

Last Updated: June 23rd, 2025

Newcastle-under-Lyme Borough Council



Sustainable Environment Delivery Plan

This document will outline the actions needed to become a net zero Council by 2030, a net zero Borough by 2050, and a more biodiverse and engaged Borough. The decarbonisation actions below are all mapped by different scope emissions and all actions will include summary information, cost, staff or service leads, and a deadline. The actions will be updated by the Sustainable Environment Team bi-annually during their Working Group after the adoption by Cabinet to ensure the document stays fluid and relevant. This includes but isn't limited to updating action progress or information and adding actions to different sections. For more detail on 2030 actions, please see [The Site Heat and Fleet Decarbonisation Background](#) documents. Please find the Sustainable Environment Strategy & Delivery Plan on our website here.

Aims & Objectives

The aim of the Sustainable Environment Strategy and Delivery Plan is to drive forward a sustainable society, economy and environment in Newcastle-under-Lyme Borough for the benefit of residents, businesses, visitors and the natural environment by 2050, focusing on the built environment and energy, travel and transport, natural environment and sequestration, and engagement and behaviour change.

The objectives listed below will drive the action needed to achieve the main aim of this strategy and delivery plan, Newcastle Borough Council will:

1. **Facilitate the development into a Net Zero Council by 2030** through the decarbonisation of the Council's built environment and fleet.

2. **Facilitate the development into a Net Zero borough by 2050** through the decarbonisation of housing, businesses and transport.
3. **Promote the natural environment** in the borough to increase biodiversity, carbon sequestration, and storage.
4. **Develop a service-focused strategy and delivery plan** in the Council to engage Council staff and deliver service owned actions.
5. **Engage with residents, businesses and visitors** through online and physical communication networks to create sustainable behaviour change within the borough.

Governance

The governance and accountability of this strategy and plan will be dependent on the sustainable environment working groups that feed into and form the plan as well as a bi-annual review of the plan by Health, Wellbeing & Environment Scrutiny Committee, and an annual review by Cabinet. Each service will have a sustainable environment working group to drive forward the actions in the delivery plan to ensure different services are responsible for the transition towards a more sustainable future in the borough. Upon a bi-annual review by the Scrutiny Committee, the strategy and plan will be updated with new information, action progress and other additions to ensure it is a live document and always relevant. To track the progress of the SESDP The Green One Council Meeting has been created to track actions and evaluate their impact.

In total there are 8 working groups, each focused on different services in the Council. These are:

- Commercial Delivery
- Regulatory Services
- Neighbourhood Delivery



- Sustainable Environment (Streetscene, Recycling & Waste, Fleet & Site)
- IT & Digital
- Legal & Governance
- Strategy, People & Performance
- Planning

These working groups will identify relevant actions from the main delivery and service plan for the working groups to progress and achieve in collaboration with relevant service leads and the Sustainable Environment Services. Once done these will be reported, with progress being updated in the main strategy and plan during the next occurring quarterly review. Working groups will meet monthly with a service lead working group that meets quarterly to ensure good communication between services and the implementation of actions by their deadline.

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Progress Tracker	Cost Tracker
Blue = Action Achieved & Ongoing Green = Action Achieved Yellow = Progress Underway Red = No Progress or Unsuitable Action	£ = £0 - £10,000 ££ = £10,000 - £100,000 £££ = £100,000 - £1,000,000 ££££ = £1,000,000 - £10,000,000 £££££ = £10,000,000 - £100,000,000

2030 Built Environment & Energy Delivery Plan

To ensure the Council are able to decarbonise their own built environment, the Council has set out a delivery plan for 2030 with actions assigned by a certain deadline, to different staff and services and finally with a summary of the action and its cost. This will allow an accountable process for the decarbonisation of the Council's built environment. See the relevant actions below for the Council to achieve a net zero built environment by 2030:

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Scope 1 Emissions							
BE301	To assign £7,396,287 of Council capital to the	The amount needed to decarbonise flagship sites was generated by	Finance & Sustainable Environment	£7,396,287 (££££)	February 2024	N/A	£7.4M of capital was adopted for decarbonisation

	decarbonisation of flagship sites.	Faithful & Gould who reviewed these sites.					in Council February 2024
BE302	To deliver the decarbonisation of all Council owned flagship sites.	<p>The Flagship sites of the Council include:</p> <ul style="list-style-type: none"> - Brampton Museum & Park - Bradwell Crematorium - Knutton Lane Depot - Jubilee 2 Leisure Centre - Newcastle Market Office - Castle House - Keele Cemetery <p>See below for detailed summaries of each site.</p>	Facilities Management, Regeneration & Sustainable Environment	£7,396,287 (££££)	December 2030	445 tCO2e	Action is progressing, updates located from BE303 to BE309 (28/05/25).
BE303	To deliver the decarbonisation of Brampton Museum & Park.	<p>Behaviour Change - £178</p> <p>Fabric Upgrades (Roof & Glazing) - £395,518</p> <p>LED Lighting - £17,056</p> <p>Heating & DHW Install - £143,324</p>	Facilities Management, Regeneration & Sustainable Environment	£622,514 (£££)	2030	14 tCO2e	Brampton Musuem has been awarded funding to implement LEDs, fabric and behaviour change



		BMS/Controls Upgrade - £63,688 Vent Upgrade - £3,750					upgrades (28/05/25).
BE304	To deliver the decarbonisation of Bradwell Crematorium.	Behaviour Change - £626 Fabric Upgrades (Wall & Roof) - £283,633 LED Lighting - £32,755 Heating & DHW Install - £211,564 PV Install - £36,700 BMS/Controls Upgrade - £52,632 Vent Upgrade - £7,500 Due to the lack of current electrified technology to replace the two furnaces in the Crematorium, this action be left until the technology is developed. Until then the emissions from their operations will be offset.	Facilities Management, Regeneration & Sustainable Environment	£625,411 (£££)	January 2026	31 tCO2e	Installing solar PV on the Office and Chapel south facing roof, including roof insulation upgrades (30/08/24). Installed solar PV and roof insulation upgrades (28/05/25). Looking into funding electric cremators through Salix PSDS to replace current diesel cremators (28/05/25).



BE305	To deliver the decarbonisation of Knutton Lane Depot.	Behaviour Change - £632 Fabric Upgrades (Wall, Roof, Glazing) - £1,420,936 LED Lighting - £44,664 Heating & DHW Install - £525,920 PV Install - £42,000 BMS/Controls Upgrade - £129,410 Vent Upgrade - £3,000	Facilities Management, Regeneration & Sustainable Environment	£2,166,561 (££££)	January 2027	96 tCO2e	Works to electrify and decarbonise the Depot are underway through a partnership with the County and UK Power Networks Services.
BE306	To deliver the decarbonisation of Jubilee 2 Leisure Centre.	Behaviour Change - £1,786 LED Lighting - £119,392 Heating & DHW Install - £3,438,300 PV Install - £280,000 BMS/Controls Upgrade - £106,600 Cooling Upgrade - £170,000 Vent Upgrade - £10,000	Facilities Management, Regeneration & Sustainable Environment	£4,126,078 (££££)	January 2029	280 tCO2e	<p>The Council is looking to externally fund some of this action through the Salix PSDS Scheme.</p> <p>NuLBC have been awarded ~£2.8M to install solar thermal and air source heat pumps to decarbonise J2 heating (28/05/25).</p>



BE307	To deliver the decarbonisation of Newcastle Market Office.	<p>The Market Office is a small office in Town used for the markets staff. However the site is now only being used as a warehouse. Facilities are being removed except for lighting. However full installations are being left in in case of capacity change.</p> <p>Behaviour Change - £10 Fabric Upgrades (Roof) - £1,335 LED Lighting - £971 Heating & DHW Install - £4,335 PV Install - £2,310 BMS/Controls Upgrade - £607 Vent Upgrade - £750</p>	Facilities Management, Regeneration & Sustainable Environment	£10,835 (££)	August 2024	1 tCO2e	The market Office has been transitioned into a warehouse for the markets and will no longer need certain interventions.
BE308	To deliver the decarbonisation of Castle House.	Castle House is owned by Staffordshire County Council however houses the corporate offices of NBC. The building	Facilities Management, Regeneration & Sustainable Environment	£57,017 (££)	August 2024	14 tCO2e	Upon discussing the subject of PV Solar on Castle House the County Council have already



		requires mostly behaviour change action however does need some LED install and PV. Behaviour Change - £1,465 LED Lighting - £5,952 PV Install - £49,600					undertaken consultation and the roof structure available for PV is not strong enough for additional solar installations, meaning PV install should be excluded from this action.
BE309	To deliver the decarbonisation of Keele Cemetery.	Behaviour Change - £172 LED Lighting - £13,720 PV Install - £33,400 BMS/Controls Upgrade - £20,580	Facilities Management, Regeneration & Sustainable Environment	£67,872 (££)	January 2026	9 tCO2e	Installing solar PV on south facing roof area (30/08/24). All upgrades have been completed, staff using the building must know be educated to use the controls efficiently (28/05/25).
BE3010	To facilitate a consultation on the decarbonisation	This will identify if this is achievable by 2050, the cost, and necessary	Facilities Management, Regeneration &	£££	December 2030	To be identified through consultation	

	of remaining Council owned sites in the borough.	interventions of decarbonising all Council owned sites such as leased and rented spaces.	Sustainable Environment				
Scope 2 Emissions							
BE3011	To power the energy demand of the Council's built environment on 100% clean/renewable electricity	To achieve this action the Council must ensure their supplier of electricity generates electricity solely from renewable energy.	Facilities Management & Sustainable Environment	££	August 2024	N/A	The Council's built environment is completely powered by clean electricity.
Scope 3 Emissions							
BE3012	To ensure all contractors and resources used in decarbonising the Council's built environment are net zero and ethical or have plans in place to be so by 2030.	All transmission and distribution the Council partakes in must be or planning to be ethical and sustainable to ensure the organisations scope 3 emissions from external activities become decarbonised.	Procurement, Facilities Management, Regeneration & Sustainable Environment	£££	April 2026	N/A	This action will directly relate to the introduction of a sustainable procurement plan. A sustainable procurement policy is being created with a 2026 deadline (28/05/25).
BE3013	To ensure the Council has divested from all fossil fuel	By investing and working with companies and investors that	Procurement, Finance & Sustainable Environment	£££	April 2025	To be identified through consultation	

	companies and investors.	support the fossil fuel industry the Council is supporting climate change.					
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To learn more about the energy savings and time it takes for these energy efficiency measure to pay themselves back for the consulted flagship sites please consult the table below created through the Site Heat Decarbonisation Roadmap:

Table 20.

