

Carbon Neutrality and Climate Resilience Action Plan

Appendix 1 **Indicative Action Plan**

September 2020

Introduction

This Indicative action plan contains a long list of 345 *potential* actions necessary over the next ten years as we work towards carbon neutrality and climate resilience by 2030. It is based on our understanding, and has not been produced scientifically. The carbon impacts and cost implications are as yet only high level in nature and will need to be built on with more detailed work in due course.

The main Carbon Neutrality and Climate Resilience Action Plan document explains the process that has been gone through to produce this indicative action plan. The tables below identifies the following for each action:

- The relevant **Goal** from the Somerset Climate Emergency Strategy;
- The high level **Impact** either for the district, or corporately for the Council, that an action will have in itself or could lead to;
- Potential **Co-benefits** of action;



- **Workstream** (**B**uilt Environment, **E**nergy, **T**ransport, **I**ndustry Business and Supply Chain, **W**aste, **F**ood and Farming, **N**atural Environment, **W**ater (**Wt**), **M**iscellaneous);
- **Role** of the Council (Deliver, Enable, Support, Lobby);
- Potential high level **Cost**;
- **Priority ranking** (Immediate actions only).


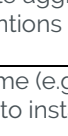


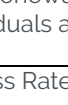









Four separate tables follow identifying the potential actions which fall under each timescale as follows:

- **Immediate** (Year 1*);
- **Short term** (Years 2-3);
- **Medium term** (Years 4-6);
- **Long term** (Years 7-10).

* it is suggested that actions identified as "immediate" could be carried out either in whole or may commence within the next 12 months and as such form part of the Year 1 Action Plan. The Council's work will be guided by these "Immediate" actions. However, we have to be realistic and understand that with staff and financial resources stretched, we have to prioritise. This may mean that some things identified as being "Immediate" could well slip beyond that timeframe. Beyond this, upon further investigation, some actions may be considered to be unnecessary or not possible.

Immediate – Year 1 Action Plan

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
1	Deliver a Zero Carbon Affordable Homes Pilot which will deliver 50 net zero carbon, fabric first, modular construction new Council Homes as a pilot, with a first phase of 12 in 2020/21.	1, 2, 3	H		B	D	H	1
2	Develop an action plan for retrofit of around 90% of homes and 100% of non-residential buildings with low carbon heat and energy efficiency measures including through use of costed building decarbonisation "passports" for individual households and groups of building archetypes.	2	H		B	S	M	1
3	Retrofit 175 Council homes and a further c.25 owner occupier/private rented homes in the district with first time central heating replacing expensive and inefficient night storage and solid fuel heating systems with Air-Source Heat Pumps together with a package of relevant fabric improvements through the Warm Homes Fund.	1, 2	H		B	D	H	1
4	Develop an action plan for a programme of major retrofit / disposal (where relevant) of our Council-owned housing stock including identifying opportunities for installation of heat pumps and other low carbon heat solutions.	1, 2, 3	H		B	D	M	1
5	Work with partners to develop communications campaign effectively engaging the general population in retrofit, what is necessary, how to go about it and where to get advice, funding and support.	2, 3	H		B	S	L	2
6	Develop and deliver a zero carbon and climate resilient standard for new Council Housing.	1, 2, 3	H		B	D	H	3
7	Lobby Government to make retrofit of the existing building stock a national infrastructure priority.	1, 2, 3	H		B	L	L	3
8	Validate and improve data on EPC ratings of all Council-owned housing stock.	1, 2	H		B	D	M	3
9	Commission investment-grade audits of the energy and carbon performance of the Council's offices and non-residential buildings including identifying opportunities for installation of heat pumps and other low carbon heat solutions.	1, 2	H		B	D	L	3
10	Develop Local Plan policy requiring all new development to be zero carbon and climate resilient as soon as practically possible.	2, 3	M		B	D	L	4
11	Evidence and develop an "Allowable Solutions" type carbon offsetting fund for developments unable to meet zero carbon on-site to pay into.	2, 3	M		B	D	L	4
12	Publish an Interim Policy Statement clarifying relevance and implementation of existing development plan policies on sustainable design and construction and relevance of the Council's Climate Emergency declaration as a material consideration.	2, 3	M		B	D	L	4

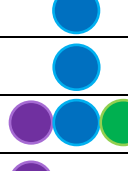
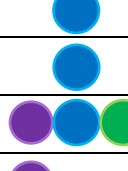
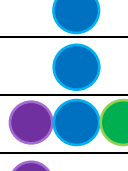
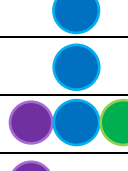
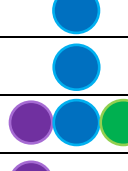
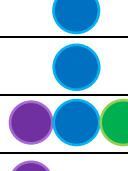
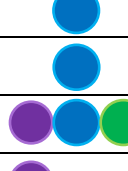
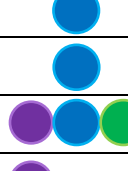
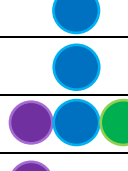
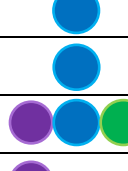
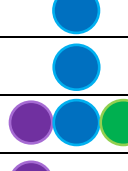
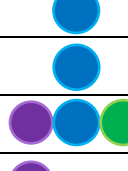
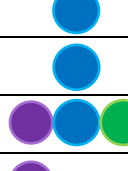
Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
13	Lobby Government to deliver national policy requiring zero carbon and climate resilient new development as soon as practically possible.	2, 3	M		B	L	L	4
14	Expand eligibility criteria where possible to enable more people to access ECO funding towards delivering energy efficiency retrofit to their homes.	2	M		B	E	L	4
15	Enforce Minimum Energy Efficiency Standards for private rented housing and work with Devon, Somerset and Torbay Trading Standards to ensure enforcement of non-domestic rentals (EPC band E by 2020, D by 2025 and C by 2030). Including appointment of a full time MEES Project Officer for an initial 12 month period.	2	M		B	D	M	4
16	Work with SLM (Everyone Active) to complete the roll out of LED lighting, and identify and implement further carbon reduction measures in all Council-owned leisure centres.	1, 2	M		B	D	M	4
17	Adopt the district-wide Design Guide incorporating strong emphasis on sustainability as Supplementary Planning Document.	2, 3	L		B	D	L	5
18	Lobby Government to end the current Permitted Development Rights to convert agricultural buildings to residential dwellings in the open countryside.	2	M		B	L	L	5
19	Ensure that Council air conditioning unit inspections are up-to-date, and that regular checks of refrigerant leakages are undertaken.	1, 2	M		B	D	L	5
20	Deliver training on zero carbon and climate resilient buildings and the role of planning and planners to all planning officers and Members as well as offering training out to communities and developers.	2, 3	L		B	D	L	6
21	Invest in local renewable energy projects.	2	H		E	D	H	1
22	Build awareness and capacity for community energy projects and play a more direct and proactive role in enabling.	2	H		E	E	L	1
23	Develop a programme to enable aggregated purchasing of renewable energy, insulation and other energy efficiency interventions for communities, individuals and businesses at below market rates.	2	H		E	E	L	1
24	Develop a local incentive scheme (e.g. Council Tax / Business Rates discount) to encourage local residents and businesses to install energy efficiency improvements, low carbon heat and renewable energy generation.	2	H		E	D	H	1
25	Develop evidence base to understand low carbon and renewable energy generation and energy storage potential within the district and on Council-owned assets and support publication of a local renewable energy target.	2	H		E	D	M	2
26	Identify suitable areas / allocate sites for low carbon and renewable energy generation within the New Local Plan.	2	H		E	E	L	2







