SDNP Climate Change Action Plan – 2023-24

CLIMATE CHANGE PROGRAMME I – ESTABLISHING A BASELINE FOR OUR CARBON TARGETS

Objective	Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Establishing a baseline for our Carbon Targets	Establish a baseline from which we can monitor the effectiveness of our actions to cut emissions. Produce options that allow us to demonstrate different trajectories to achieving our Net-Zero target. Update emissions data and land use, Land Use Change and Forestry (LULUCF) annually – based on UK national emissions data.	CHRIS FAIRBROTHER National Parks England, BEIS, UK National Parks and protected landscapes network.	 BEIS data – The updated emission data along with the latest Land Use, Land Use Change and Forestry (LULUCF) estimates issued to UK National Parks June /July 2023. Update of UK National Park carbon baseline model to take account of revised data. Development of monitoring and review of Corporate Plan targets linked to these annual updates, and a more comprehensive 5-year review linked to the PMP and Climate Change Adaptation Reporting Process. Develop a Comms Plan and annual reporting mechanism with case-study examples for Defra and other external audiences.
		CUDIC EAIDDDOTHED	
Setting Carbon Budgets National Park Authorities	Work to ensure each National Park has a production and consumption based Carbon Budget that is consistent across all National Parks.	CHRIS FAIRBROTHER National Parks England, UK National Parks and protected landscapes network.	Develop a programme to monitor and report on progress towards achieving their Net- Zero targets. Capture the learning and common themes across the participating Protected Landscapes
	Develop scenarios to reach net zero by the fastest time possible.		Development of a national programme to help to encourage and support behaviour change and climate action – based upon the 'Count Us In' platform.
	Develop a monitoring framework to report (ideally annually) on progress toward net zero.		UK National Parks to secure collective membership of 'Race to Zero' based upon our carbon baseline/Net-Zero targets. Develop this as a common framework to help partnership work with constituent local authorities, based upon shared metrics and targets.
			Improve links with BEIS – promote the National Park as a test-bed of nature-based solutions to inform and help develop their monitoring and reporting of national progress against Land Use, Land use Change and Forestry (LULUCF) targets.
		RESEARCH & EVIDENCE	
Research, Evidence & Monitoring	Develop better data on carbon storage by land use or habitat type, to make informed choices on land use change. Develop a greater understanding of how to maximise carbon	National Parks England, UK National Parks and protected landscapes network.	 Develop carbon mapping for habitats and land cover across the SDNP. This will identify the best nature-based carbon storage and sequestration options park-wide (Cranfield) This is part of our ongoing Climate Change Adaptation Planning role. The SDNPA risk
	storage through biodiversity projects. Develop case studies of nature based and adaptation solutions.	National Research Bodies: LWEC, NERC and CEH.	assessment will be revisited once the updated UK Climate Change Risk Assessment is published (expected early 2022)
	Research and monitor climate change impacts and trends.	Research Hub and Universities.	Address gaps in knowledge around habitat carbon in soils and some priority habitats. We are currently partners in a project with Sussex University, which will research the
	Develop research agenda and links with national level research bodies.		potential for soil carbon for habitat creation/restoration and agricultural reversion.

