



Natural Environment, Climate & Ecology Action Plan

2023-25 Refresh



Climate Change | **Carbon Neutral Dorset**
Biodiversity Loss | **Nature Positive Dorset**
Adaptation | **Resilient Dorset**

Enabling Programme

	ACTION	MISSION
E1	Strengthen the structures and mandate for our operational and facilitation programmes, including integrating decision-making across structures (e.g., with the Highways Asset Risk and Programme Board).	All
E2	Develop and embed impact and appraisal tools for use in key projects, programmes and strategies.	All
E3	Embed climate, nature and resilience in our key corporate and place strategies & plans (such as our new Local Plan, Local Transport Plan, asset management approach, housing strategy etc.).	All
E4	Lobby and work with government, regulators and other key stakeholders through engagement, consultations and forums on barriers, powers, resourcing, enforcement and national ambition (e.g., on offshore wind, grid infrastructure, public transport, gigabit broadband etc.)	All
E5	Enable revenue and capital resource for delivery – including through core resourcing, our capital programme, invest-to-save, relevant developer contributions, external grant funding, inclusion in investment prospectuses, revenue generation, catalysing private finance and crowdfunding, and encouraging the uptake of funding by other local stakeholders.	All
E6	Further embed climate, nature and resilience in our commissioning and procurement processes to cut the footprint of suppliers and encourage our purchase of more sustainable goods and services (e.g., energy efficient equipment, or sustainable food produce and equipment through catering services and contracts).	All
E7	Develop and support local external relationships and partnerships to build support, collaborate and influence local stakeholders (e.g., our Local Nature Partnership, Local Enterprise Partnership, Western Gateway STB, Dorset Coast Forum, Dorset Catchment Partnerships, our Urban Heath Partnership, utilities, regulators and enforcement agencies).	All
E8	Support our Town and Parish Councils and help to encourage and facilitate community-led action.	All
E9	Develop and deliver external-facing communications, engagement, consultation, and promotional campaigns for each mission, in order to share accessible information and guidance, toolkits, and best practice case studies for our residents, Town & Parish Councils, schools, businesses and land managers.	All

E10	Improve the awareness, engagement and knowledge of our members, employees and service providers through campaigns, briefings, training and green champions.	All
E11	Strengthen our data collection, monitoring and reporting to better capture the Council and County footprint and our progress for climate, nature and resilience; and enable key strategic research on our baseline, scenario modelling, risk areas, pressures, or opportunities (including mapping).	All

Operational Programme (Direct)

	ACTION	MISSION & SUB-OBJECTIVE
01	Identify and implement further opportunities on the Council estate (including employment land and premises like Dorset Innovation Park) for small- and large-scale renewable deployment and flexibility measures to meet council demand.	1.1. Renewable Generation: Expand renewables on our estate
02	Identify and implement further opportunities on the Council estate (including employment land & premises like Dorset Innovation Park) for heat decarbonisation or trialing.	2.1. Heat: Decarbonise heating on our estate
03	Identify and implement further opportunities on the Council estate (including employment land and premises like Dorset Innovation Park) for heat and water efficiency and demand-reduction measures (including expanding centralised Energy Management Systems and reviewing operational controls on energy using equipment).	3.1. Energy & Water Efficiency: Identify and implement opportunities on our estate.
04	Further improve the energy efficiency of streetlighting, bollards and signals through technology and management.	3.2. Energy & Water Efficiency: Further invest in energy efficient upgrades for streetlighting, bollards and signals
05	Establish a policy to ensure all new buildings that Dorset Council has direct influence over are zero-carbon (i.e., a negative BER)	5.1. Development: Encourage net zero new builds
06	Promote the use of digital technology within the Dorset Council workplace to reduce the need to travel and implement a new council travel plan to reduce the impact of staff commuting and business travel.	4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
07	Develop schemes and signposting on support for Council employees.	2.3. Heat: Extend our retrofit advice & support offer 3.3. Energy & Water Efficiency: Promote, deliver and enforce energy and water efficiency measures and behaviors. 4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment