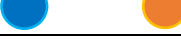







Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
27	Sign up to UK100 pledge to meet 100% of the district's energy demand from clean energy sources by 2050.	2	H		E	D	L	2
28	Publicly promote rollout of smart meters.	2	M		E	S	L	2
29	Work with partners to develop an EV Charging Strategy that identifies a pathway to rollout of EV charging infrastructure across Somerset (including consideration of current grid constraints and ways to circumvent/overcome them).	2	H		E	D	L	2
30	Lobby Government to remove artificial barriers (e.g. NPPF/policy and Contracts for Difference criteria) to delivery of renewable energy including onshore wind in the district.	2	H		E	L	L	3
31	Appoint an Energy specialist to provide in-house specialist energy related advice and work towards meeting the Council and area-wide renewable energy targets.	1, 2	H		E	D	M	3
32	Develop Local Plan policies to ensure that new grid infrastructure can be delivered that will resolve constraints, address network climate vulnerabilities, is compliant with a carbon neutral future, and will enable transition to a flexible and smart distribution network able to cope with increased decentralised and renewable energy generation and EV rollouts.	2, 3	H		E	E	L	3
33	Lobby Government for a national decarbonisation of heat strategy.	2	H		E	L	L	3
34	Lobby Government to renew and expand incentives such as ECO and RHI as well as replacement for FiT scheme.	2	H		E	L	L	3
35	Develop evidence base to understand carbon neutral heat network potential within the district and on Council-owned assets.	1, 2	H		E	D	M	3
36	Apply to the Heat Networks Development Unit to secure funding to explore potential for a carbon neutral heat network serving Firepool, Taunton Pool and nearby town centre buildings.	1, 2	H		E	D	M	3
37	Develop planning policy through the New Local Plan to require, encourage and enable heat network development where opportunities exist.	2	H		E	D	L	3
38	Work with WPD to implement the DC Share project which will deliver a unique UK pilot to provide rapid EV charging facilities at scale within Taunton town centre.	2	H		E	E	L	3
39	Work with SLM (Everyone Active) to install CHP units at Blackbrook and Wellington Leisure Centres.	1, 2	M		E	S	M	4
40	Provide advice to town and parish councils and neighbourhood planning groups about planning for low carbon and renewable energy through their Neighbourhood Plans.	2	H		E	S	L	4
41	Develop Local Plan policy to ensure that all new buildings are served by three-phase electricity supplies in order to be future-proofed for homes and vehicles playing a more active role in power generation and grid balancing.	2	M		E	E	L	4

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
42	Support town and parish councils and community groups to provide advice and raise awareness in relation to energy conservation, efficiency and generation.	2	M		E	S	L	4
43	Establish a task force of public sector bodies, energy sector bodies and high energy users across the County to work collectively towards developing a Local Area Energy Plan for Somerset and identifying and driving forward opportunities for decarbonisation.	1, 2	H		E	E	L	4
44	Work with SLM (Everyone Active) to replace air conditioning units at Blackbrook Leisure Centre fitness facilities and air handling units at Wellington Leisure Centre.	1, 2	L		E	S	M	5
45	Make an immediate switch to 100% renewable electricity tariff for Council grid supplied electricity linked to a Renewable Energy Guarantee of Origin (REGO) Certificate.	1, 2	L		E	D	L	5
46	Deliver training on energy conservation and efficiency to all officers and Members.	1, 2	L		E	D	L	6
47	Deliver EV charge points as part of Coal Orchard development in Taunton town centre.	2	H		T	D	M	1
48	Deliver 2 EV charge points at the Council's Deane House offices and draft a business case for the options to implement charging points in phases across the Council's network of car parks.	2	H		T	D	M	1
49	Enable delivery of EV charge points funded through the Council's Community Charge Point Fund.	2	H		T	E	M	1
50	Continue developing the strategic outline business case to re-open Wellington Train Station and lobby Government to include on the DfT project pipeline for design and delivery.	2	H		T	E	H	1
51	Develop proposals to place the Taunton P&R service on a long term financially sustainable footing and continue financially subsidising until it reaches that point.	2	H		T	D	H	1
52	Develop a Digital Strategy that will identify how high speed, high quality and resilient gigabit digital connectivity can be delivered throughout the district, reducing the need to travel, enabling smarter travel and increasing ability to work and access services remotely.	2, 3	H		T	E	M	1
53	Re-tender Taunton P&R bus service with appropriate clauses to move service towards alternative fuel and/or electric bus fleets.	2	M		T	E	M	2
54	Develop a demonstrator bus subsidy for UK Green Transport Week 2021 or another awareness week annually until any regular incentive/subsidy is in place.	2	M		T	E	M	2
55	Make the trial closure of St. James Street in Taunton permanent.	2	M		T	E	M	2
56	Trial closure of East Street and Hammet Street in Taunton.	2	M		T	E	M	2
57	Deliver priority cycle route in Taunton linking Vivary Park - Market House - Coal Orchard - Firepool - Train Station.	2	M		T	E	H	2

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
58	Deliver priority cycle route in Taunton linking the Gateway and Silk Mills Park & Ride sites via the town centre.	2	M		T	E	H	2
59	Develop, submit and if successful, deliver a proposal for an e-scooter hire scheme in Taunton as part of the DfT e-scooter trial scheme, to enable convenient, clean, inexpensive, socially distanced travel in the town.	2	M		T	D	L	2
60	Develop a Taunton Transport Strategy building on the "Taunton: Connecting Our Garden Town" document from 2017, picking up on developments since its publication and actions identified within this Action Plan. Establish a "Transport Taskforce" within the Council to co-ordinate delivery.	2	H		T	E	M	2
61	Develop a communications campaign to publicise and expand the Taunton "P&R Perks" Scheme which incentivises use of the P&R service by rewarding users with discounts at town centre outlets.	2	M		T	D	L	2
62	Develop Local Plan policies to require and enable delivery of infrastructure to facilitate delivery of Bus Rapid Transit scheme(s).	2	H		T	E	L	3
63	Incorporate a sustainable hierarchy for transport within the New Local Plan.	2	H		T	E	L	3
64	Develop Local Plan policy for reduced parking standards in new development.	2	H		T	E	L	3
65	Develop Local Plan policy to encourage and facilitate car-free developments in appropriate locations.	2	H		T	E	L	3
66	Apply to the OLEV Workplace Charging Scheme and deliver EV charge points at all Council sites to enable transition of Council fleets and staff vehicles to EV.	1, 2	M		T	D	M	3
67	Develop Local Plan policy requiring EV charging infrastructure in all new developments in line with the EV Charging Strategy once complete.	2	H		T	E	L	3
68	Support and promote expansion of community EV car clubs such as Watchet Drives	2	M		T	S	L	3
69	Lobbying Government and operators to electrify the mainline rail network running through the district.	2	H		T	L	H	3
70	Develop Local Plan policies to require gigabit digital connectivity in new developments. In line with the Digital Strategy once complete.	2, 3	H		T	E	L	3
71	Develop a staff incentive scheme to encourage use of the P&R (and other public transport options).	1, 2	M		T	E	L	4

