

**Exeter City Council Corporate Net Zero Carbon Reduction Plan**  
**2022 – 2030**  
**Version 3.0, updated August 2023**

Exeter City Council declared a Climate Emergency in 2019 and as part of this commitment it aims to achieve Net Zero GHG emissions for its own corporate activities by 2030.

The core measures set out in this Carbon Reduction Plan are needed to drive forward and deliver a broad range of actions across all services to deliver Net Zero. The greatest challenge to the Council is the financial resource and capacity needed to reach Net Zero in a timeframe as tight as 2030. A one off budget of £800,000 has been provided to support the Net Zero team, which has enabled two temporary posts to be recruited for 4 years, and a revenue budget to support service delivery of the Carbon Reduction Plan.

The Carbon Reduction Plan is supported by the 'Exeter City Council Corporate Carbon Footprint' report produced by the Centre for Energy and the Environment at the University of Exeter, which sets out opportunities, actions, and targets required to reduce carbon emissions across all Council operations, and links to the Net Zero Risk Register completed June 2022.

The Carbon Reduction Plan is a live evolving plan, to be reviewed every 6 months to update on progress made, as well as legislative, financial, technical and operational changes. The plan is clearly laid out and includes an assessment of potential measures to reduce carbon emissions in each Council service ranging from the straightforward to far more challenging. The aim is to lead by example and to reduce emissions across all Council sectors, services and operations, with the aim of being Net Zero by 2030.

The success of the Carbon Reduction Plan will need support politically and financially to ensure every Council service and employee can lead by example and demonstrate the broad and sometimes extreme actions to reduce carbon emissions, whilst delivering a service to the residents and businesses of Exeter.

#### **Document Framework**

The seven sectors in the Carbon Reduction Plan (below) are those assessed in the Corporate Carbon Footprint report, with an additional Overall Organisational Change section. The footprint was completed following an appraisal of central government policy, input from discussions with Council Service Leads and other officers in relevant departments, and consultation with key Council documents and data sources.

Measures identified for each sector include possible actions attributed to services with an update on progress made, priority, lead and resource. It is noted this further work is needed to identify investment and accurate GHG savings.

1. Non-domestic buildings
2. Council-owned housing
3. Transport
4. Procurement
5. F gases and waste
6. Renewable energy
7. Land use change – afforestation
8. Overall organisational change

#### **Governance and Monitoring**

Delivery of the Action Plan will involve:

1. A rolling programme of projects, funded by invest to save opportunities, borrowing, the Net Zero budget, and available grant funding.
2. Progress to be monitored and reported on a six monthly basis to Strategic Scrutiny Committee, including an annual report of the Council's GHG Carbon Emissions to measure and monitor progress.
3. Monitoring and updating of the Net Zero Risk Register will be reported to the Audit and Governance Committee every six months.
4. Actions have been assessed as low, moderate or high priority based on greatest carbon saving and impact on delivery of Net Zero.
  - a. **Low** - of benefit, but unlikely to have a significant impact on reduction of carbon outputs
  - b. **Moderate** - impact is likely to assist the carbon reduction plan and the delivery carbon savings
  - c. **High** - essential for full delivery of the Carbon Reduction Plan and City Council Net Zero ambition