CLIMATE CHANGE PROGRAMME 2 – WORKING WITH OTHER NATIONAL PARK AUTHORITIES & CONSTITUENT LOCAL AUTHORITIES

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Joint Advocacy National Park Authorities	Convene the UK National Parks Climate Change & Energy Group. Advocate for policy change in Government to provide NPAs with the tools to deliver Net-Zero with Nature' Work with National Park Partnerships to secure funding for the Net Zero with Nature proposal.	CHRIS FAIRBROTHER National Parks England, UK National Parks and protected landscapes network.	 Develop opportunities for collaboration linked to the joint statement for the Protected Area on Climate Action launched at COP26. Continue to promote the statement to international partners and signatories for upcoming Biodiversity (COP15) and Climate Conferences (COP27) Set up a national monitoring and review framework informed by the carbon baseline assessments; improve UK National Parks ability to report collectively on their carbon emissions reductions and progress on Net-Zero targets. Develop collaboration between the UK National Parks and their constituent LPAs – using the 'race to zero' application/pledge as a common framework to drive this; The 'Net-Zero with Nature' funding platform (Revere) – establish and deliver the first tranche of projects. Develop link with the Small World carbon baseline assessments. Link with work on developing carbon markets and attracting private sector investment. Develop a model for adaptation reporting under ARP3 by the English National Parks and the National Association of AONBs. Integrate this work with PMP review cycle, and develop new Management Plan guidance with Defra.
Working with our constituent Local Authorities through the duty to co-operate.	Work with our Local Authority (LA) partners on Climate Change actions. Help support and add value to their work through the delivery of our own Climate Change Action Plan. Work with our LA partners to establish common metrics and targets that make a clear contribution to delivering national and locally based targets.	PLANNING SERVICES (with support from CPM) Climate Change Leads in Local Planning Authorities, Sector Partners such as South East Climate Action (SECA).	 We will work closely with our neighbouring Local Planning Authorities, under the 'Duty to Cooperate', to develop joint working on strategic and/or cross boundary themes. Through our Local Plan Review, this will include the 'mitigation of and adaptation to climate change.' This will include working cooperatively on developing a shared evidence base and metrics and targets.

2030 TARGET: COMMITTING TO THE SOUTH DOWNS NATIONAL PARK AUTHORITY BECOMING A 'NET ZERO' ORGANISATION BY 2030 CLIMATE CHANGE PROGRAMME 3 – MEETING A 2030 'NET ZERO' TARGET FOR THE SDNPA

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Improving the SDNPA's sustainable performance - becoming carbon neutral as an organisation by 2025.	Deliver effective carbon emission reductions for the SDNPA and monitor progress towards the organisations 2025 target. Develop a localised offsetting option for the SDNPA with key partners, where our GHG emissions cannot be reduced. Oversee the application of the SDNPAs sustainability policy – through its operations, estate and procurement activities.	CORPORATE SERVICES (TBC)	 Monitor the SDNPAs carbon performance against its emission reduction targets. Continue to report on this as a Corporate Plan priority. Continue to work through SDNPA Sustainability Action Plan, making progress on outcomes towards 2025 target. Develop an offsetting scheme with the Cowdray Estate, Forestry Commission and Woodland Trust via a Woodland Carbon Code accredited scheme. Investigate the potential for the SDNPA to become carbon positive in advance of the 2030 target

2040 TARGET: COMMITTING TO WORKING TOWARDS THE SOUTH DOWNS NATIONAL PARK BECOMING A 'NET ZERO WITH NATURE' BY 2040

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Tackling climate change through the role of the SDNPA's Planning Function	Embed the principle of both Biodiversity Net Gain within the planning system through SDNP Local Plan strategic policies. Use existing Local Plan policies to influence positive impact on landscape character and ecosystem function. Promote green corridors, high quality green spaces and street trees within the urban environment to improve capacity for regulating air quality, and managing climate change impacts at a local level.	PSMT Local Authority Partners, Natural England, Environment Agency, Developers and Planning Agents.	 Review of the South Downs Local Plan to commence during 2022-23. Start the assessment of evidence requirements for the review. Start/commission evidence work. Prepare LPR 2023-24 and run Regulation 18/19 consultation. Adopt LPR 2024-25. Opportunity to review and strengthen some policies relating to Climate Change and Community-based renewable. National list of planning policies will apply – which may have an impact (positive or negative). Not clear what exemptions may apply for National Parks yet.
Sustainable Construction – Supplementary Planning Document (SPD)	Promote energy efficiency and sustainable building standards in terms of design, materials and site layout. Implementation and monitor the delivery of our policy and SPD to understand their contribution to our emission reduction targets.	MARK WALLER-GUTIERREZ MHCLG, Local Authority Partners, Natural England, Environment Agency, Developers and Planning Agents.	 Renewable Energy Technical Advice Note (TAN) has been produced Use the existing Sustainable Construction SPD to deliver improvements. Explore the opportunity to review and strengthen some policies relating to Climate Change and sustainable construction through the Local Plan review.
Call for sites – Local Plan	Current call includes strategic/local sites for BNG and for community-based renewables.	PLANNING (TBC)	Deliver the best opportunities for local nature recovery and climate action through the call for sites. Ensure their contribution to GHG emission reductions and carbon sequestration are captured and accounted for against the SDNP Net-Zero targets.

