

Ambition 1 - Net Zero Carbon Council 2025: ensure the new South Warwickshire Council is net zero carbon within a year of its first elections and that services provided through contractors include carbon reduction targets to deliver net zero by 2030.

Theme	Target Annual Carbon Savings by 2025/2030	Commitment	Action	Start Date	End Date	Progress Update March 2022	R.A.G Rating
1 Decarbonising Council Buildings	3251.14 tCO2e by 2025	1.1 By February 2022, we will develop a fully costed Heat Decarbonisation Plan (HDP) comprising a programme of works for decarbonising all Council Buildings.	Appoint a qualified surveyor or consultant to prepare a Heat Decarbonisation Plan.	01/10/2021	31/10/2021	The Assets Decarbonisation Strategy was agreed at Cabinet in February 2022. However, at that stage, the future of Elizabeth House was unknown. Looking ahead, it is intended to focus decarbonisation measures on EH.	
			Complete Heat Decarbonisation Plan.	31/10/2021	15/01/2022		
		1.2 Deliver the HDP by establishing a Building Decarbonisation Fund for three years (2022/23; 2023/24; 2024/25).	Apply for PSDF Phase 3 and any future rounds of the PSDF	01/10/2021	04/11/2021	An investigation is being commissioned to explore a new heating system and insulation at Elizabeth House which may be eligible for the next round of Public Sector Decarbonisation Fund - expected in Summer 2023.	
			Deliver HDP.	01/04/2021	31/03/2025		

			Apply net zero carbon building standards to new Council offices.			This action is no longer applicable as there is no planned office move.	
		1.3 Where the measures implemented in year 1 result in revenue savings as a result of reduced energy costs, these savings will be used to supplement the delivery of the Building Decarbonisation Fund.	Actions to deliver this commitment to be reviewed in 2022.	Jun-22		To date there have been no substantial savings, not least as a result of increased energy costs. These are reviewed on an ongoing basis.	
		1.4 We will ensure all electricity used by the Councils is from renewable sources.	Explore off-taker arrangements through direct wire or Power Purchase Agreements with local renewable energy providers.	Oct-21	31/12/2022	The Council already uses a renewable electricity tariff. However, there has been no progress on bringing forward a local renewable Power Purchase Agreement. This will be considered	

2 Decarbonising Council Travel			Explore the potential to utilise roof space on Council assets to generate electricity in partnership with a local Community Energy Company.	Dec-21	31/03/2024	as part of the plans for Elizabeth House.	
		1.5 Any residual carbon emissions arising from Council buildings after 2025 will be balanced by either direct investment in equivalent renewable energy generation projects or in a recognised local carbon offsetting fund.	Actions to deliver this commitment to be reviewed in 2023/24. Link to carbon market development (see Funding Strategy). Liaise with WPD.	31/12/2024	2025	The WCC carbon offset scheme is to be launched in April 2023 and could be used as the basis for SDC's carbon offsetting from that date forward.	
	252.8 tCO2e by 2025	2.1 We will ensure all the vehicles fleet directly operated by the Councils is fully electric by 2025.	Prepare a comprehensive vehicle decarbonisation plan for mileage undertaken on Council business.	01/10/2021	31/12/2021	No update.	
			Review operational requirements of each vehicle with service managers to ensure EV is feasible.	Sep-21	31/12/2021		

			Assess EV charging infrastructure requirements (numbers, speed, locations).	Sep-21	31/12/2021		
			Provide EV charging infrastructure as required.	Sep-21	31/12/2021		
			Procure an EV Charger Installer, either as South Warwickshire or in line with WCC.	01/01/2022	31/12/2022	See ambition 2, Commitment 1.3.	
			Ensure that wherever feasible, vehicles are switched to EV when current leases end (or where operational requirements prevent this, the lowest carbon alternatives).	01/10/2021	31/03/2022	Subject to charging capacity, a switch to hybrid vehicles is being explored and implemented for new leases.	
		2.2 We will incentivise staff to undertake business journeys by bike, foot or public transport where this can be achieved efficiently and without impacting on service quality.	Promote the "Choose how you move" initiative through Better Points for staff	Current	Summer 2022	SDC have not taken part on Better Points for 2023. However, WDC will be procuring a new contract during 2023 and SDC will be invited to come on board at that stage.	
			Consider the procurement of a similar South Warwickshire Active Travel initiative across South Warwickshire beyond 2022.	Summer 2022	Potentially on-going		

		<p>2.3 We will enable staff to switch personal vehicles that are used on Council business to electric vehicles by</p> <ul style="list-style-type: none"> • Incentivising the lease and or purchase of electric vehicles; • by March 2022, carrying out a building by building EV charging infrastructure needs assessment including number of chargers required; power supply assessment and upgrades etc; • Ensuring sufficient EV charging infrastructure is available at, or close to, places of work. 	Procure "Tusker" or similar for a salary sacrifice lease car scheme to encourage staff to procure EV's.	2022/23		There has been no progress on this.	
			Ensure that the South Warwickshire authorities work as early as possible with local Distribution Network Operator (DNO), Western Power as a partner as early as possible.	2021	2022	Power supply may be an issue in some locations. However detailed requirements and costs can only be assessed as schemes are worked up.	
			Develop a green travel plan in association with the relocation to new office buildings.	2022	2023	Not applicable as there is no office relocation.	