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
72	Adopt the Taunton Garden Town Public Realm Design Guide as SPD and use this as the blueprint for delivering sustainable streets, cycle infrastructure and street tree planting in Taunton.	2	M		T	E	L	4
73	Develop incentives for Council staff to use active travel and public transport modes for business travel.	1, 2	M		T	D	L	4
74	Lobby Government to reduce motorway and national speed limits to 50mph, and the 30mph (street lit roads) limit to 20mph.	2	H		T	L	H	4
75	Lobby the National Infrastructure Commission to ensure that it takes account of latest climate projections for Somerset and recognises climate adaptation as a national infrastructural issue.	3	H		T	L	L	4
76	Set in place improved data collection in relation to fuel usage and mileage travelled by the Council's vehicle fleet.	1, 2	M		T	D	L	5
77	Conduct a Council vehicle fleet review using support provided by the Energy Saving Trust.	1, 2	M		T	D	L	5
78	Develop a staff incentive scheme to encourage transition of personal vehicles to EV.	1, 2	M		T	E	L	5
79	Ensure that cleansing and maintenance of cycle routes is prioritised in street cleansing schedules.	2	L		T	E	M	5
80	Develop a platform for staff to easily and securely arrange car-pooling for business travel and commuting.	1, 2	M		T	D	L	5
81	Carry out a staff commuting survey on an annual basis and use this to develop and review a Green Travel Policy for the Council.	1, 2	M		T	D	L	5
82	Continue to improve the Council's digital conferencing facilities and wider digital transformation to reduce the need for staff, customers, Members and partners to travel, and seek to retain positive behaviour shifts achieved during COVID-19 lockdown.	2, 3	M		T	D	M	5
83	Develop and deliver upon a COVID Economic Recovery Plan with climate action integral to its vision and objectives.	1, 2, 3	H		I	D	L	1
84	Prepare a district-wide workforce development strategy taking account of the skills that will be necessary to deliver on the actions set out in this plan, the skills gap, current sector activity and skills audit, skills we have that may not be needed in the future and how we will support people and businesses through this transition.	2, 3	H		I	D	M	1
85	Work with SCC to design, deliver and communicate a pilot small grants scheme to support businesses to achieve reductions in Scope 1 emissions (on-site and fleet).	2	M		I	E	M	2
86	Appoint a "Green Economy/Clean Growth Inward Investment Specialist" (potentially as a shared resource) to work with businesses to sustainably align their growth ambitions with the	2, 3	H		I	D	M	2

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
	climate emergency and encourage businesses into the area that can help the area to achieve carbon neutrality and climate resilience.							
87	Identify and deliver on opportunities for education and skills growth and job creation in the West Somerset Opportunity Area to build economic opportunities, reduce the need to travel out of the area for work and to address social mobility and deprivation issues in the area.	2	H		I	E	L	2
88	Develop a communications campaign to market the sustainable economic development opportunities presented by Taunton Garden Town and UKHO aligned with our aspirations for carbon neutrality and climate resilience.	2, 3	M		I	S	L	2
89	Work with partners to grow the sector and supply chain for key technologies and products that are necessary to achieve carbon neutrality in Somerset (including in relation to heat pumps, renewables, energy efficiency and circular economy in particular) through support and directly stimulating demand as part of Council developments.	2	H		I	S	M	2
90	Identify the Council's top ten most significant suppliers in terms of carbon emissions and proactively engage with them to establish a more accurate carbon footprint of the goods and services they supply and ways in which they can reduce emissions.	1, 2	H		I	D	M	2
91	Adopt an interim procurement statement setting out an expectation that suppliers and their supply chains are actively working towards reducing their carbon footprint.	1, 2	H		I	D	L	2
92	Develop a communications campaign targeting businesses within the district, engaging them in carbon reduction and climate resilience, the benefits to them of action, risks of inaction and where they can access support at present.	2, 3	M		I	S	L	3
93	Adopt the emerging Small Scale Industrial Units Local Development Order (LDO) to enable business creation, expansion and retention within the district and close to where people live, reducing the need for businesses to leave the area and to travel.	2	L		I	E	M	3
94	Work with local community groups and businesses to develop opportunities to foster innovation in the low carbon / sustainability sector.	2, 3	M		I	E	L	3
95	Improve data collection and recording in relation to Council procurements by assigning each supplier to the relevant GHG reporting sector.	1	H		I	D	L	3
96	Establish a Carbon Management Board within the Council to deliver and monitor progress against our corporate carbon neutrality target.	1, 2	H		I	D	L	4
97	Deliver mandatory training in climate change and carbon literacy to all Council officers and Members, with periodic updates.	1, 2, 3	M		I	D	L	4
98	Develop a regular internal communication to ensure all officers and Members are aware of this action plan, progress being made against it, and what their role is in delivering on it.	1, 2, 3	M		I	D	L	5
99	Work with Somerset Waste Partnership (SWP) to identify and engage with businesses utilising circular economy principles and seek to support and communicate best practice.	2	M		W	S	L	2





Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
100	Support and promote SWP campaigns and initiatives to increase waste reduction, reuse and recycling including the 'Slim My Waste, Feed My Face' campaign.	2	H		W	S	L	2
101	Develop Local Plan policies that support SWP Developer Guidance and the emerging Somerset Waste Local Plan and which will lead to delivery against minimum standards for sustainable waste management in development as well as developments being resource efficient during construction, occupation and eventual dismantling.	2	M		W	E	L	4
102	Engage with development of the Somerset Minerals and Waste Plan Reviews to understand necessary waste processing infrastructure and where it should be located (taking into account potential for use of waste heat in particular).	2	H		W	E	L	4
103	Publicise community-based recycling projects such as the Compass Centre #cashnottrash community terracycle project at least until Recycle More is rolled out in the district.	2	L		W	S	L	4
104	Work with our street cleansing service provider to ensure that as much waste from public litter is recycled as possible.	1, 2	L		W	D	M	5
105	Support the opening of a Repair Café at the Glassbox, Taunton Library.	2	L		W	S	L	5
106	Improve data collection to establish the mass of each waste stream within the Council's corporate waste and how it is processed in order to better understand GHG emissions arising.	1, 2	L		W	D	L	6
107	Develop a communications campaign that encourages residents and businesses to grow their own and buy local, seasonal and climate friendly food, linking healthy eating, active lifestyles and the climate emergency.	2, 3	M		F	S	L	3
108	Support the University of Exeter in bidding to UKRI for funding to co-design and deliver a Circular Regional Food System in the South West.	2, 3	M		F	S	L	4
109	Work with partners to establish a baseline of the emissions and land footprint of food consumption in the county and communicate the average impacts in comparison to NHS/WHO recommended diets.	2, 3	M		F	D	L	4
110	Develop Local Plan policies that protect existing and allocate land / set requirements for establishment of new orchards and allotments.	2, 3	M		F	E	L	4
111	Work with partners to establish an accurate baseline of emissions from agriculture across the district.	2, 3	H		F	S	L	4
112	Work with partners to develop a Land Management Strategy to protect and enhance soils through more regenerative agricultural processes.	2, 3	H		F	E	L	4
113	Develop Local Plan policy that protects best and most versatile agricultural land and sets criteria as to when it is acceptable for its loss, protects soil quality and requires mitigation from developments to reduce detrimental impacts to soil health and carbon storage.	2, 3	M		F	D	L	4

