WARWICKSHIRE

SUSTAINABLE FUTURES STRATEGY

DRAFT ACTION PLAN

Warwickshire County Council

This document includes our first phase planned actions to meet our goal of reducing carbon emissions to net zero across the Council by 2030. They are each aligned to the six key themes outlined in the draft Sustainable Futures Strategy. Actions will regularly be updated as progress is made and new ones are identified. Updates on this action plan will be shared via **www.warwickshireclimateemergency.org.uk**

Theme	Activity Area	Objective	Action	Timeframe	Categorisation comment	Enabling Actions
Transport	Council Business Travel	Reduce Council emissions from business travel	Care worker travel - investigate options for better journey/visit planning to stop multiple cross County journeys every day and make visits more efficient. This will reduce emissions. Options could include a digital solution to plan journeys/visits. Also consider including contract conditions on external providers to have a plan to reduce inefficient journey planning	Short-Term	Reduction by 2030, as the increase of efficient care work travel will lead to a direct decrease of emissions associated with business travel	Funding Behaviours Engagement
Transport	Council Business Travel	Reduce Council emissions from business travel	Care worker travel - investigate ULEV and ZEV leasing schemes for care workers, and for contracting staff. Supporting both staff and contactors to change their vehicles will reduce emissions quickly and drastically	Short-Term	This will support the carbon reduction by 2030, as the increase of low carbon vehicles will lead to a direct decrease of emissions associated with business travel	Behaviours Engagement
Transport	Council fleet	Reduce carbon emissions from Council fleet	Replace end of life Council fleet with ULEV and ZEV and low carbon fuels	Long-Term	This will support the carbon reduction by 2030, as the increase of low carbon vehicles will lead to a direct decrease of emissions associated with business travel	Funding Resources
Energy	Council owned buildings	Develop revised Energy Policy and Strategy	Agree a new Energy Policy and Strategy with the objective of accelerating the implementation of energy efficiency measures and renewable energy generation expansion	Short-Term	A new Energy Policy and Strategy in place will provide policies, direction and procedures for how low carbon energy is to be generated and used within council buildings. This will indirectly contribute to decarbonisation of the Council's estate by 2030	Resources

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Energy	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Complete area mapping to identify opportunities for renewable technologies to be installed in Council owned buildings and land	Short-Term	Mapping activity must occur as it enables follow-on feasibility studies and ultimately directly contributes to carbon reduction by 2030	Funding
Energy	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Complete feasibility studies based on the results of the area mapping and generate a list of priority opportunities for renewable technologies	Medium-Term	Feasibilities studies must occur to support the development of options for the installation of renewable technologies	Funding
Energy	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Identify and seek to mitigate planning and grid connection requirements that may present a barrier to implementation of renewable technologies	Short-Term	Through the mitigation of potential barriers, this action will encourage the implementation of renewable technologies, in this way directly supporting the 2030 reduction target	Funding
Energy	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Identify funding and financing options including crowdfunding and community energy funds and create a prioritised list of options including timescales for seeking funding for renewable technologies. Develop renewable technologies implementation plan.	Medium-Term	The plan directly supports the implementation of renewable technologies which directly support the reduction of carbon for the 2030 target	Resources
Energy	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Feasibility study to identify solar PV potential	Short-Term	Identification of the most feasible ways to expand solar PV installations, will support effective implementation of further renewable energy generation, and directly supports the 2030 target	Funding

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Energy	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Work with internal stakeholders and construction partners to identify opportunities to incorporate low carbon electricity and heating systems in new buildings	Short-Term to Long-Term	New buildings incorporating opportunities for low carbon energy generation will directly contribute towards the 2030 target	Resources
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Define approach and scope for further energy efficiency audits and detailed decarbonisation plans of Council owned/ occupied estate	Short-Term	A precursor for completing energy efficiency audits and implementation of actions which in turn support the 2030 carbon reduction target	Resources
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Complete energy efficiency audits and develop decarbonisation plans of the highest consuming Council owned / occupied estate and incorporate findings into decision making for Estates Master Plan (EMP)	Short-Term	A precursor for completing energy efficiency measures which directly supports the 2030 carbon reduction target	Resources
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Review findings of energy efficiency audits and implement decarbonisation plans (we would expect these to include fabric first energy efficiency approaches, lighting efficiency measures, low carbon heating, etc)	Short-Term	Actioning detailed plan to implement the previously identified efficiency measures, will reduce energy use and consequently carbon emissions associated with building use, thus directly supporting the 2030 reduction target	Resources Funding Significant costs for implementation
Built Environment	Council owned buildings	Seek to reduce carbon emissions from the Council's existing buildings	Explore the impact of more flexible working and the opportunity to fully occupy available space (aligned with the existing building utilisation KPI)	Short-Term	Optimisation of energy consumption will lead to a direct reduction in carbon emissions associated with building used, therefore this action directly contributes towards the 2030 carbon reduction target	Resources