		2.4 Any residual carbon emissions arising from Council travel after 2025 will be balanced by either direct investment in equivalent renewable energy generation projects or in a recognised local carbon offsetting fund.		2025	2028	Not a priority with first 3 years of the programme.	
3 Decarbonising Council Contracts	4729.0 tCO2e by 2030	3.1 We will ensure all new major Council contracts incorporate a Carbon Reduction Plan to demonstrate progress towards net zero operations by 2030 and will manage progress on these Plans throughout the life of the contract.	We will ensure all new major Council contracts incorporate Carbon Reduction Plan to demonstrate progress towards net zero operations by 2030.	2021	2030	A Carbon Reduction plan has been included in the joint SDC/WDC waste collection Contract and SDC's street cleansing contract. It will also be included in SDC's new grounds maintenance contact.	
			We will work with contractors holding existing contracts to annually agree carbon reduction measures to be delivered.	2021	2030	See Above. Carbon Reduction measures are included in SDC's leisure management contract.	
		3.2 We will explore opportunities to work with existing contractors to invest in processes, facilities and infrastructure to minimise carbon emissions - including for instance leisure centres, depots, vehicles and equipment.	Ensure light vehicles within the new waste contract fleet (due to start from August 2022) will be electric vehicles.	Aug-22	2029	There are 6 non-frontline electric vehicles used on the joint SDC/WDC waste contract. (2 x Workshop Vans and 4 X Supervisor Vans)	

			<p>As required by through the contract, work with the new waste contractor to develop a plan for decarbonising the vehicle fleet during the life of the contract including alternative fuels (such as HVO); introducing new or converted electric or hydrogen vehicles; supporting the development of necessary infrastructure for alternative fuels.</p>	<p>Nov-21</p>	<p>2029</p>	<p>Now that the waste contract is in place, discussion have commenced to explore the potential for alternatives fuels to diesel for the RCV fleet. This includes consideration of Hydrogenated Vegetable Oil (HVO) and use of hydrogen as a dual fuel to be used alongside diesel. Discussions have also commenced with Everyone Active to consider the potential for decarbonising the leisure centres, especially water and space heating.</p>	
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		3.3 Review procurement policies and practices to ensure climate change mitigation and adaptation are incorporated into specifications, are given weight in evaluations and are managed throughout the life of the contract.	Review the Procurement Strategy, Procurement Code of Practice and other operational procedures relating to procurement to ensure that social value and in particular climate change are considered in procurement processes and are given significant weight in the evaluation of tenders.	Apr-21	Jul-21	Not Applicable.	
			Provide training to ensure that contract management staff are aware of climate change issues and opportunities and are able to effectively manage carbon reduction plans during the lifetime of contracts.	Jul-21	Oct-21	SDC's contract management staff are fully aware of this.	
4 Council Finance	N/A	4.1 We will review the funds in which the Councils' hold their cash to divest from all fossil fuels.	Take a report to SDC's Cash Working Party to explore options for divesting from fossil fuels. This will include an appraisal of potential financial impacts.	2021	Apr-23	No Update Received.	

			In line with the agreed commitments set out in WDC's CEAP, we will switch WDC's investments away from fossil fuels funds by April 2023.	2021	Mar-22		
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Ambition 2 - Low Carbon South Warwickshire 2030: to reduce net carbon emissions from across South Warwickshire by a minimum of 55% by 2030 and alongside this, plan how to further reduce carbon emissions to net zero by 2050.

Theme	Target Total Carbon Savings by 2030	Commitment	Action	Start Date	End Date	Progress Update March 2023	R.A.G Rating
1 On Road Transport	3192 ktCO2e (this includes the contribution made by aviation)	1.1 Travelling shorter distances: we will work with our partners and communities to reduce the average number of miles travelled by car per person by 25% by 2030.	Ensuring the SWLP spatial strategy and policies minimise the need to travel to access employment, schools, services and leisure.	2021	2024	Carbon impact assessment report of the spatial options has been completed and is a key part of the evidence for the Issue and Options consultation being planned for. SWLP Issues & Options to be considered by Joint Committee in Dec 22 with a recommendation to undertake public consultation in Jan/Feb 23.	
			Supporting our staff to continue to work from home where this is possible and encouraging other organisations to do likewise.	2021	Ongoing	SDC have agreed and implemented a hybrid working approach based around staff working 40% of their contracted hours in the office. A hybrid working procedure has been developed to support the approach.	

