

TARGETS											
No.	Understand and grow our natural capital account to benefit people and nature by 2025	The Council will reduce emissions from our buildings and fleet transport to net zero by 2030 (scopes 1&2)	The County Council will reduce its supply chain emissions (all scope 3) by 50.4% by 2030	Improve our Biodiversity across Council estate by 2030	Cambridgeshire carbon emissions will be net-zero by 2045	Support our communities and businesses to decarbonise by 2045	All Council buildings and infrastructure to be resilient to climate change impacts by 2045	Action	Delivery Status	RAG Status Green = on track Yellow = delayed/stalled Red = not started/off track	Action Plan Target Date
1		✓	✓	✓	✓	✓	✓	Embed climate/environment into decision making across the organisation, including: - All committee paper templates incorporate a requirement for officer clearance of implications of climate change impacts, carbon footprints and adaptation and environmental impacts, to help inform decision making - Embed climate impact assessment across the organisations, particularly at key decision stages of projects/proposals	In progress	Continuing to sign off committee papers. Work on improving integrated impact assessments and incorporate carbon and environment is underway.	2021
2		✓	✓		✓			Develop and upskill officers' capability to undertake (or commission) lifecycle analysis when procuring construction goods and services to ensure minimisation of carbon emissions and waste.	In progress	Work ongoing with contractors to understand lifecycle analysis, particularly in highways. Working with GCP and CPCA to ensure strategic alignment of approach and methodology	ongoing
3	✓		✓		✓	✓		Strengthen environmental requirements within Social Value portion of procurement specifications, specifying expected outcomes where appropriate and monitoring delivery via robust contract management	In progress	Social Value Portal in place. Implementing on larger contracts	2022
4					✓	✓		Work with the Districts, CPCA and GCP to develop and deliver a joint Public EV charging infrastructure delivery plan to enable residents without access to off-street parking to switch to electric vehicles. Making use of different types of Council asset -e.g., car parks, P&R, highways	In progress	Delayed while awaiting LTCP and Alternative Fuel Strategy to ensure alignment. EV Charging Strategy now under development.	2022
5		✓	✓	✓			✓	Incorporate the principles of the CCES into the Council's Asset Strategy and develop and deliver a programme of reductions to the environmental impact of the Council's existing built assets, including: - Maximising energy efficiency - Maximising renewable generation at our assets - Minimising reliance on fossil-fuels, targeting removal of gas/oil systems by 2025 - Maximising biodiversity potential, targeting 20% net gain - Minimising waste, especially water through use of water saving and grey water approaches	In progress	Focus to date has been on retrofit. Piecemeal delivery to date is successful, e.g., in specifications for new build schools. Funding levels are a particular challenge	2022
6	✓		✓	✓	✓	✓	✓	Develop and deliver Carbon reduction and Biodiversity Strategy's for the Highways Management contracts, considering lifecycle analyse, adaptation and use of materials.	In progress	In development, funded through the ENZ Programme. Proposed to combine with action 53	2022
7	✓			✓	✓		✓	Develop an overarching Tree and Woodland Strategy for the Council and County. For County Council assets, this should look to deliver policy to set out principles by which the Council will plant and manage its tree assets to maximise carbon and biodiversity benefits	In progress	Interim strategy approved Autumn 2022. Tree Survey being commissioned to underpin full strategy for Winter 2023.	2022
8	✓				✓	✓		Produce an External Climate Change and Environment Communications and Engagement Plan to provide residents, communities, and businesses information on the challenges of climate change, enable them to make the right choices to reduce their environmental impact and signpost to actions our communities can take along with funding opportunities. To incorporate: - Carbon footprinting - Waste minimisation - Incorporation of climate into neighbourhood plans	In progress	Communications strategy drafted. Recruitment into Communications Team funded by Net Zero Programme has completed. Capacity now in place to deliver this action and associated communications plan.	2022
