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	**Carbon Savings**	**Commitment**	**Cost 2022/23 [£]= low; [££] = medium; [£££] = high**	**Cost 2023/24 and 2024/25 [£]= low; [££] = medium; [£££] = high**
1 Decarbonising Council Buildings	3251.14 tCO2e per year	1.1 We will develop and manage the delivery of a fully costed Heat Deacarbonisation Plan (HDP) comprising a programme of works for decarbonising all Council Buildings	[£]	[£]
		1.2 Deliver the HDP by establishing a Building Decarbonisation Fund for three years (2022/23; 2023/24; 2024/25)	[£££]	[£££]
		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.	Nil	Nil
		1.4 We will ensure all electricity used by the Councils is from renewable sources.	Nil	Nil
		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.	[££]	[££]
		2.1 We will ensure all the vehicles fleet directly operated by the Councils is fully electric by 2025	[£]	[£]

2 Decarbonising Council Travel	252.8 tCO2e per year	2.2 We will incentivise staff to undertaken business journeys by bike, foot or public transport where this can be achieved efficiently and without impacting on service quality	Nil	Nil
		2.3 We will enable staff to switch personal vehicles that are used on Council business to electric vehicles by • 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	[£]	[£]
		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.	[£]	[£]
ing Council Contracts	4729.0 tCO2e per year	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	TBC	TBC
		3.2 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	TBC	TBC

3 Decarbonisi		3.3 Review procurement policies and practices to ensure climate change mitigation and adaptation are incorporated in to specifications, are given weight in evaluations and are managed throughout the life of the contract	Nil	Nil
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	[£]	[£]

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.				
1 On Road Transport	3,192,000 tCO2e by 2030	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.	Nil	Nil
		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.	[£££]	[£££]
		1.3 Switching the 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	[££]	[££]
		1.4 Improving freight emissions by reducing the emissions per mile by 75% and reducing on road freight mileage by 9%	[££]	[££]
2 Aviation		2.1 Reducing aviation emissions. Consideration as to whether we can influence emissions from aviation	Nil	Nil

3 Domestic Energy	1,213,000 tCO2e by 2030	3.1 We will deliver a deep carbon retrofit of all Council owned dwellings below EPC C by 2030	[£££]	[£££]
		3.2 We will work with local Housing Associations to support in accessing and utilising finding to deliver a deep carbon reduction retrofit of all Council owned dwellings below EPC C by 2030	[£££]	[£££]
		3.3 We will work with local Housing Associations to support in accessing and utilising finding to deliver a deep carbon reduction retrofit of all HA owned dwellings below EPC C by 2030	[£]	[£]
		3.4 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.	[££]	[££]
		3.5 We will ensure all new houses (whether for affordable or market) that are developed by the Council or its Local Housing Company will be net zero carbon in operation once the electricity grid is fully decarbonised	[££]	[££]
		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.	[£]	[£]
estic Energy	796,000 tCO2e	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	[£]	[£]

4 Non-Dome	by 2030	4.2 We will work with partners and businesses to enable 39% of non domestic buildings to shift off gas heating to low carbon or electric by 2030	[£] or [££]	[£] or [££]
5 Waste	8,000 tCO2e by 2030	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	Within existing budgets	
		5.2 We will invest in a new local Multi-Recycling Facility	Within existing budgets	
6 Land Use and Natural Assets	90,000 tCO2e by 2030	See Ambition 3, themes 1,2, 3, 4		
7 Energy Supply	2,088,000 tCO2e by 2030	7.1 We will support an increase renewable energy generation across South Warwickshire from approximately 121MW capacity in 2019 to 730MW capacity by 2030	[£££]	[£££]
		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	[£££]	[£££]
8 General	N/A	8.1 Work to ensure we enable others to play their part in supporting carbon reduction	[£]	[£]

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.				
		0.1 Appoint a climate adaptation project manager to manage relationships and projects associated with this ambition	[£]	[£]

1 Diversity of habitats and species	TBC: to be measured the HBA	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	Nil	Nil
		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	Nil	Nil
		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	Nil	Nil
		1.4 We will plant 160,000 trees in Warwick District by 2030. (NB: Decision to be made as to whether a tree planting programme should also apply in Stratford District)	[££]	[££]
2 Soil health	Once Met Office data is received work with EA to measure physical, chemical and biological health of local soils	2.1 Use Met Office data to plan investment in planting and infrastructure in flood defences, drainage and soil protection	[££]	[££]
		2.2 Working with partners to support our agricultural sector in adapting and diversifying	Nil	Nil
		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.	Nil	Nil

3 Natural carbon stores and sequestration	Current carbon stores account for 12,600tCO2e	3.1 we will seek to maintain existing natural carbon store and sequestration and will add to this where possible (see Ambition 2, theme 6) and 1.1; 1.2; 1.3; 1.4 and above	See above	See above
4 Crops. Livestock and commercial trees	In dicussion with NFU, identify effective measures of land productivity	4.1 We will work with partners to support our agricultural sector in adapting and diversifying	See above	See above
		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 above	See above
		4.3 We will develop planning policies and decisions to protect high quality agricultural land and to prevent development which exacerbates soil damage	See above	See above
5 Supply of food, good and vital services (supply chains and distribution networks)	Measures to be developed once Met Office data is received	5.1 We will encourage local food production, including allotments etc	Nil	Nil
		5.2 We will consider how we can support local storage and local low carbon distribution networks	TBC	TBC
		5.3 Through the South Warwickshire Economic Strategy, we will support diversification of the local economy	Nil	Nil
		5.4 We will support vulnerable residents, including those in fuel poverty	TBC	TBC
economy from ower system		6.1 We will maximise local renewable energy production including utilising this locally, including for Council services	See above	See above
		6.2 We will increase local, directly supplied energy from a variety of sources	See above	See above

6 People and the failure of the p		6.3 We will work with National Grid and Western Power Distribution to enhance resilience in the local energy supply grid	See above	See above
7 Human health, wellbeing and productivity from heat in homes and buildings		7.1 We will develop and apply buildings standards which ensure adaptable and resilient new homes and buildings	See above	See above
		7.2 We will retrofit existing housing to ensure all-year-round affordable comfort	See above	See above
		7.3 We will retrofit public buildings and our own workplaces and will work with partners in the public sector to do likewise	See above	See above
		7.4 We will work with employers to enable them to adapt workspaces	See above	See above
		7.5 We will work to maximise local water conservation and storage to address the potential for the cycle floods and droughts	Nil	Nil
8 Water consumption and managing the water cycle		8.1 We will work to maximise local water conservation and storage to address the potential for the cycle floods and drought	Nil	Nil
		8.2 We will work with partners to deliver resilience in the water cycle through natural means	Nil	Nil