		1.2 Driving less: we will work with our partners and communities to increase the percentage of journeys undertaken by foot, bicycle or public transport from 20% to 25% by 2030.	Proactively work with Warwickshire County Council to ensure the Local Transport (LPT4) Plan proposals for South Warwickshire prioritise alternatives to cars wherever possible.	Present	2022	SDC has formally responded to WCC's consultation on LTP4.	
			Promote "Choose How You Move" initiative (Better Points) within Warwick District as way of incentivising active travel and public transport.	Present	Summer 2022	Not Applicable.	
			Consider the procurement of a continuation of a similar "Choose How You Move" initiative going forward as South Warwickshire and/or with neighbouring authorities.	Start of 2022	Summer 2022	SDC have not taken part of in Better Points for 2023. However, WDC will be procuring a new contract during 2023 and SDC will be invited come on board at that stage.	
			Launch an e-cargo bike hire scheme within the Stratford District Area.	Present	Spring 2022	This has been launched and is underway. Not all of the E-Cargo bikes are currently in use. The scheme will be readvertised to those who have previously registered	

						an interest in the coming weeks before a wider readvertising later in Spring.	
			Use data from SDC eCargo Bike to consider expansion of the scheme to Warwick District.	2022	2023	Not Applicable.	
			Explore the options of a cycle route through Abbey Fields Park, Kenilworth linking into National Cycle Route 52.	Present	2022	Not Applicable.	
			Based on the LTP, develop a shared local strategy for active travel by strengthening cross-sectoral working between WCC and South Warwickshire, as well as key local agencies.	Present	On-going	LTP4 policies currently out for consultation by WCC Generally supportive of active travel, but yet to deliver progress on a local strategy for active travel.	

			Encourage the introduction and use of local car clubs (and e-car clubs) through close collaboration with the car club providers, WCC and Active Travel charities.	Present	On-going	Some initial conversations with current car club providers. Limited progress at present.	
			Implement A Park and Ride in Warwick.	Present	2023	Not Applicable.	
			Explore the potential with WCC for Park and Ride Schemes within South Warwickshire that also act as wider hubs for sustainable travel (Mobility Hubs).	2023	Ongoing	Not Applicable.	

			Explore the implementation of a bike share model within South Warwickshire that best suits our area, either unilaterally or in partnership with other schemes with the West Midlands area.	Present	On-going	Not Applicable.	
			Work with WCC and other relevant organisations, alongside local charities/pressure groups to produce a network of suitable cycle routes.	Present	On-going	We have Liaised closely with WCC and have commented on formal consultations i.e. Local Cycle and Walking Infrastructure Strategy (LCWIP) and LTP4. Cycle routes have been prioritised within 2023/24 CIL allocations.	
			Work in partnership with WCC, neighbouring authorities, transport providers and other key stakeholders to improve active travel and public transport options for rural communities.	Present	On-going	Outside of E-Cargo Bikes, no further work within SDC.	

			Explore ways to improve high speed broadband connections in rural areas, potentially utilising 5G.	Apr-22	2029	No progress.	
		1.3 Switching to low carbon vehicles: where residents and business need to rely on road vehicles, we will seek to support an increase in the percentage of Ultra-Low Emission Vehicles owned by residents in south. Warwickshire from 2.9% in 2019 to 89% by 2030.	Actively liaise with WCC to ensure the proposed new Local Transport (LPT4) Plan proposals for South Warwickshire include infrastructure for low emission vehicles.	Present	2022	SDC have formally responded to WCC's consultation on LTP4.	
			Work with WCC to encourage and enable the use of Ultra Low Emission Vehicles (ULEV) within South Warwickshire through contributing and agreeing a coherent strategic direction for the County and as a consequence South Warwickshire.	Present	Ongoing	A South Warwickshire EV Infrastructure Strategy was approved by WDC and SDC Cabinets in July. A further paper will be presented to respective cabinet meetings in February 2023 with a view to procuring a provider during 2023.	
			Ensure the SWLP includes robust policies to require EV charging infrastructure for new developments.	2021	2024	Included in issues for consideration for the South Warwickshire Local Plan.	
			Explore the potential for the introduction of electric taxis.	2022	Onwards	No progress yet.	

			Work alongside WCC and partners to ensure that the proposed work on the Leamington Railway Station forecourt for the Commonwealth Games provides a sustainable travel hub going forward.	Present	Ongoing	Not Applicable.	
			Liaise and work with third parties such as Housing Associations and Local Interest Groups on how they can contribute to EV Infrastructure requirements.	Present	Ongoing	An advertisement was placed with the Warwickshire Association of Local Councils Newsletter requesting pilot parishes to work with on the potential provision of EV charging within village hall car parks. Two parish council have been lined up within SDC area.	
		1.4 Improving freight emissions by reducing the emissions per mile by 75% and reducing on road freight mileage by 9%	Explore potential for autonomous (driverless) pods to enable mobility and deliveries.	2022	2023	No progress yet.	
			Implement the e-cargo bike loan scheme within SDC with the potential to undertake similar schemes across South Warwickshire.	2022	2025	As referred in in commitment 1.2.	

