

**Appendix 1c: 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	Comments and Progress Update May 2022	Progress Update December 2022	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		Officer in post - started August 2022.	
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		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	Exact timeline needs to be in accordance with Local Plan timeline	Work started with WDC Green Spaces Team to consider the key risks in terms of Council parks and open spaces.	

			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		Workshop planned with Development Management staff to introduce climate change adaptation, key risks and key considerations. Further work to follow.	
		1.3 Based on the Met Office data, we will review tree strategy and open spaces management plans to take	Undertake a review of the tree strategy to ensure our approach utilises resilient species which enhance biodiversity	Apr-22	TBC		No update	

		account of the need for resilient and ecologically diverse enhancements	Review the management plans for major opens spaces and parks to ensure enhancements incorporate resilient species which improve biodiversity	Apr-22	Dec-21		Initial discussions with WDC Green Spaces Team. Recognising that a number of parks/open spaces do not currently have management plans extra resources may be required to deliver these.	
		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		Plan in place - see report to Cabinet March 2022. 17,000 trees have been planted/enabled through the programme by March 2023. In addition, around 74,000 trees are projected to be delivered at Newbold Comyn and Tachbrook Country Park. The programme is focusing on firming up the delivery on the major sites as well as addressing the residual gap of around 68,000 trees by considering options such as, offsetting, land purchase and the Trees Call to Action Fund.	
			Establish a delivery partner with experience of large scale tree planting	2021	2022		Still to be established. Procurement options being considered. Will be a key part of ensuring the residual gap is addressed. Hope to have partner in place in early 2023.	
			Ensure costs and arrangements for maintenance are incorporated in all tree planting projects	2021	Ongoing		Included in costs within Cabinet report March 2022. Reviewed on an ongoing basis through the Trees Project Board	

			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 over next six months	
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		No update.	
			Make funding bids to deliver opportunities to deliver infrastructure priorities.	TBC	TBC	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?	No update.	
			Incorporate policies in the SWLP to enable the delivery of necessary infrastructure related to new developments	2021	2024		No update.	
			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		No update.	

		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	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?	No update.	Yellow
			Support agricultural sector in adapting practices to manage these risks and identify natural infrastructure investments that will mitigate the risks	TBC	Dec-21		No update.	Red
			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	Met Office data expected October 2021	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)	Green
		2.3 Ensure up to date evidence and planning policies and decisions to protect high	Analyse Met Office data to identify key risks for the environment	Oct-21	Jul-05		Ongoing. Initial high level data received through Met Office 'City Pack' offer but further data/analysis required.	Green

		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	Exact timeline needs to be in accordance with Local Plan timeline	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		No update	
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				As per updates in 1.1-1.4	
			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. (PC)	

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	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?	No update.	
		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-05	Exact timeline needs to be in accordance with Local Plan timeline	See 2.3 above. SWLP Issues & Options public consultation is scheduled (subject to councillor approval) for Jan/Feb 23.	
			Incorporate policies in the draft Local Plan to respond to the evidence base	Oct-22	Jul-05	Exact timeline needs to be in accordance with Local Plan timeline	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	Incorporate policies in the draft Local Plan to ensure allotments are prioritised as part of green infrastructure	Oct-22			Myton Green Allotments now in WDC ownership. Further allotments site at Hampton Magna being provided.	
			See 2.3 above				No update	
		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 scheduled for publication (in draft) and public consultation in February 23.	
		5.3 Through the South Warwickshire Economic Strategy, we will support diversification of the local economy	TBC	2021	2022		Draft South Warwickshire Economic Strategy considers diversification	
		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		WDC Fuel Poverty Strategy 2021-26 published.	
economy from failure of the		6.1 We will maximise local renewable	See ambition 2, theme 7				As per updates in ambition 2, theme 7.	



		energy production including utilising this locally, including for Council services						
		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 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			Being incorporated in SWLP
		7.2 We will retrofit existing housing to ensure all-year-round affordable comfort	To be incorporated alongside Ambition 2, theme 3	2023	2030			No update.

		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 update.	
		7.4 We will work with employers to enable them to adapt workspaces	To be incorporated alongside Ambition 2, theme 4	2022	Ongoing		No update	
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		SWLP Climate change consultants have provide evidence to support the inclusion of water minimisation and harcesting policies 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.	
			Identify riparian edges where we can support tree planting	2022	2024		No update.	
			Work with the farming community to support water storgae including where necessary reviewing planning policies	2022	2024		No update.	

			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.	