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Council Non-domestic buildings  <i>(18% of 2021/22 footprint)</i>	Change in assets (speculative)	Longer term rolling plan to address retained assets and fabric first approach measures to reduce consumption beyond 2025	tbc	SMB, City Surveyor, Net Zero Lead	H	<ul style="list-style-type: none"> <li>Decarbonisation survey undertaken in 2022 to establish available Public Sector Decarbonisation Scheme (PSDS) funding to establish corporate properties that qualify for retrofit, insulation and decarbonisation of heat. Survey established that two properties qualify – Riverside Leisure Centre and RAMM. Funding to be announced Feb 2023</li> <li>BMS upgrade and Energy Management Information system installed to better identify projects and measure improvements</li> <li>Net Zero discussions with the Centre Operator have begun following acquisition of Guildhall Shopping Centre</li> <li>ASHP survey undertaken for two key leisure sites</li> <li>Heat Network Zoning Pilot being undertaken on City wide basis – potential if successful to feed high use sites.</li> <li>Roof replacement to provide for solar array at Riverside Leisure Centre completed and solar array fitted alongside battery storage in December 2022</li> <li>Battery storage installed at 2 further sites with solar generation - Matford Centre and John Lewis Car Park, completed in January 2023</li> <li>Membership of South West Energy and Environment Group (SWEEG) progressing with projects for 2023/4 agreed and studies to include investigating decarbonisation of corporate estate and operational services</li> </ul>	<ul style="list-style-type: none"> <li>Exeter City Council has been awarded £6,391,664 to deliver heat decarbonisation projects at the Royal Albert Memorial Museum (RAMM) and the Riverside Leisure Centre (Riverside). RAMM will install a new air sourced heat pump system, replacing existing gas fired boilers that are at the end of their life. The Riverside Leisure Centre will replace an end of life boiler and heating plant with air sourced heat pumps, integrate a heat recovery system and upgrade its roof to improve its thermal efficiency and accommodate the roof mounted air sourced heat pumps.</li> <li>Low Carbon Skills Fund application for Decarbonisation Surveys earlier in 2023 was not successful. However, essential surveys to secure potential Sport England grant supported by the Net Zero budget, will be undertaken at leisure sites</li> <li>Feasibility Study Underway to assess the suitability of connection to a potential City Heat Network. Three sites are being surveyed and findings will be reported to SMB for further consideration should the heat Network be developed.</li> <li>RAMM secured MEND funding (£498,000). The grant from the Museum Estate &amp; Development Fund (MEND) is matched by an existing capital programme budget will provide vital funds to address the maintenance backlog of the RAMM roof and will include installation of a permanent access system to the roof, upgrading the roofs' insulation and the re-decoration of damaged ceilings</li> <li>Ongoing discussions with the Local Plan team in developing net zero related policies for the Exeter Plan. Including Studies via SWEEG and the Centre for Energy &amp; Environment at Exeter University. Include the Water Lane Smart Grid and Storage Project, A</li> </ul>
		Consider GHG impacts in conjunction with potential development, construction of new facilities, sale of buildings, or change of asset to ensure lifetime emissions are accounted for, such as sale/repurpose of Civic Centre	-473	SMB, City Surveyor	H		
		Take GHG emissions into account alongside cost and commercial considerations when making key decisions to renovate and retain exiting sites. Refurbishing existing assets results in lower environmental impact	tbc	City Surveyor, Net Zero Lead, SMB	H		
	Efficiency and demand reduction	Improve space heating, hot water heating systems to decarbonise heat	-572	Corporate Property, Net Zero Team, Service Leads	H		
		Full energy efficiency and demand reduction investment grade audit at RAMM	tbc	Corporate Property, Net Zero Team, RAMM Service Lead	H		
		Improvement opportunities at RAMM include sector based changes to temperature and humidity controls of temporary exhibitions, and other permanent galleries to reduce consumption	tbc	Corporate Property, Net Zero Team, RAMM Service Lead	H		
		Replacement of Air Handling Units	tbc	Corporate Property, Net Zero Team, RAMM Service Lead	H		
		Improvements to Leisure Centres (Riverside ISCA, Exeter Arena) e.g. fabric improvements, ventilation upgrades, lighting replacement, swimming pool efficiency	tbc	Leisure Service Lead, Net Zero Team	H		
		Improvements to Corn Exchange e.g. fabric improvements, ventilation upgrades, lighting replacement	tbc	Corporate Property, Net Zero Team, Service Lead	H		
		Improvements to all remaining buildings with a 20% energy efficiency improvement by 2030	tbc	Corporate Property, Net Zero Team, Service Leads	H		
Decarbonising heat	Installation of heat pumps, district heating, direct electric heating or hydrogen heating (if feasible) in public buildings to decarbonise heat, including those requiring replacement at Riverside, RAMM, ISCA and Arena Centre. Where heat pumps	-584	Corporate Property, Net Zero Team, Service Leads	H			