2 Aviation			Support the low carbon "Last Mile Delivery" concept in South Warwickshire Towns.	2022	2025	No further updates.	
			Undertake feasibility work on a "Hydrogen Hub" (see theme 7 below).	2021	2025	Not Applicable.	
	2.1 Reducing aviation emissions. Consideration as to whether we can influence emissions from aviation.		Potentially work with Coventry Airport and Wellesbourne Airport to help reduce their on-site CO2 emissions i.e. ULEV on-site transport, investing in sustainable energy/lighting etc.			This is not currently a priority.	
			Work with the tourism sector to reduce the impact of this sector within South Warwickshire and adopt environmentally friendly policies and potentially a green tourism certification system			Discussions have been taking place with Shakespeare's England regarding the potential to reduce the climate impact of tourist attractions in south Warwickshire.	

		3.1 We will deliver a deep carbon retrofit of all Council owned dwellings below EPC C by 2030.	Implement new software to map EPC ratings of all Council owned properties to inform investment decisions.	2021	2022	Not Applicable.	
			Social Housing - Develop a Retrofit Strategy.	2021	2022	Not Applicable.	
			Identify a programme of works to deliver the Retrofit Strategy.	2022	2030	Not Applicable.	
			Continue to apply for external funding sources from BEIS (eg LADs) and other organisations and match against £18m Housing Improvement Programme monies available.	2021	Ongoing	SDC has successfully delivered measures under the LADS 1B and LADS 2 schemes. Work is currently underway for the LADS 3 and HUGS 1 schemes. Strategy being devised for off gas properties under HUG 2 which has a fabric first approach to address carbon reduction which is	

						an intrinsic part of the scheme delivery.	
			Social Housing - Assess solar PV and solar thermal suitability for every property.	2021	Ongoing	Not Applicable.	
		3.2 We will work with local Housing Associations in accessing and utilising funding to deliver a deep carbon reduction retrofit of all Council owned dwellings below EPC C by 2030.	Support Housing Associations and work together on consortium bids to maximise funding available to all residents living in social housing.	2021	Ongoing	SDC has actively supported Orbit Housing with the Social Housing Decarbonisation (SHDF) Demonstrator Project and the SHDF Wave One project. Our future strategy will complement their Wave Two activity.	

		<p>3.3 We will support landlords and homeowners to improve the energy performance of their properties including exploring funding opportunities such as through BEIS schemes and others.</p>	<p>Develop and expand advice and support service for landlords and homeowners by providing and publicising support with retrofitting their property through organisations such as Act on Energy.</p>	2022	2025	<p>A presentation was made to the Landlords Forum on 28 September 2022. A number of private landlords are accessing grant funding through the Sustainable Warmth Competition. Further work will be undertaken to keep this issue to the fore, particularly as regulations in connection to renting lower banded properties come into force. There are a large number of owner occupied properties receiving grant funding. Act on Energy (AoE) is providing great support for the LADS and HUGs schemes. AoE are exploring with partners how we can provide greater levels of support to help landlords understand how they can improve the EPC rating of their properties to be compliant with the MEES regulations. In respect of the cost-of-living crisis AoE are focusing on how homeowners can change behaviour and also improve their understanding of energy billing so they can make more informed decisions</p>	
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						<p>on energy usage and AoE are delivering a just transition to zero carbon for residents and helping to limit the impact of fuel poverty.</p> <p>In addition, whilst fabric measures are taking place, we are supporting residents by supporting fuel poverty work – which includes a fund and support for Act on Energy’s Complex Case Worker.</p>	
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			<p>Review building conservation policies to ensure an appropriate balance is achieved between protecting the significance of heritage assets whilst enabling retrofitting of homes to reduce carbon emissions (such as rooftop solar or cavity wall insulation).</p>	2022	2024	<p>This review is being undertaken as part of the preparation of the South Warwickshire Local Plan which will have climate change at its heart. It will include a new suite of climate friendly planning policies and guidance on how to strike the balance with heritage and conservation objectives. The plan is currently at Issues and Options Stage with adoption of Part 1 currently expected by end of 2025.</p>	
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		3.4 Promoting help and support available through Act on Energy.	Behaviour change campaign to be developed and launched. Every household to be aware of support available to decarbonise their home.	2022	2025	Campaign not yet started, but discussions beginning about an 'Able to Pay' work.	
		3.5 We will ensure all new houses (whether for affordable or market) that are developed by the Council will be net zero carbon in operation once the electricity grid is fully decarbonised.	All section 106 sites acquired by the Councils for social housing to be built to enhanced carbon reduction standards, applying the standard used for Europa Way as a minimum.	2021	Ongoing	Not Applicable.	