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
114	Develop Local Plan policy that may support farmers and landowners to sustainably diversify in order to build resilience to the projected impacts of climate change and change practices to more viably deliver ecosystem services.	2, 3	M		F	E	L	4
115	Work with partners to map current levels of natural capital and ecosystem services and potential impacts of climate change.	2, 3	H		F	E	L	4
116	Work with partners to map carbon sequestration potential opportunities on farmland including planting trees, widening and re-connecting hedgerows and changing land management practices.	2, 3	H		F	E	L	4
117	Lobby Government to develop regulation requiring carbon footprint labelling of food products along the lines of current nutrition labelling.	2, 3	M		F	L	L	5
118	Deliver training to officers and members on the climate impacts of food consumption and the linked benefits of healthy and climate conscious eating and active lifestyles.	2, 3	L		F	D	L	6
119	Work with the Local Nature Partnership to complete a Nature Recovery Network Strategy including an interactive online map and user guide.	2, 3	H		N	D	L	2
120	Complete a new Green and Blue Infrastructure Strategy for the district drawing together opportunities to improve access to green spaces, active travel linkages, reinstate and create green landscape linkages, improve biodiversity, re-wild and regenerate the landscape and increase carbon sequestration and climate resilience.	2, 3	H		N	D	L	2
121	Deliver tree planting, hedgerow creation and other relevant projects on Council owned land holdings in line with the Nature Recovery Network and our own district Green Blue Infrastructure Strategy.	1, 2, 3	M		N	D	M	2
122	Working with partners, co-create a Vision for the natural environment in Somerset, develop a strategy for implementing the Vision.	2, 3	H		N	D	L	3
123	Develop a communications campaign to tell people about what the Council and partners are doing around the natural environment and how they can get involved through volunteering, attending skills and learning events and experience days.	2, 3	L		N	E	L	3
124	Deliver a "free tree" giveaway project where town and parish councils can apply for a package of trees, stakes and tree protectors to deliver in their community.	1, 2, 3	L		N	D	L	3
125	Support Wellington Transition Town and Wellington Street Team groups to deliver on the tree planting plans for Wellington.	2, 3	L		N	S	L	3
126	Deliver the Maidenbrook Country Park, including tree planting and creation of active travel routes linking Monkton Heathfield and Nerrols.	1, 2, 3	L		N	D	M	3
127	Develop detailed plans to deliver on the Taunton Garden Town ambition to raise tree canopy cover to 20% within the town.	2, 3	M		N	D	L	3

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
128	Deliver major urban tree planting schemes on Council-owned land in Taunton.	1, 2, 3	L		N	D	L	3
129	Lobby Government to introduce a national ban on peat extraction.	2, 3	H		N	L	L	4
130	Work with partners to set out how to restore peatlands in Somerset by establishing a Peat Partnership, revitalising the Somerset Levels and Moors Peatland Task Force and working with the IUCN Peatland Programme.	2, 3	H		N	E	L	4
131	Work with partners to develop and deliver on an Ash Die Back Action Plan to ensure replacement of affected trees and utilisation of wood for biomass energy.	2, 3	M		N	S	L	4
132	Appoint additional Green Infrastructure Specialist to enable focus on delivery of the Nature Recovery Network Strategy and our own Green Blue Infrastructure Strategy with partners across the district.	2, 3	M		N	D	M	4
133	Develop Local Plan policies referring to the Nature Recovery Network Strategy including requiring developments to deliver against it.	2, 3	M		N	E	L	4
134	Develop Local Plan policies requiring retention and protection of trees within development sites and a minimum target of tree canopy cover within new developments.	2, 3	M		N	E	L	4
135	Set a corporate policy requiring replacement of any tree that is removed on Council land or as part of a Council development with a minimum of three new saplings and encourage other organisations to adopt similar standards.	2, 3	M		N	E	L	4
136	Develop communications campaign to explain the Council's new approach to managing open spaces.	1, 2, 3	L		N	D	L	4
137	Deliver and monitor five Wildflower Meadow Pilots on Council-owned land at Grange Drive, Leycroft Grove and Moorfields (Taunton); Gay Street, (Wellington); and at Seaward Way, and Culvercliffe (Minehead).	1, 2, 3	L		N	D	L	4
138	Produce and communicate a list of potential woodland creation grants for 2020, and forward plan bids where possible.	1, 2, 3	L		N	S	L	4
139	Promote external tree planting funding opportunities such as the Woodland Trust's "Free trees for schools and communities" project to our communities.	1, 2, 3	L		N	D	L	4
140	Review and upgrade the current Service Level Agreement between the Council and the Somerset Environmental Records Centre to give long term funding certainty and enable it to oversee the Nature Recovery Network data and keep it up to date.	2, 3	M		N	E	L	5
141	Develop Local Plan policies requiring a target level of biodiversity net gain above the proposed national minimum 10% from new developments and necessary on-site measures with mitigation to be delivered before development can occur.	2, 3	L		N	E	L	5































Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
142	Begin delivering on open space management plans prepared by Somerset Wildlife Trust for Council-owned open spaces at French Weir, Glasses Mead, Silk Mills P&R, Vivary, Blackbrook, Children's Wood, Hamilton Gault, Killams, Wedlands, Weirfield, Wellsprings, Galmington.	1, 2, 3	L		N	D	L	5
143	Develop an information pack, standard agreement and communications campaign for community groups and parish councils who wish to manage Council-owned open spaces.	1, 2, 3	L		N	D	L	5
144	Increase capacity of Council nurseries to grow our own trees, starting with a pilot growing 2,000 whips at our Stoke Road nursery.	1, 2, 3	L		N	D	L	5
145	Develop a policy to enable all Council officers additional paid leave per year to volunteer in local climate action projects (e.g. tree planting).	1, 2, 3	L		N	D	M	5
146	Establish mechanism to monitor impacts of changing open space management, trees planted etc.	1, 2, 3	L		N	S	L	6
147	Deliver immediate projects identified by the Taunton Strategic Flood Alleviation Improvement Scheme.	3	H		Wt	D	H	1
148	Develop a Coastal Communities Strategy setting out a 30 year plan for what the coast and coastal communities will be in 2050 taking account of coastal erosion; flooding; housing; economy, highways; nature; culture; heritage; leisure; deprivation and regeneration.	3	H		Wt	E	M	1
149	Work with partners to lobby Government to make the Somerset Rivers Authority a permanent body with a permanent annual Council Tax precept / other permanent funding.	3	H		Wt	L	L	1
150	Work with Wessex Water and South West Water to develop a communications campaign and signpost best practice guidance relating to water conservation and awareness.	2, 3	M		Wt	S	L	3
151	Work with partners to map opportunities for delivery of nature based solutions such as tree planting, wetland creation and Sustainable Drainage Systems (SUDS) to sequester carbon whilst delivering flood risk management benefits.	2, 3	H		Wt	D	H	3
152	Develop Local Plan policies requiring integration of high quality, multi-benefit SuDS within new developments in line with the Somerset SUDS Review.	3	H		Wt	E	L	3
153	Develop Local Plan policies directing development away from areas of or which could adversely impact upon fluvial, coastal and surface water flood risk and in line with the step change promoted by the emerging National Flood and Coastal Erosion Risk Management Strategy.	3	H		Wt	E	L	3
154	Develop Local Plan policies to actively enable relocation of homes and businesses away from locations at major risk of flooding or coastal change.	3	H		Wt	E	L	3
155	Lobby Government to deliver national support for those communities that will be disproportionately affected by the impacts of climate change, including strategies, funding and triggers for assisted relocation.	3	H		Wt	L	L	3

