elsewhere in UK to adopt sustainable methods in holding events and developing tourism	Concept	Neighbourhoods	Environmental Services	2021/22	Council	Low	Low
7.08	Local food growing - increasing the number of allotment plots and community gardens	7.08.1	Stage 1 - Recover derelict allotment plots for reuse;	In progress	Neighbourhoods	Environmental Services	2021/22	City	Low	Low
			Stage 2 - Investigate other areas of land for allotment or community gardens.	In progress						



**City of
Sunderland**