		4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
08	Identify and implement opportunities for EV charging infrastructure on the Council estate and investigate alternative fuel options.	4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment
09	Continue our fleet replacement programme by introducing further electric and alternative-fueled vehicles and optimise routes.	4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment
010	Upskill Dorset Highways employees, utilising government capacity funding and participation in centres of excellence development programmes.	4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment
011	Use innovative low energy road surfacing materials and processes.	5.2. Development: Promote sustainable materials use & waste management
012	Become a low waste council and move towards a more circular economy by reviewing our waste reduction policies, minimising single use products, cutting food waste, reuse and refurbishment of all furniture and IT equipment, and promoting reuse, repair, refurbishment, and recycling of products within the organisation (e.g., through policy, comms and procurement).	6.1. Waste: Become a low waste Council by 2040
013	Understand the baseline impacts from the council's use of IT and develop a plan to reduce them, including remanufacture, reuse and refurbishment options.	3.1. Energy & Water Efficiency: Identify and implement opportunities on our estate
014	Develop and deliver a strategic approach for the design, delivery and monitoring for species and pollution mitigation (e.g., nitrates and heathland), Biodiversity Net Gain, carbon sequestration and public greenspace - including for effective use of developer contributions.	8.1. Nature: Create and embed a Local Nature Recovery Strategy 8.2. Nature: Take action on own estate
015	Identify and deliver opportunities on our own land to enhance ecosystem functioning, boost biodiversity and nature-based solutions for climate and resilience, reduce our use of chemical inputs, and ensure appropriate storage of hazardous materials.	8.2. Nature: Take action on own estate
016	Enhance ecosystem functioning on our Council Farm estate by working with tenants to encourage more low carbon and nature-positive land and water management (e.g., by reducing fertiliser use).	7.1. Food: Transition our County Farms estate to low-emission and nature-positive food production 8.2. Nature: Take action on own estate
017	Enhance the design and management of highways and green spaces for climate, biodiversity net gain and resilience (e.g., by expanding cut & collect or reviewing chemical use and electrifying equipment)	8.2. Nature: Take action on own estate

O18	Further decarbonise the Dorset Council pension scheme.	All
O19	Assess the Council's vulnerability to climate change.	9.1. Resilience: Assess our vulnerability
O20	Mainstream climate risks in our risk-management, decision-making, wider policy and business continuity arrangements.	9.2. Resilience: Mainstream

Facilitation Programme (Indirect & Influence)

ACTION		MISSION & SUB-OBJECTIVE
F1	Seek resource to continue the Low Carbon Dorset programme to promote and bolster advice on deployment in Dorset.	1.3. Renewable Generation: Extend Low Carbon Dorset 2.3. Heat: Extend our retrofit advice & support offer
F2	Encourage and enable community-led deployment.	1.3. Renewable Generation: Extend Low Carbon Dorset
F3	Create a Local Area Energy Plan with key partners.	1.4. Renewable Generation: Influence strategic energy planning for a locally efficient and responsive grid
F4	Research opportunities for large-scale installation of low carbon heating and hydrogen generation and seek opportunities to pilot and test deployment (e.g., in social housing).	2.2. Heat: Identify opportunities in wider Dorset
F5	Further assist residents to decarbonise heating and improve energy efficiency through the Healthy Homes Dorset Scheme and targeted comms campaigns.	2.3. Heat: Extend our retrofit advice & support offer 3.3. Energy & Water Efficiency: Promote, deliver and enforce energy and water efficiency measures and behaviors
F6	Enforce minimum energy efficiency standards in the private rental sector (with a focus on EPC certificates E & F without exemptions)	3.3. Energy & Water Efficiency: Promote, deliver and enforce energy and water efficiency measures and behaviors
F7	Work in partnership (e.g., with Registered Social Landlords or schools) to develop, deliver, trial and pilot generation, efficiency improvements, and innovative low carbon techniques (e.g., off-site manufacturing) for Dorset's buildings – including hard-to-treat properties (e.g., those in conservation areas and listed buildings).	3.3. Energy & Water Efficiency: Promote, deliver and enforce energy and water efficiency measures and behaviors. 2.2. Heat: Identify opportunities in wider Dorset
F8	Liaise with water companies to identify and eliminate water leaks on our estate and in Dorset.	3.3. Energy & Water Efficiency: Promote, deliver and enforce energy and water efficiency measures and behaviors
F9	Prepare a new vision-led (decide and provide) joint Local Transport Plan (including a local 2050 net zero transport pathway) and supporting strategies, aligned with the Local Plan and regional priorities.	4.3. Transport: Embed infrastructure provision and modal shift in policy and strategy