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
156	Work with the Somerset Rivers Authority to analyse sub-catchment flood-risk data across the district and develop integrated schemes for future delivery in at risk areas.	3	H		Wt	D	L	3
157	Work with partners to review the North Devon and Somerset Shoreline Management Plan in line with latest climate projections.	3	H		Wt	E	L	3
158	Fully support and play an active role at both officer and Member level in partnerships including the Somerset Rivers Authority and Somerset Catchment Partnership.	3	H		Wt	D	L	3
159	Deliver training to officers and members on projected climate impacts and specific local risks relating to flooding, sea level rise and coastal change.	3	H		Wt	E	L	3
160	Lobby Government to develop grant funding for retrofitting of SUDS into existing communities.	3	H		Wt	L	L	4
161	Lobby Government to ensure that the NPPF / PPG always requires plans to be prepared and development to be managed in compliance with the flooding and coastal change implications of the latest climate projections.	3	H		Wt	L	L	4
162	Lobby Government and insurance sector to ensure that insurance is fit for purpose and provides affordable cover for those in flood risk areas and supports the use of flood mitigation measures.	3	M		Wt	L	L	5
163	Develop Local Plan policies to require compliance with the optional national water efficiency standards and set out expectations around rain and grey water harvesting.	2, 3	L		Wt	E	L	5
164	Develop a communications campaign to harness the carbon reduction opportunities presented by the "new normal" created by the Coronavirus pandemic and ensure there is no rebound effect once restrictions are lifted.	2	H		M	S	L	1
165	Establish a Climate Service within the Council comprising of relevant specialist, case management and project delivery officers to deliver this action plan from a Council perspective.	1, 2, 3	H		M	D	H	2
166	Work to fully cost and carbon impact model the actions set out in this action plan (and others as they are developed).	1, 2, 3	H		M	D	M	2
167	Review financing options available to the Council with a view to setting out detailed proposals ready for the 2021/22 budget setting process.	1, 2, 3	H		M	D	M	2
168	Produce visual aids to communicate what key and familiar locations throughout the district might look like in the future with and without action to help people visualise the risks and the solutions required as part of a carbon neutral future.	2, 3	M		M	D	L	2
169	Monitor the Council's corporate GHG emissions and delivered actions on an annual basis.	1	H		M	D	L	2

Ref	"Immediate" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost	Priority ranking
170	Monitor and review progress on delivery against this Carbon Neutrality and Climate Resilience Action Plan on an annual basis.	1, 2, 3	H		M	D	L	2
171	Appoint a Grant Funding Officer to specifically focus on identifying and applying to grant funding opportunities in relation to climate action.	1, 2, 3	H		M	D	M	3
172	Establish a local, multi-agency Climate Emergency Task Force including the Council and various stakeholders, community and interest groups to aid collaboration and delivery.	1, 2, 3	H		M	D	L	3
173	Disclose the Council and the district's emissions, climate risks and mitigation/adaptation plans to CDP on an annual basis, aiming to achieve a score of A (Leadership) by 2023.	1, 2, 3	M		M	D	L	3

Short Term



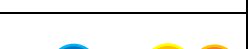










Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
174	Develop planning guidance on sustainable construction materials to supplement the New Local Plan and Design Guides.	2, 3	M		B	S	L
175	Introduce a district-wide design awards scheme alongside/following adoption of the Design Guide, to include responding to the climate emergency as integral to all categories, but also a category in its own right.	2, 3	L		B	S	M
176	Deliver a step change in new low carbon affordable council homes as part of the North Taunton Woolaway Project (Phase A) in 2021/2022.	1, 2, 3	L		B	D	H
177	Seek to improve energy efficiency and on site renewable energy solutions further in phases B-D of North Taunton Woolaway Project wherever possible.	1, 2, 3	M		B	D	H
178	Deliver refurbishment of 27 council homes as part of the North Taunton Woolaway Project (Phase E) between 2021 and 2024/25 and enable adjacent private home owners to buy into the scheme and build their own specification with financial assistance.	1, 2	M		B	D	H
179	Deliver all new Council Homes to new zero carbon and climate resilient standard from 2022 onwards.	1, 2, 3	M		B	D	H
180	Audit opportunities for brownfield redevelopment, refurbishment, change of use and better utilisation of existing building stock across the district.	2, 3	H		B	D	L
181	Develop policies and incentives to enable greater take-up of brownfield development opportunities in order to reduce reliance on greenfield development.	2, 3	H		B	E	L
182	Identify opportunities to expand retrofit programmes aimed at Council's own stock to include adjacent and nearby private stock.	2, 3	L		B	E	L
183	Develop a programme to enable the public to view demonstrator energy efficiency and low carbon heat solutions in practice around the district.	2, 3	M		B	S	L
184	Expand the existing Somerset Safe and Warm Advice Service to deliver retrofit opportunity assessment services to all across the district.	2, 3	H		B	E	M
185	Develop Local Plan Policies and/or Local Development Orders to ensure that energy efficiency and low carbon heat retrofit solutions are enabled and not unreasonably impeded by planning.	2	L		B	E	L
186	Develop a refreshed Fuel Poverty strategy for Somerset to help target retrofit programmes towards fuel poor and vulnerable households.	2, 3	H		B	D	L
187	Develop and deliver a model for social prescribing of housing retrofit through utilisation of frontline healthcare workers.	2, 3	H		B	E	L
188	Deliver a rural exemplar housing scheme retrofitting 6-10 Council homes and building a further 8-12 new low carbon Council homes.	1, 2	H		B	D	H

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
189	Carry out intrusive surveys of relevant properties within our Council-owned housing stock to ascertain best approach for retrofit / disposal.	1, 2, 3	H	 	B	D	M
190	Roll out delivery of major retrofit programme to Council-owned housing stock.	1, 2, 3	H	 	B	D	H
191	Dispose of (sell or demolish and replace) relevant Council-owned housing stock which is not viable or suitable for retrofit.	1, 2, 3	H	 	B	D	H
192	Seek funding through the interest-free SALIX fund and deliver measures recommended by the audit of Council offices and non-residential buildings to improve energy and carbon performance.	1, 2	M	 	B	D	M
193	Explore potential for tidal energy generation off the West Somerset coastline.	2, 3	H	 	E	S	L
194	Deliver on opportunities for generating low carbon and renewable energy and energy storage on our own assets.	2	H	 	E	D	H
195	Deliver renewable energy generation as part of all new Council developments and new developments on Council owned land.	1, 2	M	 	E	D	H
196	Identify and deliver on opportunities for demand side response and grid balancing services within the Council's estate.	1, 2	M	 	E	D	M
197	Develop a communications campaign raising awareness about energy conservation, efficiency and generation and the transition to a smart, flexible system with consumers taking a more active role in balancing grid demand in future (smart meters, renewable energy, smart buildings, appliances V2G etc.).	2	M	 	E	S	L
198	Develop and deliver a communications campaign raising awareness of heat pumps and other low carbon heat solutions for homes and businesses.	2	L	 	E	D	L
199	Work with partners to deliver additional public charge points across the district in line with the Somerset EV Charging Strategy.	2	H	 	T	E	M
200	Deliver low carbon driver training to staff.	1, 2	L	 	T	D	L
201	Publicise the OLEV Workplace Charging Scheme to businesses across the district.	2	M	 	T	S	L
202	Transition Council vehicle fleet to EVs.	1, 2	M	 	T	D	M
203	Develop a communications campaign to build awareness and confidence in EVs and EV charging infrastructure, whilst continuing to caution the rebound effect and impact of EVs compared to active travel.	2	H	 	T	S	L