9			✓		✓	✓		Detailed scoping of a Cambridgeshire Decarbonisation Fund to manage hard to treat carbon emissions for set up by 2023/2024. Work with businesses and partners (CPCA, Local Authorities) to set this up and build the pipeline of projects that can access funding. Set up of a carbon business advisory service for SME's.	In progress	Scoping of this action as part of the ENZ programme is underway.	2022
10			✓					Develop and deliver an offsetting strategy to enable the Council to consider options for dealing with its residual "hard to prevent" emissions through offsetting within the Council's assets.	In progress	Delayed due to resourcing. Project development now underway.	2022
11	✓			✓				Develop and implement a policy for the use of chemical pesticides and herbicides across all CCC assets, with a view to minimising their use as far as possible while acknowledging the specific needs and requirements of different asset types.	Not Started	Propose this action is delivered via the Biodiversity Strategy (Action 25)	2022
12		✓			✓			Develop a sustainable travel policy for all CCC staff, encouraging and enabling use of lower carbon alternatives.	In progress	Gathering of evidence base and best practice is underway to inform the strategy.	2023
13	✓	✓	✓	✓	✓	✓	✓	Develop and deliver a training programme to upskill all CCC staff (and Members where possible) on carbon, climate, and biodiversity to enable improved decision making and delivery of other actions. Type of training to reflect needs of different types of staff.	Delivery	Training underway across the authority. Skills analysis underway to determine additional needs	2023 (to have programme established)
14	✓	✓	✓	✓	✓	✓	✓	Develop principles to mitigate carbon, adapt to climate change and minimise impacts on nature for inclusion in all council strategies and policies	In progress	Proposed re-word to reflect Net Zero by Design work. NZ by design scoping complete.	2023
15	✓			✓				Continue to designate and support non-designated heritage assets, many of which can be managed to create a better environment for residents and for heritage itself.	Delivery	Continuing to improve interpretation at several scheduled monuments	
16			✓		✓	✓		Identify opportunities on County Council assets to trial new technologies, including electrolysis of hydrogen using solar PV and carbon capture and storage mechanisms	In progress	Work continues to deliver projects and establish a pipeline of future opportunities.	2023
17	✓						✓	Update county-wide Flood and Water Supplementary Planning Document (SPD) to reflect the evolution of national and local planning policies and the need for adaptive measures	In progress	Under development. Completion due 2024	
18			✓		✓	✓		Work with partners in the Cambridgeshire and Peterborough Waste Partnership (RECAP) to embrace changes within the Environment Act and the emerging Waste and Resource Strategy to align with the principles of the circular economy to promote more sustainable waste management practices.	In progress	Awaiting full guidance from DEFRA. Updated Joint Waste Strategy due 2024.	2023
19	✓				✓	✓		Support Cambridgeshire and Peterborough Local Authority Partners to develop their Local Plans that include policies to: - reduce carbon emissions in line with government's carbon budgets or locally agreed standards if these deliver reductions faster - incorporate adaptive measures to the changing climate, including use of blue/green infrastructure - deliver positive environmental and biodiversity net gain for green spaces.	In progress	Planning continues to leverage inputs within the bounds of their planning functions. Involvement in the Natural Environment Policy and Planning Forum influences on biodiversity and nature.	ongoing
20	✓				✓	✓		Collaborate with the Greater Cambridge and Greater Peterborough Combined Authority on its non-statutory spatial plan to ensure energy, water and electrified transport infrastructure facilitates carbon emissions reductions, supports adaptation measures to climate change impacts and delivers 20% net gain	In progress	Work with the e Natural Environment Policy and Planning Forum and LNRS collaborations support this action	ongoing
21					✓	✓		Work with all stakeholders to develop a Local Area Energy Plan to deliver smart energy infrastructure to facilitate a net zero Cambridgeshire at lowest cost	Delivery	Working group to deliver this action has been established. Including engagement with UKPN.	2024

22		✓	✓		✓			Scope all Council building for suitability for workplace EV chargepoints and commence a delivery programme to facilitate staff and fleet transition to EV at all suitable locations	Delivery	Delays to delivery of current 18 chargepoints. scoping of wider sites not yet commenced.	