CLIMATE CHANGE PROGRAMME 5 – WORKING WITH LOCAL COMMUNITIES TO DELIVER CLIMATE ACTION.

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Helping to develop resilient communities	Support Town and Parish Councils to become a central point for sharing best practice/advice with local residents on making a positive contribution to climate change action. Encourage local action within parishes and other community groups that supports the delivery of wider climate change targets. Work with a small number of pilot communities to establish the carbon emissions of their own operations. Establish action plans to improve energy performance. Encourage communities to use their CIL receipt and other sources of funding to improve their own environmental performance and contribute to their wider parish carbon reductions.	CHRIS FAIRBROTHER Community Energy South, Petersfield Climate Action Network, Worthing Climate Action Network, South East Climate Alliance, Winchester Action on Climate Change (WinACC), Greater Brighton Energy Group, Community Land Trusts and Transition Town Groups.	 Help build the capacity of communities to develop projects that reduce carbon emissions, generate renewable energy and protect nature. Support the exchange of learning and best practice from current Climate Action projects to other SDNPA communities. Develop and launch a Climate Change Resource Hub for Parish Councils and Local Community Groups. Support the WeCAN project to trial the development of 'Net-Zero' community-based plans – apply this learning with other parish and community groups across the SDNPA. Trial the production of carbon emissions 'heat maps' to be used alongside carbon footprint tool (e.g. IMPACT) for parishes to use as a starting point for considering what action to take in addressing climate change.
Developing community energy schemes within the South Downs National Park.	Develop a network of Climate Change 'Champions' to promote best practice and deliver local training and support. Focus on communities that are keen to make rapid transition to a low-carbon future. Use these communities as exemplars for others to learn from and follow. Ensure local communities and businesses can access benefits from delivering carbon storage, renewable energy generation and other low carbon activity. Encourage uptake of micro-generation and community based renewable projects that minimises the impact on the South Downs landscape.	CHRIS FAIRBROTHER Community Energy groups, Local Authority Partners, Renewable Energy Companies, Winchester Action on Climate Change (WinACC), Greater Brighton Energy Group, Transition Town Groups, Parish Councils and Landowners.	 Provide support for communities in the early stages of considering community energy schemes by responding to enquiries, providing project and group development support and support for funding applications. Provide mentoring and advice to early adopters and for local communities considering renewable and retrofit projects – through to the submission of external funding bids. Continue to support best practice and advice to Parishes and local communities across the NPA – through a call-off advice contract with Community Energy South (CES). Encourage Parishes and Community Groups to use CIL to fund Climate Action such as new greenspace, woodland planting or community-based renewable energy projects.

CLIMATE CHANGE PROGRAMME 6 – CLIMATE ACTION FUND PROJECT

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Community Lottery - Climate Action Fund Bid (Ouse Valley Climate Action Project)	Bring together community groups and organisations to take climate action, over a five year period, focussing on people least engaged at present. Support them to: Take practical action now; Maintain and increase ecological resilience; Accommodate change - Integrate across all sectors; and Develop knowledge and plan strategically. Apply learning from the project to inform community-based Climate action efforts across the South Downs National Park.	STEPHANIE MILLS/ PROJECT TEAM South Downs Trust, Ovesco, Community Energy groups, Local Authority Partners, Greater Brighton Energy Group, Community Land Trusts and Transition Town Groups, Parish Councils and Landowners.	 Delivery plan for first year of the project is currently being drafted, more detail to follow, activities to include:- Public sustainability and Climate Change information sessions – programme of events to be planned and delivered. Building capacity and facilitating behaviour change/positive action. Sustainable energy hub – technical development, community energy groups/champions, household energy advice, carbon literacy training for project partners/community groups Nature based Solutions – project development, develop a programme of community based Rewilding and Nature Recovery interventions

CLIMATE CHANGE PROGRAMME 7 – DELIVERING 'NET ZERO WITH NATURE' – RESPONDING TO THE CHALLENGE OF CLIMATE CHANGE WITH NATURE BASED SOLUTIONS.