			Where the Councils are developing housing sites, net zero carbon in operation design will be applied.	2021	Ongoing	Not Applicable.	
			Explore how to effectively address embodied carbon in Council developments (e.g. reusing material; modern methods of construction etc).	2022	Ongoing	Not Applicable.	
			For all housing delivered by or behalf the Councils, management and monitoring processes will be put in place to ensure the in-use performance gap is within specified tolerances.	2021	Ongoing	Not Applicable.	

		3.6 We will require new build housing to be net zero carbon in operation through the introduction of planning policies (WDC NZC DPD and SWLP) which set clear building standards for energy efficiency, heating systems, renewable and low carbon energy sources and (if necessary) carbon offsetting.	For Warwick District a Net Zero Carbon Buildings Development Plan will be prepared for examination and adoption 2022.	2021	2022	Not Applicable.	
			For Stratford District, the development checklist to enable developers to demonstrate compliance with the Climate Change SPD will continue to be used.	2021	2022	This is being used in considering planning applications.	
			In preparing the South Warwickshire Local Plan an evidence base will be collated to justify robust policies to require net zero carbon buildings for all new development, taking account of sustainable building material, methods of construction, to address embodied and construction carbon emissions.		2021	2023	SWLP Issues & Options is currently out to consultation. A climate change baseline report has been undertaken to inform the Plan. The SWLP will take a lead from the NZC DPD to inform policies on NZC buildings.

4 Non-Domestic Energy	796 ktCO2e	4.1 We will work with partners and businesses to improve energy (thermal and electrical) efficiency in non domestic buildings to enable a 17% reduction in space heating and hot water by 2030 and 10% increase in electric fuel.	Develop a network of public sector and educational partners to explore approaches to improving thermal efficiency including the potential for utilising savings for further investment in carbon reductions.	2022	Ongoing	A programme of business webinars has taken place through Sustainability West Midlands. These had some success, but attendance was lower than had been hoped. A review is currently taking place with SWM to consider future programmes targeted at businesses.	
		Work with business organisations and networks to explore barriers to investment in thermal efficiency for businesses and to promote the financial, environmental and reputational benefits of thermal efficiency measures.		2022	Ongoing	WCC have launched a Business Decarbonisation grant scheme.	
		Encourage businesses and other institutions to connect to local 100% renewable sources of electricity (e.g direct wire or local Power Purchase Agreements) (see also theme 7 below).		2022	Ongoing	No progress.	

			Work with WMCA, CWLEP, WCC and other partners to develop an energy efficiency advice service for businesses.	2022	Ongoing	No progress.	
			Consider retrofit grant/loan scheme for assets managed/owned by community groups and town and parish councils.	2022	Ongoing	The Local Climate Engagement scheme is taking shape and initial events will take place in the from June onwards. A key focus of this will be how the District Council can support local action including potential energy and retrofit projects.	
			Work with Sustainability West Midlands or similar networking organisation to develop (or expand an existing) a Greener Business Network as a forum for good practice, learning and knowledge sharing.	2022	Ongoing	This is under review with SWM following the learning from the business webinars.	
		4.2 We will work with partners and businesses to enable 39% of non domestic buildings to shift off gas	Ensure new buildings that are supported or funded by the Councils utilise non-fossil fuel based heating systems	2022	Ongoing	No new proposals have been developed over last six months.	

		heating to low carbon or electric by 2030.	Incorporate policies in to the SWLP to support low carbon infrastructure for new commercial developments, including District Heating schemes.	2021	2024	Climate change consultants have completed baseline assessment and this will be published alongside SWLP Issues & Options document.	
			Explore the potential for investment in District Heating systems which local businesses can connect to including the Stratford Canal Quarter.	2022	2025	SDC are currently scoring tender responses and intend to award before mid-March. This is for specialist project management to develop a business case for a heating network.	
			Review discretionary business rates policy to incentivise carbon reduction and disincentivise carbon hungry buildings.	2023		No progress.	
5 Waste	8 ktCO2e	5.1 As part of the new waste contract, we will introduce a new 1-2-3 collection service which will seek to reduce greenhouse gas emissions from waste.	Mobilise the new waste contract.	2021	2022	In progress.	
		5.2 We will invest in a new local Multi-Recycling Facility.	Continue to be an active partner in the development of the Warwickshire and Coventry MRF.	2021	2023	In progress.	

6 Land Use and Natural Assets	90 ktCO2e	See Ambition 3, themes 1, 2, 3, 4.				Development of woodlands and other natural assets can make contributions to carbon capture. However, the primary climate change benefits of trees and natural assets relates to climate change adaptation. Actions relating to this theme are therefore incorporated into Ambition 3.	
7 Energy Supply	2,088,000 tCO2e	7.1 We will support an increase renewable energy generation across South Warwickshire from approximately 121MW capacity in 2019 to 730MW capacity by 2030.	Encouraging additional large scale solar generation by introducing policies within the South Warwickshire Local Plan which support renewable energy generation infrastructure.	2021	2024	The SWLP Issues & Options document includes a section on large scale renewable energy generation and battery storage. This includes consideration of solar and wind power, decentralised energy systems and carbon sequestration.	
			Appoint project officer to develop New House Farm Low Carbon Development and associated solar generation.	2021	2025	Not Applicable.	