23				✓		✓		Improve management of highways to deliver environment net gains, including management of verges for biodiversity value. Assessment of all highway's assets and implementation plan in place by 2023. To include: - Data gathering (surveys and checking highways mapping) and consultation with PCs. - Training for Parish Councils on the ground.	Delivery	Pilot schemes are in delivery.	2030
24		✓			✓			Transition all corporate transport fleets (e.g., gritters, mobile libraries, highways fleet, pool and hire car & vans etc), to low carbon alternatives, e.g., EV (Electric Vehicle), e-bikes etc.	Not Started	Gap in Fleet Management function identified and raised internally. Significant progress slowed due to lack of capacity.	2030
25	✓				✓		✓	Develop and implement a Biodiversity Strategy for the Council and County to describe how and where biodiversity enhancement can take place. For County Council assets- including wildlife sites, highways, rural estate and others – this should look to deliver improved environmental outcomes, adaptation, and a doubling of nature. To include: - Mapping of existing assets and biodiversity audits to understand existing biodiversity assets and site conditions - Develop site specific improvement plans to deliver appropriate actions to bring site into positive conservation management - Identification of opportunities for residents to take part and engage in delivery of improvement plans, ongoing maintenance and monitoring - Ongoing monitoring programme to measure progress towards 20% net gain	Delivery	Biodiversity audit has been commissioned to start in survey season in 2023. Proposed to incorporate action 11 into this action.	2030
26			✓	✓	✓			Establish an environmental policy for procurement to guide specification writing and support specification authors to fully consider climate change and environmental impacts of their tender.	Delivery	Sustainable Procurement Policy approved. Net Zero by design guidance under development. Carbon Charter in place. Template evaluation question on climate/environment in use. Proposed to merge with action 27.	2023
27			✓	✓	✓			Contract managers to identify key review points for existing contracts and to work with existing contractors to prepare them for carbon and environmental reporting (e.g., biodiversity net gain and reduction of single use plastics)	In progress	Underway, with procurement team identifying key contract review/renewal points. Proposed to merge with action 26.	
28			✓	✓	✓	✓		Develop the council's approach to managing our leased-out properties (rural, and built) to, where possible, include or strengthen requirements for tenants to implement methods that are environmentally beneficial. For example: encouragement for carbon reduction measures, adaptation measures (i.e. water reservoirs to use in drought) and positive management of wildlife interest	In progress	A single approach has not been established yet. However, as farm tenancies are renewed some environmental elements are strengthened. There is a potential tension between commercial and environmental outcomes that requires greater time to work through.	
29			✓		✓	✓		Explore and develop business models to enable Council investment to upgrade all commercial properties' energy efficiency and to share in the financial benefit from energy reductions	Not Started	Some limited work in response to legislation (MEES). Current focus has been on CCC assets where we pay the bills. Technical feasibility work is required to progress this action - requires resource to deliver.	ongoing
30				✓	✓			Work through the planning system with partners to influence and educate officers and developers to reduce the carbon impact of waste collection infrastructure for new developments	In progress	All CCC planners have received Carbon Literacy Training, and continue to apply this to influence developers.	2030
31				✓	✓			Work with partners, like the CPCA and businesses, to encourage commercial fleets – including buses and delivery vehicles in urban areas (where many of the air quality exceedances are) – to move to electric vehicles	Delivery	Various collaborative projects underway, including collaboration on Air Quality Management Areas. Further progress on this ties in with EV infrastructure roll out.	2030
32					✓	✓		Work in partnership with our strategic transport partners to ensure policy and new schemes promote the travel hierarchy and contribute to carbon reductions, including: Work with CPCA, CPCA to fully understand and understand to use the "Shared first choice" for Cambridge residents through	Delivery	Delivery of various active travel projects. Inputting to GCP/CPCA strategic plans continues.	2030
33	✓				✓	✓		Work with the Greater Cambridge Partnership to deliver infrastructure to support the decarbonisation of housing, jobs, and transport through collaborations on electricity infrastructure upgrades, electric vehicle charging facilities, low carbon heating solutions and net gain.	In progress	Funding for investment in grid upgrades for the Greater Cambridge east area has been secured through RII02 business plan the UKPN agree with Ofgem	2030
34	✓				✓	✓		Work in partnership with the public and private sector to design, develop and deliver new infrastructure across the Cambridge-Oxford ARC that supports new communities to live net -zero carbon lifestyles and ensure water security and biodiversity benefits.	In progress	CCC attend the Ox-Cam Environment Group. Inputting where possible and new governance is being developed (Ox-Camb Partnership Environment Sub Group) to strengthen the partnership. Specific focus on improving nature and water is being delivered and evidence	2030