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Developing a Nature Recovery Network (NRN)	Increase habitat connectivity and the permeability of the landscape to wildlife. Demonstrate how nature-based solutions can help develop resilience to climate change at a landscape scale. Increase the quality and habitat diversity of wildlife sites. Deliver large-scale habitat creation where opportunities exist, create buffer zones for vulnerable or fragmented habitats. Increase the understanding of climate change and its impacts on the priority habitat and species within the South Downs National Park. Encourage naturally functioning floodplains and sustainable urban drainage schemes that help deliver natural flood management and adapt to the impacts of climate change.	CLAIRE KERR Natural England, Environment Agency, Wildlife & Woodland Trusts, Local Nature Partnerships, SE Nature Partnership, Farmers and Landowners, Local Planning Authorities, SEEPL.	 Develop a coherent Nature Recovery Network for the National Park, in collaboration with LNPs/ LNRS development with the relevant authorities and other partner bodies. Develop habitat carbon monitoring to track the contribution of the Nature Recovery programme. Ensure the High-level targets align so we understand the contribution nature recovery projects will make to our overall carbon reductions and Net-Zero targets. The Aquifer Partnership (TAP) - Support the development of sustainable urban drainage schemes including demonstration projects at Wild Park and BHCC Urban Fringe. Green finance - develop projects that can trial new funding mechanisms to support nature recovery and Nature based Solutions to Climate Change Palladium/Revere Partnership - pilot projects Biodiversity Net Gain (BNG) pilot - local/strategic sites Conservation Covenant Agreements ELMS (Landscape Recovery pilot, Local Nature Recovery tier)
'Call for Nature sites' (C4NS) – Potential to broaden out the C4NS mechanisms to focus on carbon sequestration and/or offsetting sites.	Initiate a South Downs National Park wide 'call for sites' that looks to deliver carbon off-setting schemes that are 'nature-based'. Consider the sites strategically across the South Downs National Park.	NATURE RECOVERY WORKING GROUP Natural England, Environment Agency, Wildlife & Woodland Trusts, Local Nature Partnerships, Farmers and Landowners.	 This will need to link to the update NR Work Programme for 2023/24 Continue to deliver C4NS "green" initiatives Progress C4NS "amber" initiatives Woodland Opportunity Mapping work completed, looking at opportunities to pilot this as a targeting tool – linked to a 'Call for sites' and the development of the Nature Recovery Network.
Tackling climate change through new woodland planting	Research which species are most impacted by changes in climatic conditions. Plan ahead in terms of planting species that may be more resilient to prevailing climatic conditions in the medium/long term. Identify the best carbon storage options for the South Downs National Park that provide the widest range of ecosystem service benefits. Enhance the capacity for carbon storage and sequestration at a landscape scale. Produce guidance on the 'right tree in the right place' to help inform the design of good planting schemes that meet carbon targets and enhance the landscape quality of the South Downs National Park.	SONIA LORENZO-MARTIN Natural England, Environment Agency, Wildlife & Woodland Trusts, Local Nature Partnerships, Farmers and Landowners, South Downs/WT Conservation Partnership, SD Forestry Champions Partnership, Local Planning Authorities, Forestry Commission, Forestry England and Forest Research	 Mainstream the woodland opportunity mapping and identify areas with the best potential for new woodland planting across the National Park. Carry out more detailed site assessments to identify the best opportunities, and to screen out unsuitable sites. Develop carbon mapping for other habitats and land cover across the National Park to identify the best nature-based carbon storage and sequestration options park-wide. Provide advice/support for larger tree planting schemes/projects, supported by funding opportunities including Trees for the Downs. Produce guidance on the 'right tree in the right place' to help inform successional planting and the design of good planting schemes that meet carbon target, and are resilient to the impacts of climate change.