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
204	Develop an incentive scheme to enable lower income groups greater access to EVs.	2	H		T	E	H
205	Deliver a community EV car club in Taunton as part of establishing the Garden Town.	2	M		T	D	M
206	Work with partners to develop and trial alternative fuel and/or electric bus fleets on commercial routes and seek to enable provision of appropriate infrastructure.	2	H		T	E	M
207	Develop scheme of long-term incentives (including consideration of major subsidisation/reduction of fare prices) to drive usage of Taunton P&R service and other bus routes around the district.	2	H		T	E	H
208	Enable delivery of a new Park & Bus facility adjacent to the A38 as part of the Comeytrove Garden Community.	2	H		T	E	L
209	Work with partners to explore potential for mass-movement rapid transit routes between Taunton and Yeovil.	2	H		T	D	M
210	Work with SCC to deliver real-time service information at bus stops and via apps.	2	M		T	S	L
211	Develop outline and full business cases for the re-opening of Wellington Train Station, subject to success of strategic outline business case.	2	H		T	E	H
212	Commission a study exploring potential to deliver regular commercial rail services to Bishops Lydeard and beyond to Minehead along the West Somerset Railway.	2	H		T	E	H
213	Prepare and deliver on a revised Parking Strategy for Taunton identifying opportunities to effectively reduce car parking in the town centre alongside improvement of sustainable alternatives and differential charging to encourage transition to EVs.	2	H		T	D	H
214	Implement a trial workplace parking levy at the Council's Deane House offices in Taunton.	1, 2	M		T	D	L
215	Commission a study exploring the potential to develop a workplace parking levy across Taunton town centre.	2	H		T	D	L
216	Progress and deliver other remaining new/improved walking and cycling routes in and around Taunton in line with the priorities identified in the Taunton Local Cycling and Walking Infrastructure Plan (LCWIP).	2	M		T	E	H
217	Deliver the other Taunton Cycle Network Upgrades identified by Taunton Area Cycle Campaign in order to make Taunton a Beacon Cycling Town.	2	M		T	E	H
218	Develop proposals for a walking and cycling route between Comeytrove-Trull Garden Community and Vivary Park/South Road in Taunton.	2	M		T	D	M
















Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
219	Develop LCWIPs for Wellington, Minehead and Watchet/Williton identifying priorities for infrastructure investment.	2	M		T	E	L
220	Deliver completion of the Steam Coast Trail network of multi-use paths between Minehead and Watchet/Williton and potentially beyond.	2	H		T	D	H
221	Deliver a cycle route between Wellington and Taunton.	2	H		T	D	H
222	Develop proposals to deliver a cycle route between Wiveliscombe, Milverton and Taunton focusing on the potential for e-bikes.	2	H		T	D	H
223	Develop plans for a demonstrator cycle route along the A38 between Wellington-Taunton-Bridgwater focusing on the potential for e-bikes.	2	H		T	E	H
224	Develop plans for a demonstrator cycle route along the A358 between Taunton-Ilminster focusing on the potential for e-bikes.	2	H		T	E	H
225	Explore opportunities to incentivise walking and cycling through infrastructure (e.g. installation of signs showing time to key destinations and CO2 saved, prioritised traffic lights, waiting rails, cycling bins etc.).	2	L		T	S	M
226	Develop a communications campaign promoting e-bikes and e-scooters.	2	H		T	S	L
227	Develop an e-bike and e-scooter incentive scheme for Somerset.	2	H		T	E	L
228	Deliver a pool bike/e-bike/e-scooter scheme in Taunton initially, then look to potentially roll out to other towns and rural areas in time.	2	H		T	E	M
229	Develop a dynamic communications campaign around the benefits of walking and cycling and the vision for a better future.	2	M		T	S	L
230	Purchase e-bikes for Council staff use when conducting business travel and provide training in their use to all staff.	1, 2	L		T	D	L
231	Explore potential for a shuttle service between West Somerset House and Deane House to consolidate vehicle travel when meetings / events mean that there is likely to be significant travel between West Somerset and Taunton.	1, 2	L		T	D	M
232	Develop a communications campaign to encourage car-pooling across the district.	2	M		T	D	L
233	Develop a fun and engaging community incentive scheme that rewards people for using more sustainable modes of transport.	2	M		T	E	M
234	Work with SCC to develop and deliver traffic reduction measures such as low traffic neighbourhoods, school streets, 20mph zones, active travel and bus priority in urban locations, starting with a 20mph limit in Taunton town centre.	2	H		T	E	H

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
235	Work with SCC to develop and deliver on a strategy identifying population movements to understand an appropriate public transport network and then work with partners and government to bring together funding and development plans.	2	H		T	E	H
236	Lobby Highways England to ensure that its Delivery Plans address the latest climate projections for Somerset in its Climate Change Adaptation Strategy and Framework.	3	H		T	L	L
237	Lobby Network Rail to ensure that its Weather Resilience and Climate Adaptation Strategy address the latest climate projections for Somerset.	3	H		T	L	L
238	Work with SCC to develop a Somerset Highways Adaptation Plan taking account of latest climate projections for Somerset.	3	H		T	S	L
239	Work with partners to develop a freight and last mile deliveries strategy considering potential for freight consolidation centres and decarbonisation of deliveries across the district.	2	H		T	E	L
240	Work with SCC to integrate cargo bike loading bays into the public realm in town centres.	2	M		T	D	M
241	Signpost businesses in the district to the online toolkit, advice, guidance, and resources for carbon auditing and reduction being developed by SCC.	2	M		I	S	L
242	Set up and signpost businesses to a (self-sustaining) business peer network for sharing news, good practice, and encouraging collaboration on decarbonisation, mitigation and adaptation.	2, 3	M		I	S	L
243	Work with partners to integrate low carbon and sustainability criteria, and sponsor a specific low carbon business award category into the Taunton Deane Business Awards from 2021.	2	L		I	S	L
244	Communicate best practice in carbon and energy reduction and wider sustainability amongst businesses in the district.	2	L		I	S	L
245	Support The Onion Collective and Biohm in developing their circular economy business which uses fungi to consume waste bi-products from local industry and manufacturing to grow high performing insulation materials for construction.	2	M		I	S	L
246	Work with SCC to secure funding to design, deliver and communicate a major business advice and grant scheme for SMEs to support carbon reduction, both on-site and within their broader value chains (upstream and downstream/supply chains).	2	H		I	E	M
247	Develop a communications campaign to encourage shops and other businesses to reduce energy wastage such as through leaving doors open with heat on.	2	L		I	S	L
248	Work with major energy consuming businesses across the district to identify potential opportunities to reduce and decarbonise energy use.	2	H		I	S	L
249	Deliver a Digital Innovation Centre on Firepool to begin forming a digital/sustainability-focused cluster.	2, 3	M		I	E	L