Payback periods for each intervention (2030 payback)

Cost of Install			
Site	Cost of Install	Annual Energy Spend Saving (today's rates)	Payback (yrs.)
Behaviour Change	£5,455	£36,369	0.2
Fabric Upgrades	£3,099,491	£28,557	108.5
LED Install	£303,383	£31,085	9.8
PV Install	£191,310	£50,410	3.8
BMS Upgrade	£520,307	£38,005	13.7
Chiller Upgrade	£175,000	£6,754	25.9
Vent Upgrade	£34,000	£11,129	3.1

Simple Payback means the number of years after which an investment has paid for itself. Table 20 shows the payback periods for each intervention using today's rates, which have been predicted through a Simple Payback calculation. This is calculated by dividing the initial cost of the retrofit by the energy savings per year. Typically, interventions with the shortest paybacks are assumed to be the most cost effective. The current cost of intervention for Heating and DHW will cause an increase in energy costs rather than savings and hence has been excluded from the payback calculations. As highlighted above, focus should be initially targeted at interventions with the shortest payback period. The emergence of new systems and technologies could offer better alternatives for heating system replacements.



2030 Fleet Delivery Plan

To ensure the Council are able to decarbonise their own fleet, the Council will have set out a delivery plan for 2030 with actions assigned by a certain deadline, to different staff and services and finally with a summary of the action and it's cost. This will allow an accountable process for the decarbonisation of the Council's fleet. The full transition and timeline of actions is located in the Council's Fleet Replacement Matrix. See the relevant actions below for the Council to achieve a net zero fleet by 2030:

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Scope 1 Emissions							
F301	To assign £10.76M of Council capital to the decarbonisation of the Council's fleet.	The amount needed to decarbonise the fleet was generated by Everergi who reviewed these sites.	Finance & Sustainable Environment	£10.76M (££££)	February 2024	N/A	£10.76M of capital was adopted for decarbonisation in Fleet Transition Plan 2024
F302	To deliver the decarbonisation of all Council owned light vehicles and equipment through the fleet transition plan.	The light fleet of the Council include: - 41+ assets (vans, passenger vehicles, mowers, etc.) This will follow the fleet transition plan.	Facilities Management, Regeneration & Sustainable Environment	£2.2M (££££)	December 2030	92.63 tCO2e	Work to electrify and decarbonise the fleet has begun with 6 new operational electric vans replacing fossil fuelled vehicles and the trailing



							of electric bin lifts for collections vehicles.
F303	To deliver the decarbonisation of all Council owned heavy vehicles and equipment through the fleet transition plan.	<p>The heavy fleet of the Council includes:</p> <ul style="list-style-type: none"> - 47+ assets (Sweeper, MEWP, Freighters, Cage). <p>This will follow the fleet transition plan.</p>	Facilities Management, Regeneration & Sustainable Environment	£7.96M (££££)	December 2040	497.37 tCO2e	As a transitional fuel the Councils is using Hydrotreated Vegetable Oil (HVO) to reduce heavy fleet and machine emissions until vehicles are electrified, especially heavy commercial vehicles. This reduces tailpipe emissions by about 90%. This has decreased the Council's 2023/2024 Carbon Footprint by about 661.1 tonnes of CO2e from 2022/2023 levels (15/10/2024).
Scope 2 Emissions							

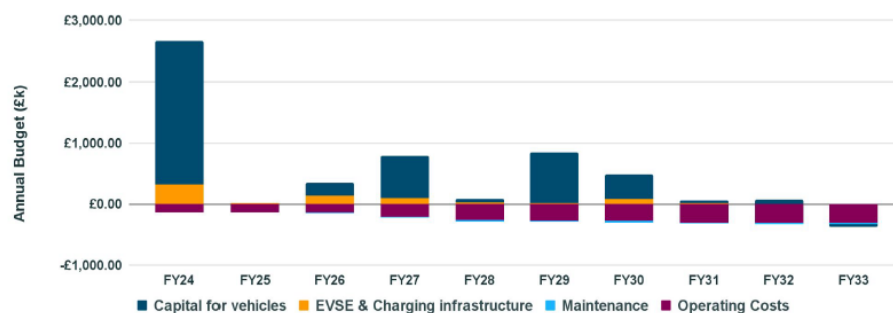
F304	To power the energy demand of the Council's fleet on 100% clean/renewable electricity	To achieve this action the Council must ensure their supplier of electricity generates electricity solely from renewable energy and must completely remove the use of fossil fuels.	Facilities Management & Sustainable Environment	££	August 2024	N/A	The Council's EV fleet is completely powered by clean electricity.
Scope 3 Emissions							
F305	To ensure all contractors and resources used in decarbonising the Council's fleet are net zero and ethical or have plans in place to be so by 2030.	All transmission and distribution the Council partakes in must be or planning to be ethical and sustainable to ensure the organisations scope 3 emissions from external activities become decarbonised.	Procurement, Facilities Management, Regeneration & Sustainable Environment	£££	April 2026	N/A	<p>This action will directly relate to the introduction of a sustainable procurement plan.</p> <p>A sustainable procurement policy is being created with a 2026 deadline (28/05/25).</p>

For the specific actions for transitioning vehicles in the Council's fleet please consult the timeline of actions from Everergi which are located below. These actions are also in the Council's Fleet Replacement Matrix:

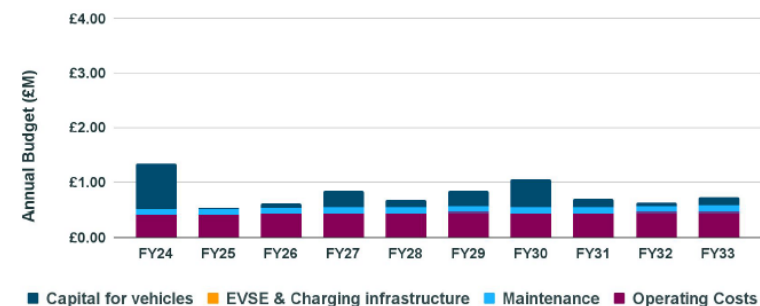
Scenario Analysis - Leadership transition FY 24 to FY33

The leadership scenario requires £2.86M extra over the period to FY33. Higher upfront vehicle purchases and the need to deploy infrastructure are only partially offset by operating and maintenance savings during the period to FY33.

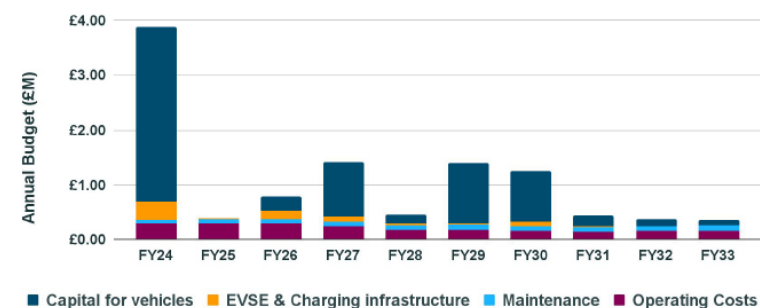
YEAR ON YEAR COST DIFFERENCE COMPARED TO BAU



BUSINESS AS USUAL



LEADERSHIP TRANSITION



Overall financial summary NPV 2023 to 2032

Capital costs	BAU (£M)	Leadership transition (£M)	Difference
Vehicle operating costs	£4.41	£2.08	£2.34 M savings
Vehicle maintenance	£1.00	£0.84	£0.15 M savings
Vehicle capital expenses	£2.49	£7.11	£4.62 M additional
EVSE & charging capital expenses	£0	£0.73	£0.73 M additional
Total	~£7.90	~£10.76	~£2.86 M additional