F10	Improve the user experience by investing in active travel, public transport, shared mobility and integrated multi-modal services.	4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
F11	Deliver campaigns and public health initiatives that engage, support, and influence to increase active travel, reduce the need to travel, and achieve other sustainable outcomes.	4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
F12	Embrace digital alternatives to travel and future mobility solutions that provide clear information across a range of travel modes and promote use of the most sustainable travel options.	4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
F13	Continue to support greater deployment and strengthening of high-speed broadband/ ICT infrastructure in Dorset.	4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
F14	Deliver accelerated public EV chargepoint deployment to create an accessible network across all of Dorset through the LEVI pilot and private sector investment, and seek funding to further expand EV and alternative fuel infrastructure.	4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment
F15	Explore means of encouraging ULEVs through licensing.	4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment
F16	Ensure our rights of way network is promoted and maintained to a high standard and increase the provision of off-road routes.	4.2. Transport: Enable modal shift and cut the need to travel for personal, commuting, business and logistics journeys
F17	Support local implementation of evolving regulations and standards for new low carbon technology – making Dorset a safe place to take advantage of green tech and giving public assurance around standards and safety.	1.2. Renewable Generation: Enable wider deployment. 2.3. Heat: Extend our retrofit advice & support offer 4.1. Transport: Accelerate electric vehicle and charging infrastructure deployment
F18	Undertake research and mapping to enable planning policy in support of this strategy (e.g., on suitable renewables deployment sites, grid constraints, heat mapping, flood and erosion risks etc.)	1.2. Renewable Generation: Enable wider deployment through planning. 2.4. Heat: Enable deployment for new builds through planning 4.3. Transport: Embed infrastructure provision and modal shift in policy and strategy 5.1. Development: Encourage net zero new builds 5.2. Development: Promote sustainable materials use & waste management

		<p>5.3. Development: Protect and enhance our ecological network</p> <p>5.4. Development: Minimise climate risks</p>
<p>F19</p>	<p>Create a new Local Plan that ensures high standards of design, siting and construction of developments and effectively supports this strategy (including identifying renewable deployment sites and integrating with the Local Transport Plan on sustainable travel).</p>	<p>1.2. Renewable Generation: Enable wider deployment through planning.</p> <p>2.4. Heat: Enable deployment for new builds through planning</p> <p>4.3. Transport: Embed infrastructure provision and modal shift in policy and strategy</p> <p>5.1. Development: Encourage net zero new builds</p> <p>5.2. Development: Promote sustainable materials use & waste management</p> <p>5.3. Development: Protect and enhance our ecological network</p> <p>5.4. Development: Minimise climate risks</p> <p>7.3. Food: Identify and implement opportunities to support more community growing</p> <p>8.1. Nature: Create and embed a Local Nature Recovery Strategy</p> <p>9.2. Resilience: Mainstream adaptation in our decision-making, wider policy and business continuity arrangements</p>
<p>F20</p>	<p>Create and adopt planning guidance, tools, codes, and training to further support this strategy (e.g., on net zero homes standards, sustainable construction and materials use, walking and cycling, parking standards, ULEVs, travel plans, conservation-sensitive measures or SUDs)</p>	<p>1.2. Renewable Generation: Enable wider deployment through planning.</p> <p>2.4. Heat: Enable deployment for new builds through planning</p> <p>4.3. Transport: Embed infrastructure provision and modal shift in policy and strategy</p> <p>5.1. Development: Encourage net zero new builds</p> <p>5.2. Development: Promote sustainable materials use & waste management</p>