			Incentivising additional large scale solar generation in rural areas by exploring ways to accelerate renewable energy generation through utilising public funds – particularly where this gives rise to a potential ongoing income source and /or savings.	2021	2025	No progress.	
			Specifically explore a local renewable energy generation source to provide an energy source for a new hydrogen production facility.	2021	2025	Not Applicable.	
			Delivering and supporting rooftop solar generation on public buildings including the potential to export surplus generation to the grid or other local uses by a) working with public sector partners; b) reviewing all SDC buildings to consider the potential for roof top solar energy generation; c) exploring the potential to partner with community energy companies.	See Ambition 1		Rooftop solar being considered for Elizabeth. Initial discussions about rooftop solar for leisure centres have also commenced with Midlands Net Zero Hub to explore potential.	

			Encouraging new homes and commercial/institutional buildings to install rooftop or other small scale solar generation through planning policies that require net zero carbon buildings including implementing the NZC Building DPD in Warwick District and incorporating policies with the South Warwickshire Local Plan.	2022	2025	Whilst the development of the SWLP is still at a relatively early stage, consideration has been given to the issues and options for policies relating to new building standards. As the SWLP moves forward to policy drafting, it is expected this will be fully addressed.	
			Ensure SWLP provides policies which support the retrofitting of rooftop solar and other low carbon technologies on existing buildings, including effect policies to achieve appropriate carbon reductions in conservation areas and other heritage assets.	2022	2025	See comments in 3.3 above.	
			Setting an example by ensuring Council new developments incorporate solar energy generation.	Ongoing		Whilst there is no active scheme for which this is relevant, Solar generation will be incorporated into new SDC developments wherever possible.	
			Lobbying developers, housebuilders and the government to introduce policies and practices which incorporate the use of renewable energy	2021	2023	No Update Received.	

			generation in all new developments.				
			In conjunction with the allocation of Local Plan sites and supported by Local Plan policies, undertake a study of renewable heat sources that can be used to provide low carbon, low cost heating for new homes on allocated sites.	2022	2022	Incorporated in the brief for the Climate change consultants that have been appointed to prepare the relevant evidence base to support SWLP carbon reduction policies. This specific work hasn't started yet but will form part of the work at the next stage.	
			Investigate the potential for solar canopies over car parks, including for the Stratford Leisure Centre Car Park	2022	2024	Draft report for solar canopies at Stratford Leisure Centre has been undertaken. The assessment of the technical application of the proposal has not commenced. Due to practical implementation concerns, at present there is no further activity planned for this scheme.	

			Liaise with WPD to ensure there is grid capacity to support additional generation and demand - and working WPD develop a strategic approach to future investment in local power connections.	2022	2022	WPD is part of network of key infrastructure providers that the SWLP officer teams has met in the last six months as part of ongoing work on the SWLP.	
		7.2 Recognising the importance of green hydrogen as a low carbon fuel, we will explore the feasibility of a green hydrogen production, storage and fuelling facility in south Warwickshire.	Explore sites within the vicinity of M40 motorway junctions that could support hydrogen infrastructure.	2021	2025	Not Applicable.	
			Undertake a full feasibility study / business case for hydrogen production including generating both demand and supply.	2021	2022		
			Explore the potential for external funding (government/private sector) as a way of funding local hydrogen infrastructure and as a way of generating demand.	2022	2025	Not Applicable.	

			Implementation of a hydrogen hub in South Warwickshire.	2023 to 2025	TBC	Not Applicable.	
8 General	N/A	8.1 Work to ensure we enable others to play their part in supporting carbon reduction.	Develop and maintain a communications and community engagement strategy.	2021	2030	A programme of community engagement in rural communities is being developed and will begin to rollout across South Warwickshire from June 2023. Communications and Engagement continue to take place in line with the agreed communication and engagement strategy.	
			Continue to lobby national government on all elements that have identified "national support requirements".	2021	2030	No Update Received.	
			For all unfunded actions, proactively work to identify external sources of funding, including grants.	2021	2030	Recruitment underway to recruit to a new Climate Change Officer post for SDC to lead on this work.	

Ambition 3 - Adaptation 2050: by 2050 to enable our environment and communities to have adapted to the potential of at least a 3 degrees rise in global temperatures by 2100.