CLIMATE CHANGE PROGRAMME 8 – SUPPORTING THE LAND-BASED SECTORS.

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Support the transition to a low-carbon economy for the land-based sectors.	Work closely with sector partners who have also declared net zero ambitions, particularly the NFU (2040), National Trust (2030) and Environment Agency (2030). Promote uptake of high precision or low-input farming techniques so that the application of nitrate fertilisers does not result in excess nutrients passing into the aquifers at key times of recharge (Autumn/Winter). Encourage sustainable land management that protects the environmental assets and ecosystem services of the South Downs National Park while maintaining the profitability of farming. Encourage land management practices that maintain the structural and microbial condition of soils and maximise its ability to store water and nutrients - especially in areas that are prone to erosion or more susceptible to drought conditions. Encourage land management practices that support pollinators and the use of natural pest controls or pest resistant crop species to reduce the need for pesticide use.	NIGEL JAMES NFU, CLA, Farm Clusters and FC Facilitators, Research Bodies (NERC, CEH), Statutory Agencies.	 Maximise the potential of projects funded through FiPL to help to contribute towards climate change/net-zero targets. Farm Carbon Project - Undertake Farm Carbon Toolkit calculations (with the assistance of the Farm Carbon Toolkit Project Officer) for the 13 (out of 20) farms that have already undertaken (in 21/22) soil sampling/analysis stage. Soil sampling and analysis to be undertaken for the remaining 7 farms in the pilot. Farm Carbon Project – Deliver 5 workshops/farm events across the SDNP (Stephen Woodley, SW Farm Consultants and the Farm Carbon Toolkit) to discuss results (both soils and carbon) and identify practical management practices that can be adopted to improve them. The Aquifer Partnership (TAP) - Continue to promote nitrate reduction and trial additional measures. The Aquifer Partnership (TAP) - Promote to farmers and land managers new guide to Natural Flood Management measures (produced with EA and Sussex Flow initiative). Ensure that the Local nature Recovery and Landscape Recovery Tiers of the Environmental Land Management (ELM) deliver projects and outcomes that contribute towards climate change/net zero targets in the future. Use the 'Bee-lines' funding to support projects that benefit wild pollinators at field, farm and landscape scale.

CLIMATE CHANGE PROGRAMME 9 – TRANSPORT & SUSTAINABLE ACCESS

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Work alongside Local Highway Authorities to develop sustainable travel schemes and deliver the best 'low-carbon' options for connecting into the South Downs National Park.	Work with sector partners to encourage provision of facilities, opportunities and incentives to allow for reduced carbon travel. Support the shift to low-carbon travel. Support and encourage people to go 'car free' during their visit to the South Downs National Park. Build and promote off road cycle infrastructure (see current infrastructure projects to the right)	ALEX PRINGLE Local Highway Authorities, Highways England, Public Transport Providers, Tourism Businesses, Access and Amenity Groups, Local Access Forum	 Egrets Way Phase V - Construction of I.5km of new shared-use path between Riverside Park and Piddinghoe. Egrets Way Phase VI - Detailed specification, tender preparation and commence construction of 3km of a new shared-use path between Lewes and Rodmell. Centurion Way (West Dean to Singleton) - Detailed specification and initial construction works on Centurion Way path between West Dean and Singleton. South Downs Way - Chilcomb Improvements - Complete construction of Ikm of Phase I of new SDW cycle route and start initial designs for Phase II.