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
250	Work with Bridgwater and Taunton College to ensure that courses are offered and pushed that will help address identified skills gaps.	2, 3	H		I	S	L
251	Deliver training to all officers responsible for commissioning services and purchasing goods to ensure they understand how they should take account of climate considerations during the procurement process.	1	H		I	D	L
252	Develop a Green Procurement Strategy to reduce the carbon impact of our supply chain and help to develop a circular economy, including requirements to disclose GHG emissions associated with contract delivery and increase reuse and incorporation of recycled content into purchasing requirements.	1, 2, 3	H		I	D	M
253	Work with the Somerset Waste Partnership (SWP) to scope out what is necessary to support development of a local circular economy, barriers and sectors to focus on.	2	H		W	E	L
254	Work with SWP to ensure effective implementation of forthcoming Deposit Return Scheme by working with businesses subject to requirements and communities who may potentially lack suitable infrastructure (e.g. rural communities).	2	L		W	S	L
255	Work with SWP to deliver a water refill scheme in the district through communications, engagement with businesses, and exploring opportunities to install refill points in Council buildings.	2	L		W	S	L
256	Support SWP in developing or signposting to information on alternatives to single use plastic and pros and cons of these alternatives in order to avoid switching to less sustainable alternatives.	2	M		W	S	L
257	Work towards becoming a certified "Plastic Free" Council.	1, 2	L		W	D	L
258	Work with SWP to signpost other parties interested in becoming certified as "plastic free" to relevant support and guidance to ensure that plastic free alternatives are no less sustainable.	2	L		W	D	L
259	Develop a pilot to explore the most effective ways to maximise recycling on the go.	1, 2	L		W	D	M
260	Incorporate improved public recycling and litter bins into Council regeneration developments and Public Space Improvement Projects in Taunton town centre and explore opportunities to roll out to other parts of the district in future years.	1, 2	L		W	D	M
261	Work with partners and suppliers to reduce waste from deliveries and improve waste management in supply chains.	1, 2	M		W	D	M
262	Work with SWP to align corporate waste stream collections and data across the Somerset Councils and procure a consistent collection service that mirrors the household service,	1, 2	M		W	D	M

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
	allowing staff to recycle more, minimise waste and also provide a template to expand to others.						
263	Work with SWP to develop a collaborative procurement pilot with businesses in Taunton town centre to secure greater levels of recycling and separated waste collections for associated businesses more akin to domestic collections, then subsequently look to explore further opportunities around the district.	2	H		W	E	M
264	Explore introduction of a publicly visible sustainable waste management standard for businesses to demonstrate compliance with.	2	M		W	E	L
265	Work with SWP to support and promote reuse, reuse shops, repair cafes, surplus food distribution initiatives and community fridges and other initiatives as well as groups who want to set up new initiatives.	2	L		W	S	L
266	Deliver training to planning officers and Members to raise awareness of the relationship between planning, waste, the circular economy and instilling behaviour change.	2	L		W	E	L
267	Work with partners to investigate opportunities to generate renewable energy at closed landfill sites.	2	M		W	E	L
268	Work with SWP to develop a route map to decarbonising transport emissions associated with waste and recycling including monitoring opportunities for decarbonising the vehicle fleet.	1, 2	M		W	D	M
269	Work with SWP to promote rollout of Recycle More across the district.	2	M		W	D	L
270	Promote SWP's 'Recycling A-Z' guide.	2	L		W	S	L
271	Support and promote expansion of local composting schemes.	2	M		W	S	L
272	Work with partners across the South West to develop a Circular Regional Food System in the South West.	2, 3	M		F	S	L
273	Develop an action plan to improve access to healthy and climate friendly food for lower income groups and deprived communities.	2, 3	M		F	E	L
274	Prioritise procurement of food within local authority control (mainly corporate refreshments) from initially local, climate friendly sources.	1, 2, 3	L		F	D	L
275	Work with SLM (Everyone Active) to prioritise procurement of food sold at our leisure centres from initially local, then national and international climate friendly sources.	2, 3	L		F	E	L
276	Work with communities and land owners to deliver new orchard planting.	2, 3	M		F	S	L
277	Work with communities to enable community use of appropriate waste and under-used land to grow food.	2, 3	M		F	E	L

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
278	Use relevant events and trusted intermediaries including FWAG, the NFU, Village Agents and parish councils to communicate use of farm carbon reduction tools, the economic and co-benefits case for action and best practice in farms responding to the climate and ecological emergencies amongst farms and communities across the district.	2, 3	H		F	S	L
279	Work with partners to promote Community Supported Agriculture models across the district.	2, 3	L		F	S	L
280	Work with partners to create a forum for ongoing meaningful engagement with farmers and landowners to advance delivery of wider environmental and public benefit actions through agriculture.	2, 3	H		F	E	L
281	Support farmers, land owners and local communities to deliver re-wilding projects and re-instate major carbon sequestering features such as saltmarshes, peatlands and wetlands.	2, 3	H		F	S	L
282	Work with farmers and landowners to bring forward, encourage and enable tree planting and hedgerow creation, restoration and expansion.	2, 3	H		N	E	L
283	Deliver training on the Nature Recovery Network Strategy, data and map to all relevant officers, Members and communities.	2, 3	H		N	D	L
284	Work with town and parish councils and community groups to develop, co-ordinate, support and train a Community Nature Network of community volunteers to help deliver the Nature Recovery Network Strategy locally.	2, 3	H		N	S	L
285	Develop a toolkit / guidance for community tree planting in line with the Nature Recovery Network Strategy and our own district Green Blue Infrastructure Strategy to ensure the right trees are planted in the right places for the right reasons.	2, 3	M		N	E	L
286	Purchase land specifically for delivery of tree planting and other green infrastructure and adaptation measures, focusing on locations where multiple co-benefits can be realised to maximise public benefit.	1, 2, 3	H		N	D	H
287	Work with partners to develop access to nature social prescribing programmes and communicate the health and wellbeing benefits of engaging with the natural environment.	2, 3	L		N	E	L
288	Appoint additional tree, ecology and enforcement officers to monitor compliance with tree and biodiversity net gain policies.	2, 3	M		N	D	M
289	Work with partners to develop a Somerset Land Use Strategy comprising of a soil strategy, water quality strategy, peat strategy, land use capacity/potential, planning for sea level rise	2, 3	H		N	D	L
290	Work with partners to establish a "Wilder Somerset Fund" to deliver the actions of the Nature Recovery Network.	2, 3	H		N	E	H
291	Work with Somerset Wildlife Trust to develop further detailed management plans for our other Council owned open spaces.	1, 2, 3	L		N	D	L












Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
292	Enable community groups to take action by helping them to access funding for tools, seeds, trees etc.	2, 3	L		N	E	L
293	Work with local suppliers to establish a scheme to encourage and incentivise planting of an apple tree in every garden in Taunton	2, 3	L		N	S	L
294	Explore potential for growing trees in Council nurseries on a commercial scale.	1, 2, 3	L		N	D	L
295	Work with town and parish councils and community groups to identify opportunities for and to deliver community woodlands.	2, 3	L		N	S	L
296	Work with town and parish councils and community groups to provide opportunities for local people to get involved with planting trees.	1, 2, 3	L		N	E	L
297	Work with partners to develop a Tree Warden Scheme to provide a network of volunteers to help water and maintain trees across the district.	2, 3	L		N	E	L
298	Work with partners to deliver and expand on proposals for planting at least 11,281 trees as part of the Somerset Wood.	1, 2, 3	L		N	E	M
299	Work with partners on catchment wide Natural Flood Management programmes, supporting organisations to deliver schemes that would benefit our area including monitoring success of the National Trust Riverlands project on the Holnicote Estate near Porlock and applying lessons learned elsewhere.	3	H		Wt	S	L
300	Deliver high-quality multi-benefit SUDS as part of all appropriate new Council developments, including an exemplar scheme as part of the Firepool development.	3	H		Wt	D	M
301	Review all Council land holdings for opportunities to retrofit SUDS.	3	H		Wt	D	L
302	Develop a Level 2 Strategic Flood Risk Assessment to cover recommendations as set out in the Level 1 SFRA and emerging Local Plan proposals if necessary.	3	H		Wt	D	L
303	Deliver remaining projects identified by the Taunton Strategic Flood Alleviation Improvement Scheme.	3	H		Wt	D	H
304	Encourage the establishment of local Flood Action Groups to work on behalf of the wider community to raise local awareness and help to reduce the impact of future flood events.	3	H		Wt	S	L
305	Develop a communications campaign to engage communities and build understanding of local climate risks and potential timescales, build local resilience and manage risk.	3	H		Wt	S	L
306	Work with partners to develop flooding and coastal change resilience plans using the adaptive pathways approach for our communities most at risk from projected climate change impacts such as along key parts of the West Somerset coast and Curry Moor explicitly exploring which areas should be protected and which areas should not.	3	H		Wt	E	L

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
307	Work with partners to develop a plan to address potential aquatic invasive species and potential impacts on indigenous aquatic species based on climate predictions.	3	H		Wt	S	L
308	Work with partners to develop a ClimateWise pilot in Somerset to demonstrate how insurance can take better account of the risks and opportunities posed by climate change and be part of the solution.	2, 3	H		Wt	E	L
309	Lobby Wessex Water and South West Water to develop and deliver on a strategy to reduce energy use and carbon emissions arising from water treatment, movement, storage and management for supply to the district.	2	M		Wt	L	L
310	Work with Wessex Water and South West Water to identify opportunities for renewable energy use and generation through the water processing cycle.	2	M		Wt	S	L
311	Assess opportunities for water efficiency improvements, rain and grey water harvesting within Council buildings and deliver where appropriate.	1, 2, 3	L		Wt	D	L
312	Review potential for green burials and natural water cremation as lower carbon alternatives to traditional cremation and engage with the public to understand appetite for these options.	1, 2	L		M	D	L
313	Develop a Council-owned trial site for green burials co-located with tree planting.	1, 2	L		M	D	M
314	Undertake a review of potential accredited offsetting schemes that the Council could use towards offsetting remaining emissions necessary to achieve carbon neutrality.	1, 2	L		M	D	L
315	Work with local stakeholders to identify projects in the district that could obtain formal accreditation for the Council and others to invest in to offset remaining emissions.	1, 2, 3	H		M	E	L
316	Develop a mechanism for local residents and businesses and our supply chains to invest in local projects to offset emissions.	1, 2, 3	H		M	E	L
317	Work with the Somerset County Council Pension Fund to measure and reduce the carbon intensity of the Pension Fund's investments.	1, 2, 3	H		M	L	H
318	Develop a crowdfunding model to aggregate donations towards a community climate action fund.	2, 3	M		M	S	L
319	Develop a communications campaign to raise awareness of climate-related anxiety alongside other mental health issues and signpost services for support.	3	L		M	S	L
320	Develop communications campaign promoting a target carbon footprint for households incorporating guidance on what this means for the average household. Promote an easy to use carbon footprinting tool to help monitor this.	2	H		M	S	L
321	Develop a communications campaign to encourage our communities to reduce consumption of consumer products and buy quality, sustainable products when they need to.	2, 3	H		M	S	L
322	Develop a local incentive scheme to encourage people to purchase energy efficient products such as white goods.	2	L		M	E	L

Ref	"Short Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
323	Develop an awards scheme focusing on celebrating climate action in the community.	2, 3	L		M	S	L

Medium Term

Ref	"Medium Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
324	Deliver Firepool as an exemplar for zero carbon and climate resilient development starting with a Local Development Order and Masterplan to facilitate this in 2021/22.	1, 2, 3	M		B	D	H
325	Develop a Supplementary Planning Document providing guidance on retrofitting energy efficiency, low carbon heat and renewable energy to historic buildings.	2, 3	M		B	E	L
326	Explore impacts and opportunities that climate change, mitigation and adaptation present to our designated and non-designated heritage assets, particularly those identified as being 'at-risk'.	2, 3	M		B	E	L
327	Work with the University of Exeter to explore a hydro-electric testing facility on the River Exe in Dulverton.	2	M		E	E	L
328	Work towards the Council being able to purchase 100% of its electricity supply from locally generated renewable energy sources via direct and virtual supply.	1, 2	H		E	E	H
329	Work with EDF to explore potential for hydrogen production at Hinkley Point and trialling of hydrogen in the gas grid and transport.	2	H		E	S	L
330	Develop a Local Area Energy Plan for Somerset.	2, 3	H		E	D	M
331	Set licencing requirement for EV taxis once sufficient charging infrastructure in place.	2	M		T	E	L
332	Work with partners to deliver a Bus Rapid Transit scheme between Bridgwater, Monkton Heathfield, Taunton, Comeytrove and Wellington.	2	H		T	D	H
333	Work with partners to develop viable and sustainable, data-led, on-demand public transport solutions to serve Somerset.	2	H		T	E	H
334	Work with town and parish councils and community groups to explore potential local walking and cycling upgrades outside of the main towns.	2	L		T	S	L
335	Deliver a digital network across the district in line with the Digital Strategy.	2, 3	H		T	E	H
336	Deliver a series of mobility hubs which bring together public transport, car club and pool bike opportunities in each location and link well into walking and cycling networks.	2	H		T	E	M
337	Work with partners to develop a University in Taunton and Research and Innovation Park at Taunton with a focus on circular economy, innovation in manufacturing processes and delivering carbon neutrality in the South West.	2	H		I	E	M
338	Work with partners to encourage a "design for sustainability" approach in manufacturing and to develop a circular economy in the South West.	2	H		I	S	L

Ref	"Medium Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
339	Work with SWP to identify stakeholders in Somerset who may need additional support in order to recycle effectively and seek to develop a cost-effective pilot which improves recycling and reduces waste.	2	L	  	W	S	L
340	Work with SWP to enable delivery of the recommendations of the proposed countywide reuse strategy once complete.	2	L	  	W	E	L
341	Work with partners to develop a Somerset Food Strategy to include initiatives to reduce food waste.	2, 3	H	    	F	D	L

Long Term

Ref	"Long Term" Action	Goal	Impact	Co-benefits	Workstream	Role	Cost
342	Re-open Wellington Train Station	2	H		T	E	H
343	Develop proposals to re-purpose the route of the former Mineral Line railway as a cycle route connecting rural parts of West Somerset and Exmoor to Watchet.	2	L		T	D	H
344	Work with partners to deliver on the aspiration for a Somerset Forest, restoring and connecting habitats in a ring around the Levels.	2, 3	H		N	E	M
345	Develop and deliver additional long term tree planting projects on Council-owned and other land in line with the Nature Recovery Network Strategy and our own Green Blue Infrastructure Strategy.	1, 2, 3	M		N	D	H