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		are installed, ensure that low and zero GWP refrigerants are used					<p>Case for Electrification of Fleet. In addition, supporting Planning policy, development of the Local Plan and further emerging planning policy including retrofit, embodied emissions and future development standards.</p> <ul style="list-style-type: none"> <li>Solar Survey for all remaining suitable assets to be finalised and business case developed to tender a programme of work to help decarbonise ECC owned and occupied buildings</li> </ul>
	Water	Review water saving opportunities	-	Net Zero Team, Service Leads	L		
	Renewable energy	Inclusion of PV on any suitable outstanding roofs across ECC's non-domestic estate – see Renewable Energy Sector below	-82	Net Zero Team/City Surveyor	H		
		Investigate potential for further energy storage	Tbc	Net Zero Team, City Surveyor	M		
Council-owned housing  (60% of 2021/22 footprint)	New Passivhaus dwellings	Build 1,000 new Passivhaus dwellings at proposed rate of 500 before 2025, and a further 500 up to 2030 to A++ target standard	+861	Assistant Director Housing, Exeter City Living	H	<ul style="list-style-type: none"> <li>Green Homes Grant – Local Authority delivery of £1.6m secured and delivered in 2021/22</li> <li>426 properties retrofitted as part of a 'fabric first' strategy – with the inclusion of PV installation and smart heating controls.</li> <li>Current housing assets planned maintenance programme includes retrofit work as standard</li> <li>Delivery target date of 2023 being assessed on the basis of current delivery and resource/funding availability</li> <li>Review of mechanical and electrical strategy underway – no programme installation of ASHP/GSHP to be installed at present</li> <li>Analysis of non-traditional properties being completed – structural condition now known to be sound and design plans are being prepared to maximise building fabric thermal efficiency. An initial programme for non-traditional properties likely to commence in the 2023/24 financial year</li> <li>New rented Council housing currently continues to be delivered to Passivhaus standard – a 53 bed extra care scheme was completed in 2022</li> <li>The current new-build target is for 500 Council homes over a 10 year period – commenced in 2020</li> </ul>	<ul style="list-style-type: none"> <li>The Housing Service is continuing the retrofit programme across the remainder of ECC stock, financed through the Housing Revenue Account. A delivery timescale is currently being developed.</li> <li>Further Government grant of £1.494m via the Social Housing Decarbonisation Fund has been secured for 2023/2025. The funding award is representing 43% of the estimated retrofit costs, with a further £1.998m co-funded contribution from ECC representing 57% and a total expenditure of £3.493m over a 2-year project period.</li> <li>This programme of works equates to a target of 98 properties for Year 1 (2023/24) and 147 properties for Year 2 (2024/25).</li> <li>Vaughan Road (91 new Affordable Passivhaus homes) is under construction</li> <li>ECL continue to work on sites through the design and development stage based on a Passivhaus design providing viability can be achieved.</li> </ul>
	Loft and cavity wall insulation	Install loft and cavity wall insulation top-up where required in existing homes pre 2025	-139	Assistant Director Housing	H		
	Improvements in energy efficiency	Promoting energy efficiency and use of low energy appliances by promotion of /access to good quality guidance	-363	Assistant Director Housing	H		
	Further deployment of solar photovoltaic panels	Installation of PV to half of suitable existing and new homes by 2025	-334	Assistant Director Housing	H		
	Solid wall insulation	Install solid wall insulation in 500 appropriate homes	-244	Assistant Director Housing	H		
	Replacing fuel fuelled heating with ASHPs	Install ASHP in 3,510 homes not already heated electrically ensuring that low and zero GWP refrigerants are used	-9,871	Assistant Director Housing	H		
	Deep retrofit and other energy saving	Install combination of smart technologies, heat recovery, thermal and electrical storage where a property type is able to achieve Passivhaus/EnerPhit standards of 15kWh/m <sup>2</sup> however Government grant funding now requires 90 kWh/m <sup>2</sup> /year	-1,520	Assistant Director Housing	H		
	Final deployment of solar photovoltaic panels	Install PV on all remaining suitable homes by 2030	-203	Assistant Director Housing	H		
Transport  (3% of 2021/22 footprint)	ECC Fleet	Migrating the fleet to low and Zero Emission Vehicles, including solutions for specialist waste and public and green space vehicles and equipment by 2030	-746	Fleet Management, Net Zero team	H	<ul style="list-style-type: none"> <li>Continue Fleet and Equipment Electrification Plan</li> <li>Driver Training undertaken</li> <li>18x (16.5%) electric vehicles (including 3x electric Refuse Collection Vehicles (eRCVs)), and 4x (3.7%) petrol hybrid vehicles, in active fleet of 109 vehicles in 2021/22</li> </ul>	<ul style="list-style-type: none"> <li>Report by SWEEG evaluating the case for electrification of the remainder of the refuse collection vehicle fleet, considering both greenhouse gas emissions and costs. High Lease costs prohibiting expansion</li> </ul>
		Minimise number of and mileage of journeys / better route planning for bin collections / waste bin collection rounds	tbc	Cleansing Services Lead,	H		