Commercial in Confidence



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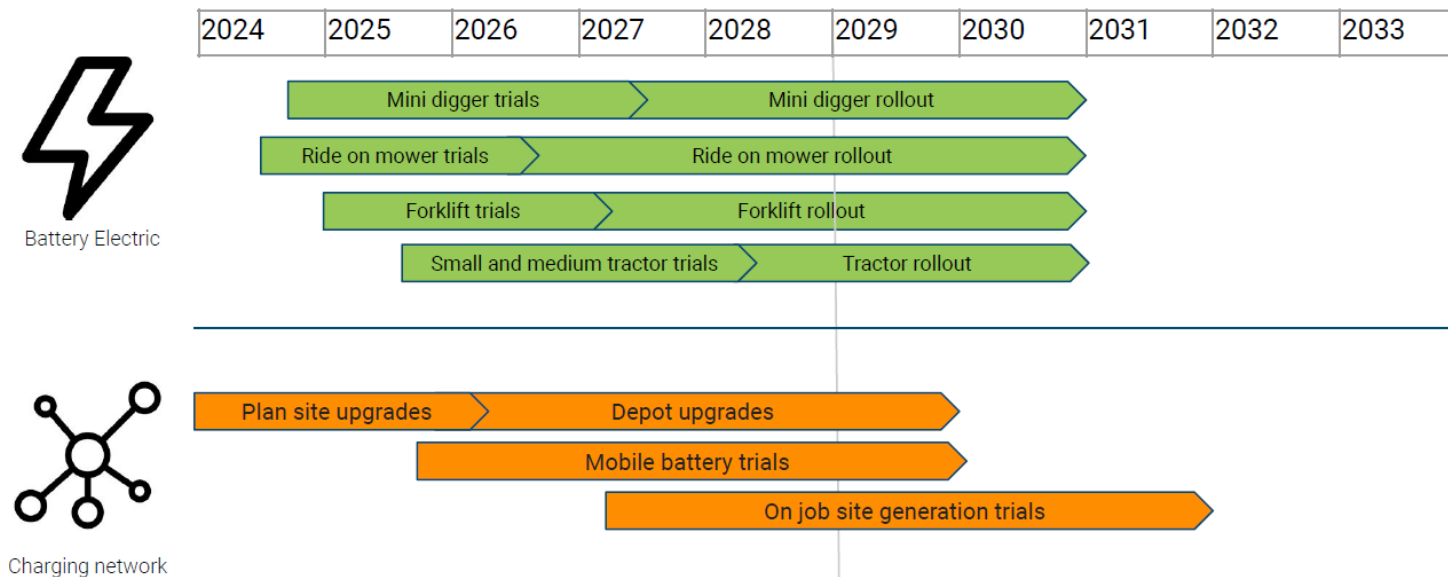


NEWCASTLE UNDER LYME
BOROUGH COUNCIL

Next steps to transition plant and equipment

A staged approach to the transition is recommended for NULBC focusing current fit-for-purpose market availability and total cost of ownership suitability. Periodic reevaluation will be required to update the plan.

The NULBC plant equipment fleet of 21 vehicles currently show low utilisation which typically does not show an optimal transition scenario from a total cost of ownership perspective. Below is an indicative suggested timeline for replacing NULBC plant equipment vehicles, starting with Ride on Mowers.



Commercial in Confidence

2050 Built Environment & Energy Delivery Plan

To ensure the energy efficiency and emissions reduction of the entire borough, the Council plan to create a net zero borough by 2050. This includes our built environment and energy which will need to have extensive decarbonisation efforts to be completed. Below are some of the actions the Council and borough need to take today to begin our journey towards a net zero built environment and energy system by 2050.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Scope 1 Emissions							
BE501	To develop and achieve a net zero built environment and energy system in Newcastle-under-Lyme borough by 2050.	This includes the borough's agriculture, housing, industry, commercial, energy, waste and infrastructure sectors.	Sustainable Environment, Regeneration & Planning	To be identified through consultation	To be identified through consultation	To be identified through consultation	
BE502	Assign appropriate capital and external funding for remaining Council owned sites and emissions.	Upon consultation the Council will be able to identify the entire cost of decarbonising all Council owned site assets.	Finance & Sustainable Environment	£££££	January 2026	N/A	
BE503	Decarbonise remaining	This includes all offices, owned	Facilities Management,	£££££	December 2030	N/A	The Philip Astley Centre

	Council owned sites in the borough according to the flagship sites	buildings, business rented spaces however not leased spaces, and these are the responsibility of the organisation residing.	Regeneration & Sustainable Environment				has been decarbonised. 11 shop fronts have had doubles glazed shop fronts installed (29/05/25).
BE504	To develop a consultation on the borough's housing stock to develop actions for 2050.	This consultation on the borough's housing stock will help identify actions for a net zero housing sector through identifying its carbon footprint, what actions need priority and what interventions need to be implemented.	Sustainable Environment, Regeneration & Planning	To be identified through consultation	To be identified through consultation	To be identified through consultation	
BE505	To partner with Aspire Housing to decarbonise all social housing in the borough.	To partner and support Aspire Housing in decarbonising their social housing stock to ensure social housing is net zero and more	Sustainable Environment, Regeneration & Planning	To be identified through consultation	To be identified through consultation	To be identified through consultation	36 social housing developments have been decarbonised to date.

		affordable for residents.					
BE506	To partner with Staffordshire Business & Environment Network (SBEN) to begin decarbonisation schemes for local businesses and industry.	To partner and support SBEN in a scheme to help decarbonise businesses and industry through funding and advice.	Sustainable Environment, Regeneration & Planning	To be identified through consultation	To be identified through consultation	To be identified through consultation	
BE507	To develop a consultation on the borough's industrial & commercial stock to develop actions for 2050.	This consultation on the borough's business and industry stock will help identify actions for a net zero economic sector through identifying its carbon footprint, what actions need priority and what interventions need to be implemented.	Sustainable Environment, Regeneration & Planning	To be identified through consultation	To be identified through consultation	To be identified through consultation	<p>The Environmental Health and Licensing Teams will share sustainable information with businesses on their routine checks (23/09/2024).</p> <p>The Council has developed a Business Sustainability Guide for local businesses to use to help</p>



							their sustainable journeys (28/05/25).
BE508	To create and implement a waste reduction strategy.	By implementing a comprehensive waste reductions strategy the Council will be able to reduce waste and increase recycling, with the end goal to develop a circular economy in Newcastle-under-Lyme borough.	Sustainable Environment & Collections	To be identified through consultation	To be identified through consultation	To be identified through consultation	This is being created with the Staffordshire Waste Partnership (28/05/25).
BE509	To identify and implement areas for renewable energy generation.	By developing more sites of renewable energy generation in the borough the borough will not need to source it from elsewhere.	Sustainable Environment, Regeneration & Leadership	To be identified through consultation	To be identified through consultation	To be identified through consultation	
BE5010	To develop the Keele Sustainable Solar Energy Park	To develop a solar energy generation park on a site allocated next to Keele Cemetery and operate it until	Sustainable Environment, Planning & Leadership	To be identified through consultation	2030	To be identified through consultation	Resolved to produce a detailed feasibility study and business

		the area is needed for burials.					case for the site. Resolved to submit a planning application and further report progress.
BE5011	To partner with and help advise Capital & Centric in developing more sustainable and net zero sites at the Midway, Ryecroft and York Place.	Capital & Centric are redeveloping multiple sites and we need to make sure they are as sustainable as possible.	Sustainable Environment & Regeneration	To be identified through consultation	To be identified through consultation	To be identified through consultation	A meeting between the Council and C&C will be held soon. A meeting was held and NuLBC advised with C&C about the sustainability of their new developments (28/05/25).
Scope 2 Emissions							
BE5012	To power the energy demand of the borough's built environment on 100% clean/renewable energy/electricity.	To achieve this action the Council must ensure their supplier and any suppliers of the built environment in the borough	Facilities Management & Sustainable Environment	To be identified through consultation	2050	To be identified through consultation	



		generates electricity solely from renewable energy and must completely remove the use of fossil fuels.					
Scope 3 Emissions							
BE5013	To ensure all contractors and resources used in decarbonising the borough's built environment are net zero and ethical or have plans in place to be so by 2050.	<p>All transmission and distribution the borough partakes in must be or planning to be ethical and sustainable to ensure that scope 3 emissions from external activities become decarbonised.</p> <p>This includes the transmission and distribution of products for the built environment and energy.</p>	Procurement, Facilities Management, Regeneration & Sustainable Environment	To be identified through consultation	April 2026	To be identified through consultation	<p>This action will directly relate to the introduction of a sustainable procurement plan.</p> <p>A sustainable procurement policy is being created with a 2026 deadline (28/05/25)</p>

2050 Travel & Transport Delivery Plan

To ensure the energy efficiency and emissions reduction of the entire borough the Council plan to create a net zero borough by 2050. This includes our travel and transport systems which will have to have extensive decarbonisation efforts to be completed. Below are some of the actions the Council and borough need to take to begin our journey towards a net zero travel and transport system by 2050.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Scope 1 Emissions							
TT501	To decarbonise all in-boundary travel and transportation.	This includes the decarbonisation of all public transport, personal transport, business transport and privately owned equipment/assets such as mowers when they are end-of-life. Decarbonisation of transport and travel may involve transitioning to electrification, hydrogen and other	Sustainable Environment & Regeneration	To be identified through consultation	To be identified through consultation	To be identified through consultation	<p>The Environmental Health and Licensing Teams will share sustainable information with businesses on their routine checks (23/09/2024).</p> <p>The Council has developed a Business Sustainability Guide for local</p>

		renewable energies.					businesses and guides for residents to use to help their sustainable journeys (28/05/25).
TT502	To develop a consultation on the borough's transportation stock to develop actions for 2050.	This consultation on the borough's transportation stock will help identify actions for a net zero transport sector through identifying its carbon footprint, what actions need priority and what interventions need to be implemented.	Sustainable Environment & Regeneration	To be identified through consultation	To be identified through consultation	To be identified through consultation	
TT503	To develop a consultation on the borough's active travel infrastructure to develop actions for 2050.	This consultation on the borough's active travel infrastructure will help identify actions for a net zero transportation sector through identifying its carbon footprint, what actions need priority and what	Sustainable Environment & Regeneration	To be identified through consultation	To be identified through consultation	To be identified through consultation	