		<p>5.3. Development: Protect and enhance our ecological network</p> <p>5.4. Development: Minimise climate risks</p> <p>8.1. Nature: Create and embed a Local Nature Recovery Strategy</p> <p>9.2. Resilience: Mainstream adaptation in our decision-making, wider policy and business continuity</p>
F21	Investigate and trial tools or methods on embodied carbon and whole-life costing.	5.1. Development: Encourage net zero new builds
F22	Ensure that applications fully consider climate, nature and resilience, and that there is effective internal consultation for their evaluation (e.g., with sustainability, waste and green infrastructure teams).	<p>5.1. Development: Encourage net zero new builds</p> <p>5.2. Development: Promote sustainable materials use & waste management</p> <p>5.3. Development: Protect and enhance our ecological network</p> <p>5.4. Minimise climate risks</p>
F23	Revise and deliver the Dorset Municipal Waste Management Strategy to align to the Environment Act, and detail how we will continue to minimise waste, maximise recycling and embed a circular economy within Dorset (through policy, infrastructure, contractual and service requirements).	<p>6.2. Waste: Manage Dorset's waste at the highest feasible level of the waste hierarchy</p> <p>6.3. Waste: Transition towards a circular Dorset</p>
F24	Deliver education/awareness projects and campaigns to encourage residents, businesses and schools to reduce, reuse and recycle waste and litter (e.g., on reusable nappies, composting, food waste, littering, and 'right stuff in the right bin').	<p>6.2. Waste: Manage Dorset's waste at the highest feasible level of the waste hierarchy</p> <p>7.4. Food: Support sustainable diets and the cutting of food waste</p>
F25	Support sourcing of local, nature positive, low carbon food produce by enabling community growing (e.g., orchards and allotments) and encouraging and enabling the retail of local produce.	<p>7.3. Food: Identify and implement opportunities to support more community growing</p> <p>7.4. Food: Support sustainable diets and the cutting of food waste</p>
F26	Promote nature-positive, low carbon farming, land and water management (e.g., by encouraging agri-environment scheme uptake, clustering, whole-farm advice, and facilitating private green finance opportunities).	<p>7.2. Food: Facilitate low-emission and nature-positive agri-fisheries practices in Dorset</p> <p>8.3. Nature: Enable wider delivery</p>

F27	Promote positive ecosystem-based fisheries management and sustainable aquaculture.	7.2. Food: Facilitate low-emission and nature-positive agri-fisheries practices in Dorset 8.3. Nature: Enable wider delivery
F28	Develop a Local Nature Recovery Strategy for Dorset.	8.1. Nature: Create and embed a Local Nature Recovery Strategy
F29	Explore the potential for commercial carbon sequestration	8.3. Nature: Enable wider delivery
F30	Promote and create opportunities for nature-based health & wellbeing activities, including with Children's and Adult's Services	8.3. Nature: Enable wider delivery
F31	Engage and work with the Environment Agency, Police and other regulatory enforcement bodies to tackle pollutant risks and waste crime.	8.3. Nature: Enable wider delivery
F32	Develop and implement an Air Quality Strategy for Dorset.	8.3. Nature: Enable wider delivery
F33	Assess Dorset's vulnerability to climate change.	9.1. Resilience: Assess our vulnerability
F34	Develop a partnership approach for Dorset-wide adaptation, linking with relevant structures and partners (like our Risk Management Authorities and Local Resilience Forum), and aligning with existing local flood and shoreline management approaches.	9.1. Resilience: Develop a partnership approach
F35	Work with partners to support the provision of local green education and skills training	All missions
F36	Promote Dorset's green economy and work with partners to attract investment, including developing Dorset Innovation Park as a centre of excellence and making Dorset a low-carbon tourism destination.	All missions