35						✓		Work with the Local Resilience Forum to ensure climate change impacts are included on its risk register including specific response measures for key groups	In progress	Ongoing via existing partnerships	2030
36						✓		As Lead Flood Authority, work with the Future Fens Project and Fens Water Partnership, to secure sufficient storage and flood risk management capacity for new and existing buildings and assets on the basis that weather impacts will increase due to human-made climate change	In progress	Ongoing via existing partnerships	2030
37	✓				✓	✓		Work with partners across the public and private sector (e.g. Fenland SOIL) to: - support improvements in the evidence base for Cambridgeshire peatland GHG emissions, soil improvement, research, environmental, social and economic adaptation and reduction of the carbon footprint for our Fen peat landscapes - support partner ambitions (e.g. NFU) to deliver carbon reductions and minimise environmental impacts across the Cambridgeshire agricultural sector	Delivery	Relationships established with a number of existing partnerships. CCC sit on boards of several of these and a project collaborator.	2030
38					✓	✓	✓	Through our Public Health, Social Care and Emergency Planning recovery functions, find ways to help manage the impacts on vulnerable people of severe weather or temperatures, including care homes, to prevent the vulnerable in our communities becoming more susceptible to the impacts of climate change.	In progress	Some elements have been picked up in response to cost of living crisis as well as reactive support following recent extreme weather events, but capacity across teams following CV19 has limited progress to date	none
39			✓	✓	✓			Actively manage the closed landfill portfolio to reduce their environmental impact and identify opportunities to improve biodiversity, create natural habitats and/or generate low carbon energy	In progress	Technical feasibility study underway via ENZ Programme to understand opportunity.	none
40					✓	✓	✓	Work with Cambridgeshire and Peterborough service providers on 'Think Communities' to support and enable our communities to reduce their impact and to build community resilience / Develop place based targeted behaviour change programmes in communities to enable them to reduce their environmental impacts.	In progress	Project ideas scoped. Assessing the support needs of Think Communities team to enable delivery is a key first step. Staff capacity has slowed progress.	
41						✓		Work with partners to develop Natural Flood Management (NFM) projects to allow catchment-wide adaptation to flooding and sea level rise	In progress	Schemes under development.	none
42					✓	✓		Building on work with the Swaffham Prior Community Land Trust, support other oil-based communities to find low carbon heating and hot water solutions to reduce carbon footprints and tackle fuel poverty	In progress	Various projects have been explored with communities and working with FDC on Heat Pump Ready to install ASAHPs. Progress currently piecemeal as reliant on communities to engage/lead	
43					✓	✓		Support residents and communities to access renewable energy technologies. E.g. through collective purchasing schemes, such as solar PV with iChoosr	Delivery	Action on Energy - Launching April 2023, providing supplier lists and funding (where applicable) for domestic energy efficiency. Solar Together delivery has been challenged.	
44	✓				✓		✓	Work with the Local Nature Partnership on the 'Doubling Nature' project and Future Parks Project (FPA), and promote the benefits of blue/green infrastructure for their adaptation benefits to communities	Delivery	Partnerships further developed to support Local Nature Recovery Strategy, and Cambridgeshire & Peterborough Parks Partnership to deliver FPA legacy.	none
45		✓			✓			At each contract renewal, continue to purchase 100% renewable electricity for all buildings and street lighting operated by County Council.	Delivery	Purchasing "green tariff". Exploring mechanisms to self supply to improve green credentials.	none
46		✓	✓		✓		✓	Work with finance and corporate teams to better incorporate climate risk into the annual budgeting process to support wider decarbonisation of service delivery and the communities we support	In progress	Corporate risk register now includes a Climate and Environment risk. Work continues to refine this and ensure the assurance measures included are measurable and appropriate. Integration of climate risk into budgeting processes yet to commence.	ongoing
47	✓	✓	✓	✓	✓	✓	✓	Develop new business models to enable investment into projects supporting mitigation, adaptation, and natural capital. E.g., selling of BNG credits	In progress	BNG credits are progressing via the Lower Valley Farm project, further work on carbon credits is being developed. See also action 9	ongoing

48		✓	✓		✓			Identify and implement mechanisms to improve the data provision for carbon footprinting across all scopes 1,2 and 3	In progress	WS 2 of Net Zero Programme. Additional resource secured. Work ongoing to identify what processes and procedures can be developed to integrate data collection.	