		interventions need to be implemented.					
TT504	Decarbonise all taxi vehicles in the borough according to the Staffordshire County Taxi Decarbonisation Strategy.	Staffordshire County Council are leading an effort and strategy to decarbonise the taxi sector in Staffordshire. The Council will adhere to the aims and objectives of this strategy and work towards full decarbonisation of our taxis.	Licensing & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	The Council is currently working with the County Council to develop the Taxi Decarbonisation Strategy. This is currently out to consultation (28/05/25).
TT505	To develop the borough's active travel routes so all residents have access to be able to actively travel.	This action ensures that all residents in the borough are able to actively travel from their homes, businesses and other areas of the borough to reduce the use of vehicle travel and therefore reduce emissions.	Sustainable Environment & Regeneration	To be identified through consultation	To be identified through consultation	To be identified through consultation	Through the UK Shared Prosperity Fund the Council have developed areas of the borough to be more accessible for those actively travelling.
Scope 2 Emissions							
TT506	To power the energy demand of the borough's	To achieve this action the Council must ensure their	Facilities Management	To be identified	To be identified	To be identified	



	travel and transport systems on 100% clean/renewable electricity.	supplier and any suppliers of the built environment in the borough generates electricity solely from renewable energy and must completely remove the use of fossil fuels.	& Sustainable Environment	through consultation	through consultation	through consultation	
Scope 3 Emissions							
TT507	To ensure all contractors and resources used in decarbonising the borough's transportation are net zero and ethical or have plans in place to be so by 2050.	<p>All transmission and distribution the borough partakes in must be or planning to be ethical and sustainable to ensure that scope 3 emissions from external activities become decarbonised.</p> <p>This includes the transmission and distribution of products for the transport and travel sector.</p>	Procurement, Facilities Management, Regeneration & Sustainable Environment	To be identified through consultation	April 2026	To be identified through consultation	<p>This action will directly relate to the introduction of a sustainable procurement plan.</p> <p>A sustainable procurement policy is being created with a 2026 deadline (28/05/25).</p>
TT508	To partner with the County Council to	Transportation that travels into and out of the borough that	Sustainable Environment	To be identified	To be identified	To be identified	

	ensure that all out-of-boundary transportation into the borough is decarbonised or working towards decarbonisation.	has not originated from the borough is considered out-of-boundary and contributes to our overall emissions as they produce greenhouse gases in the borough. To ensure these do not increase our overall footprint all transport coming into the borough must be decarbonised or working towards decarbonisation. This includes out-of-bounds shipping, aviation, public transport and private vehicles.		through consultation	through consultation	through consultation	
TT509	To develop a consultation on the borough's out-of-boundary transportation stock to develop actions for 2050.	This consultation on the borough's out-of-boundary travel and transportation stock will help identify actions for a net zero transport sector through identifying its	Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	

		carbon footprint, what actions need priority and what interventions need to be implemented.					
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Natural Environment & Sequestration Delivery Plan

To ensure the borough is resilient against climate, storing carbon, beautiful and biodiverse we must focus on the promotion of the natural environment. Our natural environment keeps the borough healthy and stable. Without it, pollution would be worse, food systems would be unable to produce and we wouldn't be able to enjoy great natural spaces that support our wellbeing. This delivery plan focuses on the natural environment and sequestering carbon to help create a net zero borough by 2050 and keep our borough safe and healthy.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
NS1	To develop Newcastle-under-Lyme Borough into a natural rich area that is biodiverse and resilient.	By creating a biodiverse and resilient borough there are a relative amount of social, economic and environmental positive impacts that are seen.	Streetscene, Planning, Landscaping & Sustainable Environment	To be identified through consultation	2050	To be identified through consultation	

NS2	To develop and adopt a long-term forestry and tree management plan for Council owned resources.	This strategy would aim to develop more woodlands in the borough and ensure their quality support and survival.	Streetscene, Planning, Landscaping & Sustainable Environment	To be identified through consultation	2026	To be identified through consultation	A tree risk management plan and biodiversity plan has been adopted which will need to be embedded in a long-term plan.
NS3	To decarbonise the borough's land use operations.	The land use operations in the borough contribute significantly to our emissions - through the release of carbon from the soil and natural resources when constructed on - and should be decarbonised to reduce emissions and protect biodiversity by 2050.	Streetscene, Planning, Landscaping & Sustainable Environment	To be identified through consultation	2050	To be identified through consultation	
NS4	To develop a consultation on the borough's land use to develop	Upon consultation the Council can then decide what actions best decarbonise our	Streetscene, Planning, Landscaping & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	

	actions for 2050.	current land use operations.					
NS5	To partner with the County-wide Local Nature Recovery Strategy and deliver their objectives.	By adhering to the County's LNRS actions and strategy the Council can embed those actions in this plan and enact them.	Streetscene, Planning, Landscaping & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	The Council is awaiting an update from the Staffordshire LNRS group regarding their strategy and related actions.
NS6	To work with the County Council, District Councils and the Midlands Net Zero Hub (MNZH) to commission the creation of a carbon sequestration and storage tool for natural resources.	This tool, once developed by a consultant would be used to generate the amount of carbon different natural resources sequester and store.	Sustainable Environment	To be identified through consultation	2026	To be identified through consultation	Consultants are currently being chosen for the development of this action. The Council have decided to not pursue this project due to the cost and interest from other local authorities (28/05/25).
NS7	To partner with Staffordshire Wildlife Trust and other natural	This action is to ensure all action relating to the natural environment is	Planning	To be identified through consultation	2024 - ongoing	To be identified through consultation	

	environment experts in Staffordshire to deliver this plan.	well informed and is backed by local experts.					
NS8	To partner with the County Council to ensure out-of-boundary waste and wastewater is contained to outside the borough or treated upon entry.	Out-of-boundary waste such as fly-tipping from other districts or waste water from sewage or industry can negatively impact the natural environment significantly.	Procurement & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	
NS9	To adopt and deliver a Grassland Management Strategy	This action will promote the development of more long meadows in green spaces in the borough to increase biodiversity and sequestration.	Sustainable Environment & Streetscene	No associated cost The Council aims to reinvest savings from reduced mowing into high priority land management jobs.	April 2024	Sequestration of developed grasslands will be mapped once a tool is available and consulted on.	A Grassland Management Strategy has been adopted by Cabinet April 2024. The Strategy will be implemented through 3 phases detailed here Agenda for Cabinet on Tuesday, 23rd April, 2024, 2.00 pm –



							Newcastle-under-Lyme Borough Council (newcastle-staffs.gov.uk). Phase 1 has been delivered, phase 2 and 3 will be delivered subsequently. Phase 2 discovered positives in engagement, resource efficiency, biodiversity and sequestration. Phase 3 has been approved (28/05/25).
NS10	To partner with Transforming the Trent Valley in restoring Lyme and Park Brook.	Transforming the Trent Valley is a project facilitated by Staffordshire Wildlife Trust to restore and protect the Trent	Sustainable Environment, Regeneration, Streetscene, & Landscape	To be identified through consultation	December 2030	No associated carbon savings	Currently crating a Cabinet Report to begin delivering this action and sign Terms of

		valleys watershed.					Reference (30/08/24).
NS11	To continue the regeneration of the borough's tree stock through the Borough Tree Planting Strategy.	By planting more trees in the borough and increasing the stock the Council can create a more resilient, biodiverse and healthy borough.	Landscape & Community Team	£161,382.72 spent to date	July 2021 - Ongoing	To be identified through consultation	The 6 th Phase of the Urban Tree Planting Strategy has just been developed and delivered. Over 20,000 trees have been planted since July 2021 (29/05/25).
NS12	To ensure 30% of borough land is managed for nature by 2030.	This is alongside the government's goal for delivering 30by30 . This will include a mapping of the borough and potential collaboration with local organisations.	Landscape, Planning, Property and Sustainable Environment	All natural environment associated costs.	December 2030	To be identified through consultation	

Engagement & Behaviour Change Delivery Plan

To ensure all actions are well informed and to ensure we involved yourselves, one of our biggest priorities is engagement and behaviour change. This ensures that all actions taken throughout the timeline of this plan are well informed by expert organisations and the public so they reflect best practice and what you want. As a Council we will also aim to raise awareness around these issues and engage members of the public in different campaigns, projects and initiatives to create sustainable behaviour change and implement sustainable solutions in our borough's homes, businesses and environment by 2050.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
EB1	To create and publish social media networks for the environment and sustainability for the Council.	By creating social media for the Council focused on sustainability, the Council can communicate better with the public and raise awareness.	Sustainable Environment & Media	No Associated Cost	June 2024	To be identified through consultation	Social media networks are created and are just waiting to be published with the SESDP. A New Facebook has been created for environment & sustainability (30/08/24).
EB2	To create and publish a new webpage for the environment and	By creating new webpages for the Council focused on sustainability, the Council can communicate better	Sustainable Environment & Digital	No Associated Cost	June 2024	To be identified through consultation	Webpages are created and are just waiting to be published with the SESDP.

