

**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

Theme (to be reviewed)	Measures	Commitment	Action	Start Date	End Date	Responsibility	Estimated Cost	Funding Source	Comments and Progress Update	National Support Requirements
		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	PDCC	[£]	CAF; Climate Change Budget		
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	Analyse Met Office data to identify key risks for the environment	Oct-21	Dec-23	Place and Economy;	TBC	Local Plan budget		Need national adaptation strategy
			Work with key partners to work up an evidence base in relation to each key risk	Jan-22	Oct-23	Place and Economy;	Nil	N/A	Exact timeline needs to be in accordance with Local Plan timeline	Need guidance as to how adaptaion should be incorporated in to local plans and infrastructure delivered.
			Incorporate policies in the draft Local Plan to respond to the evidence base	Oct-22	Mar-23	Place and Economy; Development	Nil	N/A		
		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	Dec-22	TBC	Development; Environment and Operations	Nil	N/A		
		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	E&O	Nil	N/A		
			Review the management plans for major opens spaces and parks to ensure enhancements incorporate resilient species which improve biodiversity	Apr-22	Dec-21	E&O	TBC	TBC		
		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)	Based on the 2021/22 pilot, prepare a plan to deliver this commitment	Underway	2030	PDCC; E&O	[££]	£200,000 over 2 years from WDC CAF		
			Establish a delivery partner with experience of large scale tree planting	2021	2022	PDCC; E&O				Need clarity as to how this dovetails with national tree planting commitments
			Ensure costs and arrangements for maintenance are incorporated in all tree planting projects	2021	Ongoing	PDCC; E&O				
			Consider the potential to promote the use of land for tree planting as a sustainable crop (e.g a local building material?)	2022	Ongoing	PDCC; E&O	Nil			

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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	Work with EA and other partners to identify priority infrastructure investments.	TBC	TBC	Climate Adaptation Project Officer (CAPO)	TBC			Need national adaptation strategy
			Make funding bids to deliver opportunities to deliver infrastructure priorities.	TBC	TBC	CAPO	TBC	CIL, S106, partner funding, external/gov grants	Significant costs likely to be involved. Will need to a coordinated funding strategy including CIL, S106, partner funding, external/government grants. NB: Is this District Council best placed to do	Make case for national funding streams to help provide essential infrastructure
			Incorporate policies in the SWLP to enable the delivery of necessary infrastructure related to new developments	2021	2024	Place and Economy	TBC	S106		Need guidance as to how adaptaion should be incorporated in to local plans and infrastructure delivered.
			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	CAPO	TBC	Private investment; S106, partner funding, external/gov grants		
		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	CAPO	TBC	CIL, S106, partner funding, external/gov grants	Significant costs likely to be involved. Will need to a coordinated funding strategy including CIL, S106, partner funding, external /government grants. NB: Is this District Council best placed to do this?	
			Support agricultural sector in adapting practices to manage these risks and identify natural infrastructure investments that will mitigate the risks	TBC	Dec-21	CAPO; Place and Economy;	Nil	N/A		Needs to dovetail with national approach to countryside management
			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	Place and Economy; PDCC	Nil	N/A	Met Office data expected October 2021	
		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-05	Place and Economy;	TBC	Local Plan budget		
			Work with key partners to work up an evidence base in relation to each key risk	Jan-22	Jul-05	Place and Economy;	Nil	N/A	Exact timeline needs to be in accordance with Local Plan timeline	
			Incorporate policies in the draft Local Plan to respond to the evidence base	Oct-22	2024	Place and Economy				

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3 Natural carbon stores and sequestration	Current carbon stores account for 12,600 tCO2e	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)	See 1.4 above. See also commitments 1.1; 1.2; 1.3			CAPO	See 1.4 above			Need national adaptation strategy	
			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	CAPO	TBC	Carbon offsetting; S106; CIL			
			Incorporate planning policies in the SWLP which give weight to the protection of significant natural carbon stores within South Warwickshire	2021	2024	Place and Economy	Nil				
4 Crops, Livestock and commercial trees	In discussion 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 2.2 above	TBC	TBC	CAPO	TBC	CIL, S106, partner funding, external/gov grants	Significant costs likely to be involved. Will need to a coordinated funding strategy including CIL, S106, partner funding, external/government grants. NB: Is this District Council best placed to do this?	Need national adaptation strategy	
			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	Place and Economy;	TBC	Local Plan budget		
			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-05	Place and Economy;	Nil	N/A	Exact timeline needs to be in accordance with Local Plan timeline	
			Incorporate policies in the draft Local Plan to respond to the evidence base	Oct-22	Jul-05	Place and Economy;	Nil	N/A	Exact timeline needs to be in accordance with Local Plan timeline		
good and vital services (supply chains distribution networks)	developed once Met Office data is received	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						Need national adaptation strategy	
			See 2.3 above								
		5.2 We will consider how we can support local storage and local low carbon distribution networks	TBC	2022	2025	CAPO	TBC	CIL, S106, partner funding, external/gov grants			

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5 Supply of food, and	Measures to be	5.3 Through the South Warwickshire Economic Strategy, we will support diversification of the local economy	TBC	2021	2022	Place and Economy	Nil			
		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	Community Protection	Nil			
6 People and the economy from failure of the power system		6.1 We will maximise local renewable energy production including utilising this locally, including for Council services	See ambition 2, theme 7							Need national adaptation strategy
		6.2 We will increase local, directly supplied energy from a variety of sources	See ambition 2, theme 7							
		6.3 We will work with National Grid and Western	See ambition 2, theme 7	2022	2024	CAPO	TBC	CIL; S106; Private Sector Investment		
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	To be incorporated alongside Ambition 2, theme 3	2021	2024	Place and Economy	Nil			Need national adaptation strategy
		7.2 We will retrofit existing housing to ensure all-year-round affordable comfort	To be incorporated alongside Ambition 2, theme 3	2023	2030	Housing	Nil			
		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	Assets; CAPO	Nil			
		7.4 We will work with employers to enable them to adapt workspaces	To be incorporated alongside Ambition 2, theme 4	2022	Ongoing	CAPO; Place and Economy;	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	Strengthen water conservation policies in the Local Plan	2021	2024	Place and Economy	Nil			Need national adaptation strategy
		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	CAPO	Nil			
			Identify riparian edges where we can support tree planting	2022	2024	CAPO	Nil			
			Work with the farming community to support water storage including where necessary reviewing planning policies	2022	2024	CAPO	Nil			
			Work with partners to explore ways to manage water extraction	2022	2024	CAP)	Nil			
			Make better use of water as a resource to deliver energy and support healthy lifestyles	2022	TBC	CAPO	Nil			