CLIMATE CHANGE PROGRAMME 10 – RURAL ECONOMY & TOURISM

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Support rural businesses to adapt their business operations, improve their sustainability, and boost their contribution to the SDNP local economy.	Deliver against Key Principle 2 in the SDNPA (2020) Economic Recovery Strategy through supporting businesses to better understand, improve and track their carbon performance. Help to promote the South Downs National Park as a 'low carbon' destination and work with businesses who can help deliver on this. Work with the Responsible Travel Partnership to promote places to stay which can demonstrate their environmental sustainability.	MARK ALDEN Responsible Travel Partnership, Tourism Providers, National Parks England and the Tourism Officers Group.	 Design and deliver a new SDNP bespoke business sustainability programme in collaboration with Green Tourism, seeking a carbon reduction of business activity within the SDNP. Develop the sustainable business network to help businesses work collaboratively and engage with SDNPA initiatives around nature recovery and climate change. Agree and adopt the Sustainable Regenerative Tourism Statement for UK National Parks linking to the National Parks commitment to climate change.

CLIMATE CHANGE PROGRAMME II - ENGAGEMENT & OUTREACH

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Raise awareness of SDNPA climate change strategy to the South Downs Volunteer and Learning Network members.	Extend the scope of volunteer capacity within parishes and local groups to enhance community resilience to potential climate change impacts. Focus on climate change as a key area for collaboration across the education sector. Develop new ways to frame the SDNPA's communication with young audiences that are sensitive to the need to minimise the potential for eco-anxiety in young people. Collaborate on a workshop for learning providers in supporting learning about climate change.	AMANDA ELMES Learning Network, Schools and Education sector partners, Sustainability Centre,	 Collaborate with the SDNP Trust on three key grant schemes to promote positive action for the environment: Volunteer Conservation Fund (open for applications in January with grant decision making in March each year): Promotes volunteer activity in support of the SDNP priorities including habitat and biodiversity enhancements. Youth Action Grant: Grant scheme in collaboration with Clarion Housing promoting youth social and environmental action with a focus on renature and climate change initiatives. School Nature Grants (title tbc): New grant scheme that provides small seed funding to schools for positive action on their school estate. Work in partnership with members of the SDNP Learning Network with a focus on climate change education to deliver a workshop for the wider network and/or schools. Deliver South Downs Youth Action providing social and environmental action tasks for young people aged 16-25 years in support of renature and climate change priorities Reduce carbon emissions associated with school visits in the SDNP through: Promoting in-school visits and online teacher training to bring the SDNP into school curricula. Promoting sustainable transport and active travel options for School Visit Grants alongside traditional coach travel. Supporting providers to deliver more content online.

CLIMATE CHANGE PROGRAMME 12 – HISTORIC ENVIRONMENT & CULTURAL HERITAGE SECTOR

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2023-24 Activities
Communicating the impacts of climate change and supporting behaviour change and greater resilience for local communities.	Collaborate with sector partners to explore the establishment of a grant programme to support communities with sustainable and carbon reducing actions. Developing more effective and engaging ways to communicate around the challenges of climate change and adaptation to the public through the creative and cultural sector. I how can we open up 'climate conversations' within the SDNP? How can we ensure a diversity of voices in those conversations? How can museums and galleries act as agents / partners in hosting and facilitating conversations about climate, through a cultural lens?	ANOOSHKA RAWDEN	 Workshops to activate ideas and thinking within the creative and cultural sector – open to museums and heritage sites, grassroots creative collectives and single practitioners (based within and around the South Downs). Workshops to activate ideas and thinking within Parish Councils and local community collectives – inspiring people to think about how play and creativity to help thinking and action around the climate crisis. This audience would be: Youth groups; Local community collectives/ grassroots organisations can embrace creativity in communicating climate action and supporting behavioural change (i.e. working with WeCAN and PeCan, and through Ouse Valley Climate Action); Parish Councils: how they can develop climate resilience and support local action. Develop inter-disciplinary groups to include young people and the science/cultural sector to develop public projects to inspire public discourse and encourage climate action. Deliver CMUK training to groups in the South Downs and its surrounding areas to increase confidence in holding conversations about the climate and nature crisis