	sustainability for the Council.	with the public and raise awareness.					The new sustainability webpages have been published (30/08/24).
EB3	To consult the public and relevant Council staff with all upcoming strategies and plans.	By consulting the public on upcoming strategies and plans going through member approval through online and in person venues those documents can be well informed and cater to the public.	Sustainable Environment	To be identified through consultation	June 2024 - Ongoing	To be identified through consultation	<p>Work with staff has begun with the implementation of monthly Sustainable Environment Working Groups for each service.</p> <p>The public will be given a bi-annual opportunity in Peoples' Assemblies to feedback on the Strategy and Plan (EB5).</p>
EB4	To campaign online and in person on various subjects in the SESDP to raise awareness and	This includes events such as litter picks or campaigns that occur in town to inform the public about new funding available for them or how to reduce	Sustainable Environment	To be identified through consultation	June 2024 - Ongoing	To be identified through consultation	Spend Less, Save More was a campaign run to raise awareness about energy efficiency and saving money



	facilitate action with local communities.	energy bills by becoming more energy efficient.					on bills that engaged more than 100 residents and gave away free guidance and LEDs.
EB5	Create a bi-annual people's sustainability assembly for public consultation of the SESDP.	The bi-annual people's sustainability assembly for Newcastle-under-Lyme will occur in accessible locations and will be free to join by all residents. It will act to receive feedback from residents from the last half-year and will aid in developing the SESDP to benefit all. A report will always be published from this meeting and the recommendations for the SESDP summarised.	Sustainable Environment	£0	September 2024 - Ongoing	To be identified through consultation	SE are currently working to launch this programme in September 2024 (02/08/24).
EB6	Consult local businesses on actions for the	To consult local businesses how the Council can better	Sustainable Environment	To be identified	2025	To be identified	At the Connects Meeting on the 10 th of June



	commercial sector to become net zero and promote the natural environment.	serve them through sustainable initiatives to help achieve a net zero and naturally diverse borough by 2050.		through consultation		through consultation	<p>2024 attending local businesses will be asked what the Council can help develop for our shared 2050 goals.</p> <p>The Council has developed a Business Sustainability Guide for local businesses to use to help their sustainable journeys (28/05/25).</p>
EB7	Consult local residents and housing associations on actions for the residential sector to become net zero and promote the natural environment.	To consult local residents and housing associations on how the Council can better serve them through sustainable initiatives to help achieve a net zero and naturally diverse borough by 2050.	Sustainable Environment	To be identified through consultation	2025	To be identified through consultation	



EB8	To help support the creation of a UK Business Climate Hub in the County, through partnering with Staffordshire County, Chambers and district Councils to support businesses with becoming net zero.	UK Finance has published a report covering the challenges smaller businesses are facing in the transition to a net zero economy. Small and medium-sized businesses are responsible for around half of UK greenhouse gas emissions. The report includes recommendations to overcome the challenges, such as relaunching the UK Business Climate Hub and issuing businesses with Help to Green vouchers.	Regeneration, Economic & Development, & Sustainable Environment	To be identified through consultation	2030	To be identified through consultation	
EB9	To facilitate an EV and Net Zero Workshop Event for residents and businesses to support their fleet and site	This includes working with key stakeholders and organisations, the County and District Councils, and EV Companies all together at one	Staffordshire Chambers of Commerce, Staffordshire County & District authorities, &	To be identified through consultation	2026	To be identified through consultation	Attended a similar event in Cheshire West/Chester Authority to mirror in Newcastle/Staffordshire

	net zero transition.	event for the benefit of residents and businesses.	Sustainable Environment				
EB10	To engage with borough education settings to embed sustainability and create climate action plans.	This will be done in collaboration with the DfE funded Climate Ambassadors Programme to support the over 50 schools in the borough to embed sustainability and take action.	Sustainable Environment	No associated cost	December 2025	To be identified through consultation	<p>Currently working with the Climate Ambassadors West Midlands Hub to create education setting resources to deliver sustainable action (30/08/24).</p> <p>The service is currently working with over 10 borough schools on climate action plans (29/05/25).</p>

Service Delivery Plan

Rather than being separated by scopes, each service delivery plan will be divided by the teams that are present within different services to show clear ownership of different actions. Each different service has their own focused actions which may or may not directly link in with the 6 main delivery plans.

Grey = for service level delivery, see main delivery plan

Commercial Delivery Service Delivery Plan							
Commercial Services seeks to deliver services where there is a commercial aspect and deliver improvements through major regeneration schemes. The service includes the regeneration, property services including commercial lease and community uses, Bereavement services which is Bradwell Crematorium and cemeteries, plus J2 leisure services.							
Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Regeneration & Facilities Management							
CDRF1	To deliver the relevant built environment and energy 2030 Net Zero Delivery Plan actions for flagship buildings.	Details are located in the 2030 Built Environment & Energy Delivery Plan.	Regeneration & Facilities Management				Kidsgrove Town Hall has been fully decarbonised except for external LED lighting (30/08/24).

							<p>Kidsgrove Town Hall, Bradwell Crem/Chapel and other sites have had PV installations (29/05/2025).</p> <p>Successful J2 PSDS application to deliver ASHPs and Solar thermal (29/05/25).</p>
CDRF2	To facilitate the creation of an energy manager post.	This role would focus on the energy generation and management of the Council's estate and borough. For the time being this role will sit with Regeneration and FM.	Regeneration, Facilities Management & Sustainable Environment	££	2030	To be identified through consultation	<p>The team are looking into procuring a diagnostics service to undertake smart energy reporting and management (16/09/2024).</p> <p>A new facilities manager has been employed who</p>

							oversees the energy use of buildings (29/05/25).
CDRF3	To ensure all new developments aim to be net Zero or as Net Zero as possible through energy efficient interventions.	This ensures everything that is developed immediately contributes to the Council's net zero goals and includes interventions such as LED's, solar generation and ASHT's.	Regeneration, Facilities Management & Sustainable Environment	To be identified through consultation	July 2024 - Ongoing	To be identified through consultation	Many of the current Regeneration projects are built as net zero as possible.
Property							
CDP1	To deliver the relevant built environment and energy 2030 and 2050 Net Zero Delivery Plan for Council property buildings.	Details are located in the 2030 and 2050 Built Environment & Energy Delivery Plan.	Regeneration, Facilities Management & Property				
Leisure & Bereavement							

CDLB1	To deliver a staff and customer behaviour change study with Keele University.	This will allow for the Council to know more about how to inform staff about sustainable initiatives and changing their behaviours.	Leisure & Bereavement	No Associated Cost	August 2025	To be identified through consultation	Currently underway with Keele to facilitate interviews for staff. This project has now been fully done internally, staff focus groups are underway (29.05/25).
CDLB2	To support with the 2030 Net Zero Delivery Plan for Bradwell Crematorium and Jubilee 2 Leisure Centre.	Details are located in the 2030 Built Environment & Energy Delivery Plan.					See action CDRF1, BE304 and BE305 for updates.
CDLB3	To implement a Deep Green database heat generation system in Jubilee 2's Pool Facilities.	This will allow for the pool facilities at J2 to be powered by a renewable source instead of fossil fuel. Deep Green will cover all implementation, feasibility study and energy costs, if our	Leisure	No Associated Cost £80k in annual savings	2026	125 tCO2e in annual carbon savings	Currently submitting application Host a Deep Green Data Centre: Empower Your



		application is successful.					Community with Free Heat This action has been deemed unsuitable due to space barriers (29/05/25).
CDLB4	To support with the 2050 Natural Environment & Sequestration Delivery Plan through biodiverse developments at Bradwell Crematorium, Cemeteries & Closed Churchyards.	Details are located in the 2050 Natural Environment & Sequestration Delivery Plan.					See action SES7.
Museum							
CDM1	To support with the 2030 Net Zero Delivery Plan for Brampton	Details are located in the 2030 Built Environment & Energy Delivery Plan.					

	Museum and Art Gallery.						
CDM2	To introduce a sustainability related activity annually at the Museum.	This will help introduce sustainability to visitors and residents to support sustainable behaviour change and awareness.	Museum	To be identified through consultation	To be identified through consultation	To be identified through consultation	A wildlife walk has been created at the Brampton for visitors (29.05.25).
CDM3	To install active travel infrastructure such as a bike rack.	This will encourage more visitor and staff to actively travel to the Brampton.	Museum	To be identified through consultation	To be identified through consultation	To be identified through consultation	Funding application has been submitted (30/08/2024).
CDM4	To facilitate the continued perseverance of the Brampton's Pond.	This area is important for its biodiversity, community outreach potential and due to its protection of the Great crested Newt Species.	Museum, Community & Streetscene	To be identified through consultation	June 20204 - Ongoing	To be identified through consultation	A new volunteer group and lead has been created to restore the pond and take care of it (29/05/25).
CDM5	To apply for external grants to achieve the above actions.	This area is important as these areas aren't necessarily the function of the museum but are just as important.	Museum	No associated cost	July 2024 - Ongoing	No associated carbon savings	Currently awaiting response from the National lottery for £98,000 for upgraded lighting, taps, insulation and sustainable



							<p>travel infrastructure.</p> <p>This funding has been secured and will be delivered shortly (29/05/2025).</p>
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Regulatory Service Delivery Plan							
Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Housing							
RGH1	To support the delivery of the decarbonisation of the borough's and Aspire's housing stock in the 2050 Net Zero Delivery Plan.	Details are located in the 2050 Built Environment & Energy Delivery Plan, action BE509.	Housing & Sustainable Environment				Aspire looking to fund decarbonisation work with PSDS (21/10/24).