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Built Environment	Council owned buildings	Seek to reduce carbon emissions from the Council's existing buildings	Identify opportunities to link upgrade works with other public sector retrofits including engaging with tenants to identify and bring forward targeted energy efficiency retrofits (e.g., through incentives, sharing energy savings)	Short-Term	Identification of the most feasible retrofit opportunities, will support effective implementation of these efficiency measures, leading to a reduction on emissions from building use	Engagement Resources
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Review scope of building management systems, and make updates if required	Short-Term	Optimisation of energy use in Council owned buildings will lead to a direct reduction of associated carbon emissions, and therefore directly supports the 2030 carbon reduction target	Funding Resources
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Develop programme to reduce water wastage	Medium-Term	Through a combined behavioural and maintenance programme we can reduce wastage resulting in carbon and cost savings	Resources Behaviours
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Review and refresh Mechanical & Electrical framework for maintenance contractors and maximise alignment with maintenance strategy and retrofit opportunities	Short-Term	Precursor to the following action	Resources Market conditions
Built Environment	Council owned buildings	Reduce carbon emissions from the Council's existing buildings	Work with suppliers in compliance with the framework, ensuring the new requirements are met	Short-Term	Ensuring that all contractors follow the new low carbon requirements, will lead to a direct decrease in the Council's Scope 3 emissions associated with purchased goods and services, which will indirectly support the 2050 reduction (not the 2030 because purchased goods and services is not part of the Council's baseline)	Conditional on achieving changes to maintenance framework action

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Waste and Circular Economy	Waste Authority	Reduce waste from Council-owned buildings	Introduce food recycling in partnership with the Council's waste contractor throughout all Council owned buildings	Short-Term	The outcome of this action will increase the proportion of Council's waste that will get recycled, and therefore directly contributes towards the 2030 target	Resources Behaviours
Waste and Circular Economy	Waste Authority	Reduce waste from Council-owned buildings	Develop waste strategy for worst-performing buildings including education campaign for staff	Medium-Term	Acting on the developed action plan for worst performing buildings will lead to a reduction of waste generated by the Council, directly contributing towards the 2030 target	Resources Behaviours
Waste and Circular Economy	Waste Authority	Reduce carbon emissions from managing municipal waste	Transition Council-owned waste vehicles from fossil fuel to alternative fuels (e.g., electric) in line with rest of council fleet	Medium-Term	This action will directly lead to a reduction of emissions associated with waste haulage done by the Council, thus directly contributing towards the 2030 target	Resources Funding
Natural Capital and Biodiversity	Environmental Net Gain	Encourage establishment of innovative environmental markets to achieve Environmental Net Gain and fund nature recovery and enhancements across the County by 2050	Seek to establish a local Warwickshire carbon offsetting market between the six Warwickshire Councils and developers where offsets are purchased directly from Woodland Carbon Code projects established in the County, this should be linked directly with all actions set out in the 'Sequestration and storage' activity area.	Medium-Term	Establishing a local carbon offsetting market will encourage the uptake of offsetting, which will support the 2050 carbon net zero target	Resources Funding Policy
Natural Capital and Biodiversity	Environmental Net Gain	Manage, enhance and restore habitats across the County to increase land-based sequestration and contribute to net zero targets by 2030	Establish a carbon offsetting strategy which identifies a shortlist of sites to develop initial schemes on	Short-Term	Establishing a carbon offsetting strategy will encourage the uptake of carbon sequestration, in this way contributing towards the 2050 target	Resources Policy

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Natural Capital and Biodiversity	Sequestration and storage	Manage, enhance and restore habitats across the County to increase land-based sequestration and contribute to net zero targets by 2030	Establish guidelines such as planting and management protocols that means any woodland establishment in the County is applicable for WCC credits	Short-Term	Action will lead to increased carbon sequestrations, contributing towards the 2050 target	Resources Policy
Natural Capital and Biodiversity	Sequestration and storage	Manage, enhance and restore habitats across the County to increase land-based sequestration and contribute to net zero targets by 2030	Identify emerging carbon markets for habitats besides woodland (e.g. for hedgerows, saltmarsh and soils) and where these habitats are located within the County. This will prepare the County for when these markets become active.	Short-Term	Action will lead to increased carbon sequestrations, contributing towards the 2050 target	Resources
Natural Capital and Biodiversity	Sequestration and storage	Manage, enhance and restore habitats across the County to increase land-based sequestration and contribute to net zero targets by 2030	Ensure the County's natural capital accounts are recording the annual sequestration rates of all habitats in the WCC portfolio	Long-Term	Action will lead to increased carbon sequestrations, contributing towards the 2050 target	Resources