NB: The proposals below are based on the National CCRA3 and will be reviewed in light of more local data provided by the Met Office

Commitment	Action	Start Date	End Date	Progress Update March 2023	R.A.G Rating
0.1 Appoint a Climate Adaptation Project Officer to manage relationships and projects associated with this ambition.	Appoint a Climate Adaptation Project Officer (CAPO) to manage relationships and projects associated with this ambition.	2022	Jul-05	WDC Officer in post. There is some capacity to draw on her time through an SLA if required.	
1.1 We will use the Met Office data to incorporate planning policies in the SWLP which protect key species; enhance connectivity of habitats and encourage investment in new and important ecological assets.	Analyse Met Office data to identify key risks for the environment.	Oct-21	Dec-23	The update of the Met Office "City Packs" was released in August 22. Any outputs from the Met Office will be used as part of the wider climate change analysis being undertaken to support policy development of the SWLP. Independent expert advice is being obtained to understand the climate change implications of different policy and strategy options in the SWLP.	
	Work with key partners to work up an evidence base in relation to each key risk.	Jan-22	Oct-23	Active involvement with partnership working through the West Midlands Climate Adaptation Group which allows us to work with partners (e.g NFU, SWM, Environment Agency) to build up a regional evidence base.	

	Incorporate policies in the draft Local Plan to respond to the evidence base.	Oct-22	Mar-23	SWLP Climate change consultants have provide evidence to support the inclusion of climate resilience policies in to the Issues and Options consultation.	
1.2 We will use the development management process to ensure investment in resilient ecological assets and planting schemes that accommodate predicted changes to weather patterns.	Provide training for Development Management staff and planning committee members in relation to the risks identified by the Met Office to enable Local Policies relating to adaptation to be applied rigorously.	Dec-22	TBC	No progress.	
1.3 Based on the Met Office data, we will review tree strategy and open spaces management plans to take account of the need for resilient and ecologically diverse enhancements.	Undertake a review of the tree strategy to ensure our approach utilises resilient species which enhance biodiversity.	Apr-22	TBC	Not applicable.	
	Review the management plans for major opens spaces and parks to ensure enhancements incorporate resilient species which improve biodiversity.	Apr-22	Dec-23	Not applicable.	

1.4 Tree planting Programme	Based on the 2021/22 pilot, prepare a plan to deliver this commitment.	Underway	2030	Not Applicable.	
	Establish a delivery partner with experience of large scale tree planting.	2021	2022	Discussions have been taking place with Heart of England Forest to partner with them to deliver tree planting. This has not yet been established and further work on the scope and costs are required.	
	Ensure costs and arrangements for maintenance are incorporated in all tree planting projects.	2021	Ongoing	This will be included in all tree plantings scheme undertaken directly by the Council.	
	Consider the potential to promote the use of land for tree planting as a sustainable crop (e.g. a local building material?).	2022	Ongoing	No specific progress at this stage. Commercial opportunities of tree planting to be explored.	

2.1 Use Met Office data to plan investment in planting and infrastructure in flood defences, drainage and soil protection.	Work with EA and other partners to identify priority infrastructure investments.	TBC	TBC	No update. This will be worked up in further detail when the CCAP is reviewed during 2023.	
	Make funding bids to deliver opportunities to deliver infrastructure priorities.	TBC	TBC	No update. This will be worked up in further detail when the CCAP is reviewed during 2023.	
	Incorporate policies in the SWLP to enable the delivery of necessary infrastructure related to new developments.	2021	2024	The climate change evidence base prepared for the Issues and Options consultation provides the basis for this. However detailed work will be undertaken at future stages of the SWLP process.	
	Identify vulnerable land close to watercourses which can be used for flood prevention and biodiversity and work with partners to enhance these areas.	2022	2024	The climate change evidence base being prepared for SWLP provides the basis for this. This will be worked up in further detail when the CCAP is reviewed during 2023.	
2.2 Work with partners to support our agricultural sector in adapting and diversifying.	Liaise with the NFU to identify risks to agricultural productivity in South Warwickshire.	TBC	TBC	Several meetings have taken place with the NFU. They are progressing with practical advice for the farming community in south Warwickshire.	
	Support agricultural sector in adapting practices to manage these risks and identify natural infrastructure investments that will mitigate the risks.	TBC	Dec-21	The NFU are leading this area. No direct support required at present, but there will be ongoing liaison.	

	Based on the data, incorporate policies in the draft Local Plan to support the agricultural sector to diversify in a way that enhances soil health, biodiversity and enjoyment of the countryside.	Oct-21	Dec-21	See 1.1 above in respect of Met Office data. It is expected that detailed policies to support the agricultural sector and agricultural diversification will be included in "part 2" of the SWLP (not yet started). Policies to support biodiversity will be included in part 1 of the SWLP (in preparation). Timescales therefore need to be deferred for this action.	
2.3 Ensure up to date evidence and planning policies and decisions to protect high quality agricultural land and to prevent development which exacerbates soil damage.	Analyse Met Office data to identify key risks for the environment.	Oct-21	Jul-25	Ongoing. Initial high level data received through Met Office 'City Pack' offer but further data/analysis required. WDC's Climate Adaptation Officer has undertaken Met Office data training to provide local capacity to do this.	
	Work with key partners to work up an evidence base in relation to each key risk.	Jan-22	Jul-25	SWLP evidence base (including Sustainability Appraisal) will ensure that proper consideration is given to the need to protect high quality agricultural land in any decisions relating to the development strategy and allocations in the SWLP.	
	Incorporate policies in the draft Local Plan to respond to the evidence base.	Oct-22	2024	Not relevant at current stage of the SWLP process.	
3.1 we will seek to maintain existing natural carbon store and	See 1.4 above. See also commitments 1.1; 1.2; 1.3.			As per updates in 1.1-1.4.	