RGH2	To support the creation of digital powerplants on the boroughs housing stock.	Details are located in the 2050 Built Environment & Energy Delivery Plan on energy generation action BE509.	Housing & Sustainable Environment				
RGH3	To ensure that any salvageable items from vulnerable house visits are collected and donated to the team's charity of choice.	The team support vulnerable residents who may be in situations such as hoarding where some items must leave the household but can be donated to ensure it is reused.	Housing	To be identified through consultation	October 2024 - Ongoing	To be identified through consultation	This action is currently ongoing, and the team aim to save as many items as possible from vulnerable households (21/210/24).
RGH4	To develop and maintain the Thistleberry Allotment Site in Clayton with vulnerable residents of the borough as volunteers.	Not only does this help the environment through a more managed natural site but the volunteering opportunity promotes good health and wellbeing to vulnerable residents who may volunteer.	Housing	To be identified through consultation	To be identified through consultation	To be identified through consultation	
RGH5	To investigate into the sustainability of DFG's and other housing	These schemes help vulnerable residents with their accessibility needs, However how do we make these schemes more	Housing & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	

	accessibility schemes.	sustainable? Read more about this subject here .					
Environmental Health							
RGEH1	To create, adopt and deliver the Air Quality Action Plan	This will allow the Council to plan and act on areas of high pollution. This includes monitoring air pollution. Human health and biodiversity are measured by impact from air pollution in this strategy.	Environmental Health & Sustainable Environment	To be identified through consultation	December 2024 – December 2029	To be identified through consultation	Draft produced, consultation in development (18.11.24).
RGEH2	To engage businesses in the borough in sustainable action during routine visits.	The team support and regulate local businesses for pollution. These visits can be used to also share information regarding business sustainability. This relates to action BE507 & TT501.	Environmental Health & Sustainable Environment	To be identified through consultation	September 2024 - Ongoing	To be identified through consultation	Visits are regular every year. A webpage will be created for businesses to engage with (23/09/24). The Council has developed a Business Sustainability Guide for local businesses to use to help their

							sustainable journeys (28/05/25).
Licensing							
RGL1	To undertake the taxi Decarbonisation action in the 2050 Built Environment and Energy Delivery Plan.	This follows the County's strategy and will be implemented into this strategy and delivery plan. This relates to action TT504.	Licensing & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	<p>Awaiting strategic oversight from the County Council.</p> <p>To be discussed in October Cabinet (23/09/2024).</p> <p>Approved, consulted and going for final approval by members soon (29/05/25).</p>
RGL2	To engage businesses in the borough in sustainable action during routine visits.	The team support and regulate local businesses for licenses. These visits can be used to also share information regarding business sustainability. This relates to action BE507 & TT501.	Licensing and Sustainable Environment	To be identified through consultation	July 2025 - Ongoing	To be identified through consultation	Visits are regular every year. A webpage will be created for businesses to engage with (23/09/24).

							The Council has developed a Business Sustainability Guide for local businesses to use to help their sustainable journeys (28/05/25).
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Neighbourhood Delivery Service Delivery Plan

Neighbourhood Delivery aims to listen to our local residents and communities via our Customer Hub by being responsive to their needs and to work with them to deliver first class services. To build vibrant town centres where everyone can live, work and spend their leisure time. To work with partners to ensure everyone enjoys a safe, clean environment and to build community capability to deliver local services and solutions.

Neighbourhood Delivery delivers several programmes of work:

- a customer hub which enables citizens to complete transactions at first point of contact
- a programme of town centre events and promotion
- community advice and support
- interventions to tackle community safety and environmental crime issues

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date		Progress
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						Carbon Saved (tCO2e)	
ND1	To create a paperless service through digital mobile working.	Currently the service is responsible for a large amount of paper usage especially with enforcement, by reducing paper consumption and going digital the service can reduce emissions and it's impact on deforestation.	Neighbourhood Delivery, It & Digital, and Sustainable Environment	To be identified through consultation	2026	To be identified through consultation	The MMF Team are in consultation with DEFRA to provide a paperless animal enforcement service (25/07/24).
Customer Hub							
NDCH1	To raise awareness of sustainable initiatives to customers.	By being trained on the SESDP and knowing about different initiatives when engaging with customers, staff can make them aware about different opportunities.	Customer Hub & Sustainable Environment	To be identified through consultation	2025	To be identified through consultation	



NDCH2	To drive forward a paperless letter service.	Around 64,000 letters are sent out every year and will emit around 1,728kgCO2e from just the transportation and distribution of this mail (Production of letters not included) and could save around £51,302.59 per financial year by going digital. The greenhouse gas emissions released by the Councils mail in 2024 is equivalent to driving an average small car for around 7,707 miles.	Customer Hub, Digital & IT, Sustainable Environment	To be identified through consultation	2024 - Ongoing	To be identified through consultation	Legislation currently constrains the service becoming completely paperless, the Council will endeavour to reduce their letter use as much as possible.
NDCH3	To increase travel efficiency for house visits	The Customer Hub Team have increased travel efficiency	Customer Hub and MMFT	To be identified through consultation	June 2024	To be identified through consultation	This has been achieved.



	by working with the MMFT	through a partnership with the MMFT which has reduced emissions from house visits.					
Landscape & Community							
NDLC1	Conduct monthly sustainability community outreach events.	Ensuring that our teams are out engaging the public in sustainability through events, activities and more!	Community & Sustainable Environment	To be identified through consultation	2024 - Ongoing	To be identified through consultation	<p>Currently the Community Team lead weekly events with schools and organisations such as litter picks and gardening sessions.</p> <p>Currently the Sustainable Environment Team lead school visits and awareness stalls about sustainability and waste.</p>
NDLC2	To increase the amount and diversity of tree	By using expertise from internal staff and	Landscaping & Sustainable Environment	To be identified	To be identified	To be identified	The Council grows a variety of

	planting in the borough.	external organisations the Council can plant more diverse tree species which can help local biodiversity and increase growth and carbon capture.		through consultation	through consultation	through consultation	different tree species and have started to diversify singular site plantations. The Borough Tree Planting Strategy Phase 6 is out for consultation (30/08/2024). The strategy was delivered with now over 20,000 trees planted since 2021 (29/05/25).
NDLC3	To support the partnership with the County-wide Local Nature Recovery Strategy and deliver their objectives.	More details are located in the Natural Environment & Sequestration Delivery Plan (Action Code NS5).	Landscaping & Sustainable Environment				

Mobile Multi-Functional Team (MMFT)							
NDMMF1	Conduct environmental law outreach campaigns to raise local awareness.	By facilitating more outreach through events and communications with the public one environmental law we can raise awareness on how people can promote the environment instead do harm which can also reduce enforcement of these laws.	MMFT	To be identified through consultation	To be identified through consultation	To be identified through consultation	Currently engaging residents through social media (NBC Green Team).
NDMMF2	To support the delivery of the decarbonisation of the Council's fleet by 2030 by decarbonising the vehicles used by MMFT.	Of the entire fleet MMFT use 6 vans to undertake their operations. More detail is located in the 2030 fleet decarbonisation delivery plan.	MMFT & Sustainable Environment				The MMFT have had 5 out of 6 vehicles in their fleet electrified. The 6th vehicle is a diesel van used for the dog warden which the

							team is working to transition.
Town Centres & Markets							
NDTCM1	To deliver a program of sustainable markets including vegan and makers/artisan markets.	By delivering more sustainable markets the Council can encourage local and sustainable commerce with local businesses and residents, reducing our borough carbon footprint.	Town Centres & Markets	To be identified through consultation	2024 - Ongoing	To be identified through consultation	The team is currently delivering this action.
NDTCM2	To embed sustainability in all current and future events programmes through the creation of a Sustainability Events Checklist.	This includes all markets, festivals and broader events the team are responsible for to ensure they have sustainability embedded in how they run and what they offer.	Town Centres & Markets, & Sustainable Environment	No associated cost	December 2024	To be identified through consultation	The team are currently designing a checklist for the Council and externals to use (25/07/24). A sustainable events guide has been sent to all partner event

							organisations including the BID and market stalls. It is available online here - Event organisers' toolkit – Newcastle-under-Lyme Borough Council (29/05/25).
NDTCM3	To digitise the markets and events booking system.	By digitising the markets and events booking system this would relive the use of paper and travel for the current system.	Tow Centres & Markets	To be identified through consultation	July 2025	To be identified through consultation	The team are currently working towards this goal however have hit barriers in software needed (25/07/24).

Sustainable Environment Service Delivery Plan

Sustainable Environment Service is responsible for the recycling and waste, Streetscene and sustainability services the Council offers to local residents of the borough based at Knutton Lane Depot. This service is also responsible for most of the Council's fleet due to the operations of the service.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Recycling & Waste (Collections)							
SERW1	To support the delivery of fleet decarbonisation by 2030 for Collections assets and equipment.	More detail is located in the 2030 Fleet Decarbonisation Delivery Plan.	Collections, Fleet & Site, Sustainable Environment				All heavy vehicles are now on HVO (30/05/25).
SERW2	To create and implement a Waste Reduction Strategy that links with the Service and County Strategy.	By creating a waste reduction strategy, the Council can decrease emissions and increase recycling rates. This includes policy, communications, Bartec.	Recycling & Waste	To be identified through consultation	December 2024	To be identified through consultation	To date the Service has begun flats recycling and food waste, informing residents through schools and house visits, and reducing bin sizes. The Service must meet to consult and develop this action with the Staffordshire Waste Partnership (30/05/25).
SERW3	To increase the rate and	By creating an outreach plan	Recycling & Waste	To be identified	2024 - Ongoing	To be identified	

	tonnage of recycling and food waste in the borough.	the service can influence residents to recycle more and reduce the amount of single use waste they consume.		through consultation		through consultation	
SERW4	To deliver a sustainable driving policy for crew members.	This includes an anti-idling policy and route optimisation to increase service efficiency.	Recycling & Waste, Fleet & Site, Sustainable Environment	To be identified through consultation	2025	To be identified through consultation	This has been developed and is being delivered by the fleet & site team (30/05/25).
SERW5	To deliver the decoupling of the garden waste service.		Recycling & Waste	To be identified through consultation	2025	To be identified through consultation	Purchase order raised for rooting to start in March (05//02/25).
Sustainable Environment							
SE1	Report the Council's and borough's carbon emissions, annually.	This allows the Council to be transparent about its emissions and develop actions to reduce significant areas of emissions through data analysis.	Sustainable Environment	No associated cost	June 2024 - Ongoing	Carbon saved from this action will be delivered through the actions that come from annual reports.	2023/2024 financial year finalised (30/05/25).
SE2	Facilitate the development of	The service will be responsible	Sustainable Environment	To be identified	June 2024 - Ongoing	To be identified	

	the Sustainable Environment Strategy and Delivery Plan.	for ensuring the development and facilitation of the SESDP until 2050.		through consultation		through consultation	
SE3	Facilitate the development of the Sustainable Environment Working Groups.	The service will be responsible for ensuring the development and facilitation of the Sustainable Environment Working Groups until 2050.	Sustainable Environment	No associated cost	June 2024 - Ongoing	To be identified through consultation	All working groups for all services have been created and are ready to begin delivering the SESDP (30/05/25).
SE4	To facilitate the creation of an additional Sustainable Environment Officer focused on Sustainability.	By creating a larger Sustainable Environment Team the development of the SESDP can become more efficient.	Sustainable Environment	To be identified through consultation	2030	To be identified through consultation	
SE5	To train and certify all Council staff members and elected members (current and new) in Carbon Literacy, or	By training and certifying all members of staff and any new members of staff, the Council will have sustainability embedded in the	Sustainable Environment & People	£3,000 every 3 years and £10 per certified staff member.	June 2027	To be identified through consultation	The training has been sourced and the first training session will occur in June - July 2024. Over 100 staff have been trained (30/05/25).