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				Fleet Management		<ul style="list-style-type: none"> <li>Solar Farm at Water Lane co-located with energy storage technology with private wire provides a renewable energy supply to the Council's Depot site, supporting charging infrastructure to electrify the Council's Operation fleet. The ground breaking project was completed in January 2023</li> <li>Review of Green Travel Policy underway, new policy to be developed following information gathered from Staff Survey 2023</li> <li>Work with Waterways to undertake an Electrification and EV charging appraisal</li> </ul>	<ul style="list-style-type: none"> <li>Research is being carried out to ascertain the viability of using bio-diesel for fleet vehicles. To reduce costs/carbon emissions, in the interim whilst electrification of the fleet is delivered</li> <li>Investigating navigation software to provide optimisation of residential waste collection</li> <li>EV infrastructure implementation plan and City Strategy completed and to be reported to Executive.</li> <li>ECC currently working with Devon County Council and other District Councils to secure LEVI to be allocated to Tier1 authorities to install charging infrastructure across the city. ECC to allocate in line with the EV strategy commissioned (above).</li> <li>No further fleet electrifications within P&amp;GS in the last six months due to the current 3.5 Tonne vehicles available on the market not being operationally compatible with ECC payload requirements. Electric alternatives explored routinely for any replacement requirements</li> <li>Electric alternatives to small plant and equipment within P&amp;GS being explored as and when equipment reaches end of life. No equipment has reached end of life in the last six months.</li> <li>Commuting and homeworking emissions to be calculated more accurately in 2023/24 carbon footprint, using data collected from travel survey with ECC staff</li> <li>April 2023: New Stagecoach Corporate Discount in place for ECC staff to encourage commuting by public transport</li> <li>Green Travel Plan incentivising sustainable travel to be finalised in August 2023</li> <li>New travel survey carried out in July 2023 to improve accuracy of travel emissions within Carbon Footprint</li> <li>Waterways currently sourcing viable proposals for electrification and EV charging appraisal</li> </ul>
		Drive efficiently e.g. through Telematics (especially important with electric vehicles)	tbc	Cleansing Services Lead, Fleet Management	M		
		Better reporting - each department using vehicles to measure and report mileage and give feedback to staff, set targets for reduction and incentivise to use most efficient vehicle	tbc	All Services, Net Zero team	H		
	Other direct transport	Zero Red diesel strategy for specialist vehicles and equipment for Public and Green Spaces team e.g. tractors, mowers, sweepers, tele-handlers and other portable equipment	tbc	Cleansing Services Lead, Fleet Services, P&GS Lead	H		
		Electrification of 25% of public and green spaces specialist equipment between 2025 and 2030 and removing red diesel	-18	Fleet Services, P&GS Lead	H		
	Indirect transport	Policy on business travel and grey fleet miles to ensure all business travel to be using public transport, active travel or electric vehicles	-127	OMB	H		
		Mandating use of low and zero carbon travel alternatives and green travel incentives	tbc	OMB	H		
		Further expansion of EV Charging Network across Council owned assets	tbc	Net Zero Team, Fleet Services, Parking Services	H		
		Require deliveries to the council to be by electric vehicles or bike, creating demand for freight consolidation centres. Liaise with partners to identify sites and ensure planning provision is made	tbc	Net Zero team, Procurement	M		