49			✓		✓			Review disposal and treatment mechanisms in use within the waste PFI contract to identify and explore potential solutions that reduce carbon emissions, support circular economy principles, and reduce plastic pollution, in line with the contract timescales. The monitoring and measuring of these reductions will also be required.	In progress	Waste calculator project to find hotspots, explore alternative disposal options. Emergency works to the MBT to ensure compliance with new DEFRA guidance has taken priority	2030
50	✓		✓	✓	✓	✓	✓	Work with schools to support their decarbonisation and improve environmental outcomes, including: - Support schools to retrofit buildings to improve energy efficiency and offering finance mechanisms Including lifecycle heating and hot water replacements in schools to be fitted with low carbon solutions, offering energy performance contracts and heat agreements - Encourage purchasing of 100% renewable electricity - Encourage schools to utilise a full range of waste disposal options (e.g. providing recycling to students) - Provide guidance and advice to all schools to enhance and manage their sites for natural capital, such as SuDS and biodiversity enhancement, including tree planting	Delivery	Various schemes delivering this action are on track: Schools Retrofit Programme is ongoing and two "SuDS in School" pilots & guidance	
51					✓	✓		Work with the Districts, CPCA and GCP to improve air quality by: - Strengthening collaboration within existing partnerships to tackle air quality challenges - Developing a shared vision for air quality improvement approaches that maximise the air quality, carbon, and wider environmental benefits - Tackle poor air quality around schools, using Regulation 3 applications for new Schools, and through developing a pilot for a "no car zone" around a Cambridge School.	In progress	Partnerships continue to strengthen and programme of work developed	
52			✓	✓	✓		✓	All new highways and transport schemes to deliver 20% biodiversity net gain, use low carbon materials where possible and build resilience to climate change into the design.		Proposed to be combined with action 6	
53	✓		✓		✓	✓		Collaborate with the Districts and CPCA to lobby government to: - Incorporate stronger mitigation, adaptation and natural capital requirements into building regulations and the National Planning Policy Frameworks. - Ensure that all nationally significant infrastructure projects assess their climate impacts using both national and local carbon budgets - Improve and extend initiatives and funding schemes for projects to deliver carbon reductions, air quality improvements, adaptation and natural capital improvements, shaping the format of these schemes to enable appropriate funding regimes that provide certainty and longevity to enable business investments - Develop and promote policies to ensure public transport and active transport is more competitive and attractive than the private car - Deliver improvements in legislation around riparian watercourses and drainage provision for new developments - Enable Councils to collect a wider range of materials, especially those that are currently difficult to dispose of, through provision of funding for the additional costs of doing so	In progress	Several consultation and lobbying activities have taken place, but these have been piecemeal and not necessarily collaborative with partners. Potential for the CPCA Climate Action Plan programme board to provide a mechanism for strategic collaborative lobbying activity.	
54	✓		✓	✓	✓	✓	✓	Climate and Environment Education: Work with education teams and schools to deliver key messages to children on climate change, biodiversity, waste and recycling, and what children (and their families) can do to help.	In progress	A COP27 event was held in November 2022 at Sawston VC. This was successful. Focus now on establishing how schools can be supported to make this an annual event, tapping into existing eco-school networks	
55		✓	✓	✓	✓	✓	✓	Workforce/People strategies/policies review and alignment to climate strategy (Job roles, our conversations). Net zero into the recruitment process (advertising, induction process) Induction for new staff - triggered to think about Climate change from the start All staff have an Outcome on net zero and a training objective in their 'Our Conversations		Action from the ENZ Programme. Propose to reword and add into the CCES Action Plan as a new action 56.	
56		✓	✓	✓	✓		✓	Internal Engagement Plan to deliver organisational/behavioural change: Aim : Translating climate/environment/carbon as a priority across the current and future workforce - Understand the behavioural change required across the organisation. Mainstreaming climate change - Senior leadership buy-in and direction in order for this agenda to be seen as fundamental to our business- not just another thing - Harness the energy and talent of the existing workforce to help embed this agenda into our business and champion the change- can we use the existing Change Champions or is everyone a champion? - Visual aids that bring the future to life and make the narrative (policy context) more impactful.. 'a low carbon future looks like...'- i./e. Videos - By way of storytelling/case studies/other, translate to staff how they can contribute to the Net Zero targets in their professional disciplines - make the strategy real for people and achievable in their day jobs - Provide inspiration to act / Consider use of language/ Courage - Build interest (but be mindful of people's capacity for interest)	Delivery	Proposed to be reworded and added to the CCES Action Plan as action 57. Capacity has been built within the ENZ programme to enable delivery.	