	something similar.	entire organisation and staff will be well informed of the issues we face with climate change and how to solve it.					
SE6	To seek additional funding for the funding actions in the SESDP.	This includes funding from Salix, Central Government and other opportunities.	Sustainable Environment	No associated cost	June 2024 - Ongoing	To be identified through consultation	Have applied for Salix LCSF for feasibility studies on Knutton lane Depot, Bradwell Crematorium & Jubilee 2.
SE7	To adopt the Staffordshire County Adaptation Strategy	The County's Strategy covers the entire County and should be adopted by all district Councils. Find the Strategy here Staffordshire Adaptation Strategy	Sustainable Environment	No associated cost	December 2024	No associated carbon savings	The County's Adaptation Strategy has been created and now must be adopted by the Council.
SE8	To create adopt a localised Newcastle-under-Lyme Adaptation & Resilience Strategy	By creating an adaptation and resilience plan for the Council and borough, we can reduce the impact of climate	Sustainable Environment	To be identified through consultation	April 2025	No associated carbon savings	A risk assessment has been created to inform the creation of an adaptation plan for the borough.

		change on our operations and on the public.					
SE9	To review the procurement of crews PPE and identify more sustainable supply chains.	All crews at the Council use PPE that is require by law, has high costs and will have carbon emissions from their production and transportation.	Sustainable Environment, Fleet & Site, Collections, & Streetscene	To be identified through consultation	January 2026	To be identified through consultation	
SE10	To create a high level "The Green One Council Meeting" to overlook all sustainable action and embed this in the current governance structure of the SESDP.	This includes members, leadership staff and relevant manages/officers to direct sustainable action at the Council	Sustainable Environment	N/A	January 2025	N/A	First meeting was the 6 th of November 2024 and will soon be discussed about its purpose in the governance system (07/11/2024). The Meeting has been embedded in the SESDP Governance Structure.
SE11	Embed sustainability into every single service through working groups.	This is a monthly meeting with every service director and their managers to discuss and deliver action.	Sustainable Environment	N/A	April 2025	N/A	Completed, all services now facilitating meetings (03/06/2025).

Streetscene							
SES1	To support the delivery of fleet decarbonisation by 2030 for Streetscene assets and equipment.	More detail is located in the 2030 Fleet Decarbonisation Delivery Plan.	Streetscene, Fleet & Site, Sustainable Environment				
SES2	Deliver the Grassland Management Strategy (Action Code NS9).	More detail is located in the Natural Environment & Sequestration Delivery Plan.	Streetscene & Sustainable Environment				Phase 1 has been delivered, Phase 2 & 3 are yet to be complete (30/08/24). Phase 2 and 3 have been adopted (30/05/25).
SES3	To develop and deliver a long-term forestry and tree management plan for Council owned resources (Action Code NS2).	More detail is located in the Natural Environment & Sequestration Delivery Plan.	Streetscene & Sustainable Environment				A tree risk management plan has been adopted (30/05/25).
SES4	To develop an efficient litter bin collection service.	This will allow for bins to be collected more efficiently and be placed in better areas to	Streetscene	No associated cost	2024 - Ongoing	To be identified through consultation	A system of litter bin collections and placement has been developed and continues to run an efficient service.

		enhance the Council's litter capture and reduce energy use by fleet vehicles.					
SES5	To work with local institutions and research the biodiversity of local churchyards with reduced mowing regimes.	This will allow for the Council to see the impacts on the natural environment from a reduced mowing regime	Streetscene & Sustainable Environment	No associated cost	October 2025	To be identified through consultation	This project begins on June 1 st 2025 (30/05/25).
SES6	To reduce the use of harmful weed killer (Glyphosate) by as much as possible.	Areas that may not be able to reduce use in the borough are hard to reach, in the town or in other unique places until a better alternative is identified.	Streetscene & Sustainable Environment	No associated cost	September 2024 - Ongoing	To be identified through consultation	Streetscene are currently removing the use of glyphosate in areas that spraying is no longer needed (30/08/24).
SES7	To implement perennial planting schemes where there are bedding plants currently being	By using perennial plants instead of bedding plants, the Council will save resources as well as be able to create	Streetscene & Sustainable Environment	No associated cost	September 2024 - Ongoing	To be identified through consultation	Streetscene have introduced perennial schemes at Queens Gardens, Bradwell Crematorium/Cemetery and other sites (29/05/25).

	transitioned seasonally.	more biodiverse environments in the borough.					
SES8	To reduce the use of peat in sourced soil for planting schemes where possible.	Where peat cannot be reduced, this will be due to lack of product on the market or small amounts of peat in sourced soil.	Streetscene & Sustainable Environment	No associated cost	June 2025 - Ongoing	To be identified through consultation	Streetscene are currently sourcing mostly peat free soil where possible (23/06/25).
Fleet & Site							
SEFS1	Support the delivery of the 2030 Fleet Decarbonisation Delivery Plan for Streetscene vehicles	More detail is located in the 2030 Fleet Decarbonisation Delivery Plan. Must ensure the viability via Streetscene.	Fleet & Site, Streetscene				
SEFS2	Support the delivery of the 2030 Fleet Decarbonisation Delivery Plan for 2030 for Collections vehicles.	More detail is located in the 2030 Fleet Decarbonisation Delivery Plan. Must ensure the viability via Streetscene.	Fleet & Site, Recycling & Waste				

SEFS3	Support the delivery of the Decarbonisation of Knutton Lane Depot (Action Code BE305).	More detail is located in the 2030 Built Environment & Energy Decarbonisation Delivery Plan.	Sustainable Environment & Fleet/Site				
SEFS4	Support the delivery of the 2030 Fleet Decarbonisation Delivery Plan for 2030 for Waste Transfer Station vehicles and equipment.	More detail is located in the 2030 Fleet Decarbonisation Delivery Plan.	Fleet & Site				
SEFS5	Develop and Deliver the installation and organisation of a Vehicle Charging Station Plan for the electrified fleet.			To be identified through consultation	2030	To be identified through consultation	The Service is currently developing a charging infrastructure plan to be installed at the Depot for an electrified fleet.

Technology Services Delivery Plan

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Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Digital Business							
TS1	To transition the Council to a completely digital system and to paperless. All service level paperless actions are located in their own Service Delivery Plans.	This would aid in reducing emissions and biodiversity loss. This includes supporting the elections team becoming paperless (see Legal & Governance Service Delivery Plan)	Technology Services	To be identified through consultation	2030	To be identified through consultation	The Council has begun to go paperless and digital especially through the use of more digital software such as Sharepoint.
TS2	Ensure that the Council uses digital software and hardware suppliers that are ethical and sustainable.	This will be included in the Sustainable Procurement Strategy however will need to be highly focused to ensure all digital services staff use align with our ambitions.	Technology Services, Procurement & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	The Council use an IT recycling service which is certified.
TS3	Calculate the annual emissions from paper and cloud energy use.	By calculating the carbon emissions of annual paper usage, the Council can understand and review the solutions.	Technology Services & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	This has been done and included for the next carbon



							footprint (30/05/25).
TS4	Facilitate the migration to cloud services.	By migrating Council services to the cloud, the Council can digitise much of its paper resources and reduce its data centre footprint.	Technology Services	To be identified through consultation	To be identified through consultation	To be identified through consultation	

Legal & Governance Service Delivery Plan

Corporate Procurement, Risk, Insurance & Equalities (CPRIE)

The Corporate Procurement, Risk, Insurance & Equalities service consists of a small team of specialist officers who offer and provide corporate support, help and guidance to Officers, Members across the whole of the authority and externally to Partner organisations in each of the listed functions.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
LGS1	Reduce documentation transport and storage through digitisation.	The Council store many important documents that sometimes need transportation to and from sites if they are paper copies which can	Legal & Governance	To be identified through consultation	To be identified through consultation	To be identified through consultation	Working with Oasis to digitise this process (30/05/25).

		contribute to carbon emissions from transport and energy used in the storage facility.					
Electoral Registration & Elections							
LGEE1	To work towards paperless and digital elections.	Under legislative requirements the Council is required to send a paper version of a poll card, an invitation to register or an absent vote paper application form. The Council will work in other areas of elections to become paperless.	Electoral Registration, Elections & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	Begin investigation on elections carbon footprint (14/02/25).
Information & Governance							
LGIS1	To make Information & Governance Data Protection, FOI, Land Charges, and Complaints Paperless.	These processes contribute to a significant amount of paper which can be detrimental to natural resource use and carbon emissions.	Information & Governance	To be identified through consultation	2024	To be identified through consultation	All relevant processes are now paperless.
LGIS2	To digitise the corporate post service.	Posting items can increase local emissions through the transport and production of post.	Information & Governance & Technology Services	To be identified through consultation	2030	To be identified through consultation	Work in progress (14.02.25).
Contracts, Procurement, Insurance & Risk							