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Procurement <i>(20% of 2021/22 footprint)</i>	Improve data capture	Improve Data Capture, with minimum corresponding sector spend recorded in procurement records	tbc	Procurement Lead, Net Zero Team	H	<ul style="list-style-type: none"> <li>New eProcurement software to be amended to allow for better recording of Scope 3 emission data</li> <li>Discussions ongoing with partnering organisations to introduce improved supplier carbon accounting data and obligate suppliers to provide contract specific emissions data, and use in contract selection process</li> <li>Procurement T&amp;F group established, looking at categorising spend and analysing contracts over £100k to seek out embodied emissions</li> <li>Green Accord branding and logo redesigned in December 2022. Website rebuild completed and updated regularly.</li> </ul>	<ul style="list-style-type: none"> <li>Carbon footprint reporting used by SWEAG for Scope 3 emissions data updated and more accurate methods are in place</li> <li>Procurement T&amp;F group working to improve supplier engagement</li> <li>Working to get Commercial Endorsement Form to include whole life environmental cost for project – details on material, plant, waste, operative</li> <li>Procurement T&amp;F group working to seek Scope 3 emission data for larger housing maintenance contracts</li> <li>April 2023: Green Accord relaunched at Exeter Chamber Event, providing an accreditation scheme for businesses to evidence carbon reduction and way for supply chains to ensure their suppliers use businesses with proven sustainable business practices and net zero targets. Campaign being developed to promote Green Accord across the region.</li> <li>Work to get all council printing on certification programme verified paper/card, e.g. FSC and PEFC underway</li> <li>June 2023: discussions underway with district councils in Devon and other large supply chains to adopt Green Accord</li> <li>Working to ensure Green Accord or equivalent environmental accreditation is a requirement of all ECC suppliers</li> </ul>
		Make it a requirement that all suppliers for new contracts exceeding £50k should state associated GHG emissions with that contract for each financial year, or as a minimum suppliers should provide the corresponding sector for spec to minimise the effort and error associated with manual allocation, and this info be recorded in procurement records	tbc	SMB, Procurement Lead, Net Zero Team	H		
	Consider the need for new buildings	On consideration of the hierarchy for buildings and maximise use of existing assets: build nothing, build less, build clever, build efficiently	tbc	SMB, City Surveyor, Net Zero Lead	H		
		Implement a Sustainable Procurement Policy which specifically includes a minimum A and A++ (LETI) for all City Council new development projects	tbc	Procurement Lead, Net Zero Team, City Surveyor, Exeter City Living	H		
	Follow circular economy principles	Decisions must be taken with good quality data i.e. from suppliers. Take GHG emissions into account alongside cost and quality considerations when awarding new contracts and all key decisions on capital projects. Weight contract award weighting for climate change in procurement processes where relevant and proportionate	tbc	Procurement Lead, City Surveyor, Net Zero Team, SMB	H		
		Ensure all new homes have LETI embodied carbon rating of A and other construction has equivalent, target increased to A++ by 2030	tbc	Assistant Director Housing, Exeter City Living, SMB	H		
F gases and waste	Quantify ECC's own waste volumes	Produce an annual ECC waste report that includes total tonnes/annum, breakdown into categories by weight, final destination of waste reported. This will form a base year against which targets can be set	tbc	Net Zero Team, Recycling Lead	H	<ul style="list-style-type: none"> <li>Recycling and signage provided in all Council offices</li> <li>Printing discouraged where possible</li> </ul>	<ul style="list-style-type: none"> <li>Net Zero team working with Net Zero Ambassadors to help enforce waste prevention and recycling in the workplace</li> <li>Study to be sought from SWEAG to assess the carbon emissions of processing waste and recycling collected and sold on by ECC</li> <li>Discussions to be held with Corporate Property and Housing to ensure maintenance contracts include F gas losses</li> <li>Discussions with Corporate Property to accurately measure and create an inventory of fgases.</li> <li>Discussions with ECC venues to reduce single use plastic across organisation</li> </ul>
	Reduce waste going to landfill	Use a contractor that guarantees no waste going to landfill	tbc	Service Leads, Net Zero Team	H		
		Adopt a no-printing policy. Ensure all documents distributed are electronic	tbc	OMB, Net Zero team	H		
	Quantify ECC's full inventory of F-gas	Create inventory of refrigeration, air conditioning and heat pump equipment and for each item, record the refrigerant type, the charge capacity and the time in use during the reporting period to plan a reduction programme	tbc	Corporate Property, Building managers, Net Zero Team	H		
Quantify ECC's recycling processing	Assess the carbon emissions of processing recycling that the city council collects and sells on. Include cardboard, paper, glass, plastic, and other waste streams sold on e.g. fishing nets	tbc	Recycling Lead, Net Zero team	H			