sequestration and will add to this where possible (see Ambition 2, theme 6)	Identify significant natural carbon stores in South Warwickshire and seek to protect and enhance these as part of the Council's approach to managing green spaces and natural assets.	2022	2025	WCC have undertaken an initial appraisal of carbon stores as part of their natural capital project.	
	Incorporate planning policies in the SWLP which give weight to the protection of significant natural carbon stores within South Warwickshire.	2021	2024	SWLP evidence base (including Sustainability Appraisal) will ensure that proper consideration is given to the need to protect significant carbon stores within South Warwickshire through the SWLP.	
4.1 We will work with partners to support our agricultural sector in adapting and diversifying.	See 2.2 above.	TBC	TBC	Commercial tree planting can be incorporated into future partnership arrangements (see 1.4 above). However no practical progress at this stage.	
4.2 we will enable tree planting and other natural means of protecting soil and managing flood risks, including ensuring the species used are adaptable to climate change themselves.	See 1.4 above.		Dec-23	No update.	

4.3 We will develop planning policies and decisions to protect high quality agricultural land and to prevent development which exacerbates soil damage.	Work with key partners to work up an evidence base in relation to each key risk.	Jan-22	Jul-25	See 2.3 above. SWLP Issues & Options public consultation is underway.	
	Incorporate policies in the draft Local Plan to respond to the evidence base.	Oct-22	Jul-25	See above.	
5.1 We will encourage local food production, including allotments etc.	Incorporate policies in the draft Local Plan to ensure allotments are prioritised as part of green infrastructure.	Oct-22		No update. To be addressed at future stage of the Local Plan.	
	See 2.3 above.			Not relevant.	
5.2 We will consider how we can support local storage and local low carbon distribution networks.	TBC	2022	2025	SWLP Issues & Options document will include questions on diversifying the local economy. WDC and SDC are also currently preparing a South Warwickshire Economic Strategy to consider this further. This is now approved for public consultation.	
5.3 Through the South Warwickshire Economic Strategy, we will support diversification of the local economy.	TBC	2021	2022	Diversification of the rural economy has been included in the draft SWES.	

5.4 We will support vulnerable residents, including those in fuel poverty.	Include in review of Fuel Poverty Strategy and Health and Wellbeing Strategy.	2023	2024	Not Applicable.	
6.1 We will maximise local renewable energy production including utilising this locally, including for Council services.	See ambition 2, theme 7.			As per updates in ambition 2, theme 7.	
6.2 We will increase local, directly supplied energy from a variety of sources.	See ambition 2, theme 7.			As per updates in ambition 2, theme 7.	
6.3 We will work with National Grid and Western Power Distribution to enhance resilience in the local energy supply grid.	See ambition 2, theme 7.	2022	2024	As per updates in ambition 2, theme 7.	
7.1 We will develop and apply buildings standards which ensure adaptable and resilient new homes and buildings.	To be incorporated alongside Ambition 2, theme 3.	2021	2024	Being incorporated in SWLP. Detail in future stages.	
7.2 We will retrofit existing housing to ensure all-year-round affordable comfort.	To be incorporated alongside Ambition 2, theme 3.	2023	2030	Not relevant.	
7.3 We will retrofit public buildings and our own workplaces and will work with partners in the public sector to do likewise.	To be incorporated alongside Ambition 2, theme 4.	2021	2025	No progress.	
7.4 We will work with employers to enable them to adapt workspaces.	To be incorporated alongside Ambition 2, theme 4.	2022	Ongoing	No progress.	

8.1 We will work to maximise local water conservation and storage to address the potential for the cycle floods and drought.	Strengthen water conservation policies in the Local Plan.	2021	2024	SWLP Climate change consultants have provide evidence to support the inclusion of water minimisation and harvesting policies in to the Issues and Options consultation.	
8.2 We will work with partners to deliver resilience in the water cycle through natural means.	Work with EA to identify opportunities for improved natural river management.	2022	2024	No update. To be developed through emerging partnership working.	
	Identify riparian edges where we can support tree planting.	2022	2024	Stratford Riverside project is progressing. CIL allocation to Arrow and Alne.	
	Work with the farming community to support water storage including where necessary reviewing planning policies.	2022	2024	NFU are providing the farming community with advice on this.	
	Work with partners to explore ways to manage water extraction.	2022	2024	No update.	
	Make better use of water as a resource to deliver energy and support healthy lifestyles.	2022	TBC	No update.	