LGCP1	To create a sustainable and ethical procurement strategy for Council suppliers, contractors and partners.	To ensure the Council reduces all its emissions including scope 3. the organisation must set standards for the organisations/services it uses. This includes the net zero and natural environment ambitions of externals, their production and extraction and their workers' rights standards. This will include all suppliers of the Council to have some sort of ambition to become net zero by 2030, promote the natural environment by 2050, and be an ethical employer.	Contracts, Procurement, Insurance, Risk & Sustainable Environment	To be identified through consultation	2027	To be identified through consultation	The Council are currently researching best case studies and are developing a strategy (17/12/24).
LGCP2	To create a sustainability implications template.	For the team to create a template that can weigh the implications of different policies and actions on the sustainability of the Council and borough.	Contracts, Procurement, Insurance, Risk, Policy & Strategy, & Sustainable Environment	To be identified through consultation	2026	To be identified through consultation	
LGCP3	To use DocuSign to reduce the use	By using DocuSign the Council won't have to use physical documents	Contracts, Procurement,	To be identified	December 2024	To be identified	DocuSign has been implemented



	of paper Council wide.	and have them sent to be printed and signed by staff.	Insurance, Risk	through consultation		through consultation	and is being used by the Council (17/12/24).
Legal							
LGL1	To make all Legal procedures paperless.	The production and transportation of paper contributes to natural resources use and carbon emissions.	Legal	To be identified through consultation	2030	To be identified through consultation	
Committee							
LGC1	To make all Committee procedures paperless.	The production and transportation of paper contributes to natural resources use and carbon emissions.	Committee	To be identified through consultation	2030	To be identified through consultation	
LGC2	Provide Digital Literacy Training to all current and future members.	By providing digital literacy training to members, member meetings can be made digital and remove the use of paper.	Committee	To be identified through consultation	2030	To be identified through consultation	This was attempted in the past however without extensive training so was not successful (17/12/24).

Strategy, People & Performance Service Delivery Plan

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
People & OD							
SP1	To implement an updated compulsory sustainability training session for all current and new staff members at the Council to do every 3 years.	By implementing compulsory sustainability training for all staff we will be able to ensure all new and current staff have the knowledge to engage with sustainable initiatives and drive them forward.	People & Sustainable Environment	~£1,000 annually	July 2024 - Ongoing	Associated carbon with staff changing behaviours.	<p>A new sustainability training module will be published soon alongside a new training service for staff.</p> <p>A new sustainability module has been introduced for all staff online and will be introduced in-person (31/07/24).</p>
SP2	Maximise business travel to decarbonised transportation methods	This includes all travel to and from conferences, site visits and meetings. Instead, staff may use EV's,	People & Sustainable Environment	To be identified through consultation	Survey Autumn 2024	To be identified through consultation	Looking into expenses mileage scheme and

	through a commuting travel policy and survey.	public transport and active travel. If there is a way to do it virtually or without travelling, then this is priority. This action should partner with Better Health Staffordshire.					salary sacrifice (16.10.24).
SP3	Begin to collect detailed data of business and commuting travel for scope 3 carbon footprint generation.	By collecting more detailed data on staff commuting and business travel we will be able to more accurately generate the Council's scope 3 emissions as part of our annual carbon footprint report. Can be captured through expense claims.	People & Sustainable Environment	To be identified through consultation	To be identified through consultation	To be identified through consultation	
SP4	To continue to seek Gold Thrive accreditation and complete Thrive sustainable initiatives.	Thrive lead an accredited awarding scheme for local authorities that also focuses on sustainability.	People & OD	To be identified through consultation	2024 - Ongoing	To be identified through consultation	Working on silver with Thrive, need to appoint a travel plan champion, TGN appointed (16.10.24).
SP5	To create a employee	By creating an incentive staff may change their	People & Sustainable	~ £100 annually	April 2025	To be identified	



	sustainability incentive scheme including an annual sustainability award for a service, team and individual.	behaviours more often to achieve these awards.	Environment			through consultation	
Communications & Marketing							
SCM1	To support the creation of new social media networks for the Environment and Sustainability	By creating new social media such as Instagram and Facebook for our Streetscene and Sustainable Environment Services to engage different and new audiences in the borough.	Communications, Marketing & Sustainable Environment	No associated cost	September 2024	To be identified through consultation	<p>A new Instagram and Facebook page are ready to publish when the SESDP is adopted.</p> <p>An E&S Facebook page has been created <u>Facebook</u> (31/07/24).</p>
SCM2	To share and publicise sustainable opportunities and social posts on corporate messages.	By sharing different sustainable initiatives on corporate pages when needed more of the public can engage with the subject.	Communications, Marketing & Sustainable Environment	No associated cost	July 2024 - Ongoing	To be identified through consultation	Corporate communications have begun to share sustainable initiatives with the public.

SCM3	To internally share sustainable themes for all internal communications including Connexus and Castle News.	By sharing sustainable themes in internal communications staff can learn more about sustainability and get involved.	Communications, Marketing & Sustainable Environment	No associated cost	July 2024 - Ongoing	To be identified through consultation	Internal communications have begun to always include sustainable themes.
Policy & Strategy							
SPS1	To include regular updates on the SESDP in Castle News.	By including regular updates of the SESDP in castle News staff can stay in the loop and shout out about successes.	Policy & Strategy, & Sustainable Environment	No associated cost	August 2024 - Ongoing	To be identified through consultation	
SPS2	To develop and use PowerBi dashboards in mapping sustainability related data.	This includes data like emissions from the Council so teams can identify next steps and actions for delivery as well as progress to date.	Policy & Strategy, and Sustainable Environment	No associated cost	September 2024	No associated carbon savings	Dashboard currently in development
SPS3	To integrate the SESDP into service planning and Cabinet Reporting through PDPs and reports.	Embed the Delivery Plan through integration into the council's service planning framework.	Policy & Strategy, and Sustainable Environment	No associated cost	March 2025	No associated carbon savings	Current PDPs already include section on sustainability. Both Done (16/10/24).
Health & Safety							

SHS1	To introduce a short cycle safety induction and resource for cycling during work.	This will ensure those cycling to and from work will know how to find bike funding, cycling safety tips and active travel infrastructure.	Health & Safety, People & OD, and Sustainable Environment	No associated cost	April 2025	No associated carbon savings	
Commercial Delivery (SPP)							
SCD1	<p>To capture the sustainable benefits of commercial initiatives and actively seek to improve sustainability in the borough through commercial delivery.</p> <p>This includes the creation of a sustainability priority policy to evaluate actions based on their commercial and environmental impacts.</p>	This will be through the initial phase of assessments undertaken when evaluating a commercial action which also includes cost, time etc.	Commercial Delivery & Sustainable Environment	No associated cost, however there are associated monetary savings.	April 2025	Carbon savings made with service efficiencies.	<p>Identified mileage savings for Streetscene litter diesel vans which saved 2,754.576 kg CO2e per year (15/10/24).</p> <p>Identified areas of transition from paper mail to email for invoices, such as for contaminations, bereavement care at 0.21 tCO2e. Currently working towards digitising Council Tax paper mail</p>

							<p>which would save 0.22 tCO₂e. (15/10/24).</p> <p>Currently working with Streetscene to optimise diesel/HVO street sweeper routes to reduce mileage and emissions (15/10/24).</p> <p>Looking to identify any positive carbon actions (15/10/24).</p>
SCD2	To minimise the risk of increasing emissions through the increase of commercial services, where possible.	This will include a policy to ensure new commercial delivery actions are net zero, offset emissions etc.	Commercial Delivery & Sustainable Environment	To be identified through consultation	January 2025 - Ongoing	To be identified through consultation	Working towards the digitisation of the entire Council and getting rid of data centres, using Microsoft services instead (15/10/24).

Planning Service Delivery Plan

Planning seeks to deliver sustainable development that meets the needs of existing and future residents and businesses in the borough and serves to underpin economic, social and environmental growth and prosperity. The service and actions taken by the Council as local planning authority will:

- protect and where possible and appropriate enhance assets of heritage, nature conservation and landscape value;
- identify suitable opportunities for development and re-development; and,
- help direct investment to areas which provide the essential infrastructure and services that help support growth including town centres.

Action Code	Action	Summary	Lead Service(s)	Cost (£)	Achievement Date	Carbon Saved (tCO2e)	Progress
Planning Policy							
PPP1	To implement a 10% Biodiversity Net-Gain (BNG) Policy for new developments in the new Local Plan.	Certain new developments in the borough will have to have 10% Biodiversity Net-Gain according to new Government legislation.	Planning & Sustainable Environment	To be identified through consultation	2024	To be identified through consultation	Local Plan is soon to be adopted with this policy included. Planning are currently working with Staffordshire

							Wildlife Trust (SWT) on BNG.
PPP2	To partner with Staffordshire Wildlife Trust and other natural environment experts in Staffordshire on Local Planning for the Natural Environment.	This action is to ensure all action relating to the natural environment is well informed and is backed by local experts.	Planning	To be identified through consultation	2025	To be identified through consultation	
PPP3	To adopt a new Local Plan that includes sustainable initiatives such as BNG.	The Local Plan can have a large impact on the local area and has included policy regarding biodiversity and more sustainable built environments.	Planning	To be identified through consultation	2024	To be identified through consultation	Local Plan is soon to be adopted with sustainable initiatives included.
Development Management							
PDM1	To ensure all new developments adhere to national environmental health, sustainable development	This action will be ongoing till 2050 as new regulations develop.	Planning	To be identified through consultation	2024 - Ongoing	To be identified through consultation	The Council currently ensure new developments are as sustainable as they can be and are up to national regulations.



	and BNG regulations.						
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