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Renewable energy <i>(-1% of 2021/22 footprint)</i>	Non-domestic PV	Identify and make business case / seek funding for further non-domestic PV opportunities across ECC estate e.g. Guildhall, ISCA, Arena, ECFC, Corn Exchange, RAMM, University fields, Water Lane II, Bus Station, St Sidwell's Point	-461	City Surveyor, Service Leads, Net Zero Team	H	<ul style="list-style-type: none"> <li>Pioneering Water Lane Smart grid and Storage Project completed in January, includes a ground mounted 1.2 MW Solar Farm at Water Lane co-located with energy storage technology (2MWh battery store). A connecting private wire providing a renewable energy supply to the Council's Operations Depot at Exton Road and installation of EV charging infrastructure to support the electrification all operational fleet. The project also included a 120kw solar PV array on the Riverside Sports hall roof and battery store. Battery storage at the Matford Centre and John Lewis Car Park to optimise power generation from existing PV installed at both sites.</li> <li>Review of Solar opportunities and new Invest to Save proposal for generation to provide energy security, protection against price increases, provide PPA potential, and to reduce carbon emissions through renewable self-supply</li> </ul>	<ul style="list-style-type: none"> <li>Full dissemination report of first year of operation of Water Lane solar farm and energy storage technology, as well as outcomes from Riverside, Matford and John Lewis battery storage installations, to be completed by SWEEG.</li> <li>Review of solar opportunities underway including 13 ECC owned non-domestic buildings.</li> <li>Feasibility survey being carried out to relocate the canopy solar PV array from Mary Arches car park to the Guildhall Car Park.</li> <li>DNO constraints restrict large scale solar development.</li> </ul>																									
	Domestic PV	Install roof mounted PV on 2,386 existing homes and similar proportion of new build Council homes	-376	City Surveyor, Housing lead, Net Zero Team	H			Land use change – afforestation <i>(0% of 2021/22 footprint) offsetting potential</i>	Planting broadleaf and conifers	Planting broadleaf and conifers evenly throughout the Valley Parks and greenspace woodland (409ha) between 2022 - 2030 identifies potential to cover 25% of the area	-829	SMB, P&GS Lead	H	<ul style="list-style-type: none"> <li>Within ECC Exeter P&amp;G Spaces to move from 24% to 30% canopy cover (tree line cover), target for 2030. Working with Greater Devon Network partners to increase canopy cover further across remaining private open spaces</li> <li>64 standard trees planted city wide, and 591 whips in a new woodland project at Newhaven fields</li> <li>Study to be undertaken to evaluate offsetting opportunities</li> <li>Parks officers have also continued to work closely with community groups and to support community-based initiatives. 2021/22 have seen the establishment and extensions of two community gardens in Exeter</li> <li>Officers working closely with Devon Wildlife Trust and Wild City, creating wildlife corridors, integrated process that relies on multiple methods to reduce aggregate use of chemical controls</li> </ul>	<ul style="list-style-type: none"> <li>No further afforestation developments at this stage</li> <li>Increased meadow grass programme</li> </ul>	Explore options for offset funding and opportunities within Exeter, utilising Council owned assets	tbc	P&GS Lead, Net Zero Lead, SMB	H	Overall Organisational Change	Improve understanding of Net Zero actions and Climate Change	Implement 'Carbon Literacy' training to all Councillors, Net Zero Ambassadors, SMB, OMB and other relevant officers	tbc	Net Zero Team	H	<ul style="list-style-type: none"> <li>Quarterly meetings between Net Zero Ambassadors and Net Zero team established</li> <li>Carbon Literacy training underway for all staff and Councillors delivered by 2 members of the Net Zero team, with training open to all staff and Councillors</li> <li>30 members of staff and Councillors 'certified' as Carbon Literate so far</li> <li>Carbon Literate Organisation Bronze Status achieved in November 2022</li> </ul>	<ul style="list-style-type: none"> <li>August 2023: 165 members of staff (including Net Zero, business and car parking service team, Net Zero Ambassadors, SMB) and Councillors have undertaken Carbon Literacy training delivered by 2 members of Net Zero team</li> <li>August 2023: 71 members of staff and Councillors 'certified' as Carbon Literate so far</li> </ul>	Develop communications programme to highlight within the Council and externally, achievements and projects delivered in working towards Net Zero 2030	-	Net Zero Team	H	Review City Council policies to determine their negative and positive impact on reducing Council carbon emissions
Land use change – afforestation <i>(0% of 2021/22 footprint) offsetting potential</i>	Planting broadleaf and conifers	Planting broadleaf and conifers evenly throughout the Valley Parks and greenspace woodland (409ha) between 2022 - 2030 identifies potential to cover 25% of the area	-829	SMB, P&GS Lead	H	<ul style="list-style-type: none"> <li>Within ECC Exeter P&amp;G Spaces to move from 24% to 30% canopy cover (tree line cover), target for 2030. Working with Greater Devon Network partners to increase canopy cover further across remaining private open spaces</li> <li>64 standard trees planted city wide, and 591 whips in a new woodland project at Newhaven fields</li> <li>Study to be undertaken to evaluate offsetting opportunities</li> <li>Parks officers have also continued to work closely with community groups and to support community-based initiatives. 2021/22 have seen the establishment and extensions of two community gardens in Exeter</li> <li>Officers working closely with Devon Wildlife Trust and Wild City, creating wildlife corridors, integrated process that relies on multiple methods to reduce aggregate use of chemical controls</li> </ul>	<ul style="list-style-type: none"> <li>No further afforestation developments at this stage</li> <li>Increased meadow grass programme</li> </ul>																									
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Version 3.0, updated August 2023**

Sector	Area of Focus	Potential Measures	Identified GHG reduction tCO2e	Lead	Priority	Measures taken	August 2023 Update
		Improve staff capacity to allow delivery of Net Zero across all ECC Services (sectors)	-	All services, SMB	H	<ul style="list-style-type: none"> <li>January 2023: New 'Climate Emergency' section created on ECC website which includes information ECC's Footprint reports, Carbon Reduction Plan and Net Zero progress. Intranet pages to be created to highlight Net Zero team's work</li> <li>December 2022: Statement made in support of the Devon Carbon Plan</li> <li>ECC has representation of the Tactical and Response Devon Climate Emergency group meetings</li> </ul>	<ul style="list-style-type: none"> <li>'Climate Emergency' section on ECC website continues to be kept up to date</li> <li>Active engagement with Scope 3 and Doughnut Economics Community of practice groups run by University of Exeter, and Devon Climate Emergency Response Group and Tactical Groups run by the Devon Climate Emergency team at Devon County Council</li> </ul>
		Continue to work with partners locally and nationally to deliver Net Zero	-	All services, SMB, Net Zero team	H		
		Ensure all Council decisions are informed by an analysis of whether they would help or hinder the delivery of the Net Zero ambition for the council and the city	-	All services, Councillors, Net Zero team	H		
		Investment Plan to determine what resources would be required to achieve net zero measures		Net Zero Team	H		

**Changes to version 2.0 in February 2023**

- **Addition to potential measures in 'Transport' sector** - Require deliveries to the council to be by electric vehicles or bike, creating demand for freight consolidation centres. Liaise with partners to identify sites and ensure planning provision is made
- **Addition to potential measures in 'Overall Organisational Change' sector** - Ensure all Council decisions are informed by an analysis of whether they would help or hinder the delivery of the Net Zero ambition for the council and the city
- **Addition to area of focus and potential measures in 'F Gases and Waste' sector** - Quantify ECC's recycling processing - Assess the carbon emissions of processing recycling that the city council collects and sells on. Include cardboard, paper, glass, plastic, and other waste streams sold on e.g. fishing nets
- **Update column changed to February 2023** and updated accordingly above

**Changes to version 3.0 in August 2023**

- All previous measures taken moved to new 'Measures taken' column and new column created for August 2023
- New low, moderate, high priority ranking added for potential measures