SDNP Climate Change Action Plan – 2024-25

CLIMATE CHANGE PROGRAMME I – JOINT ADVOCACY AND DELIVERY WITH THE UK NATIONAL PARKS

Objective	Actions	SDNPA Lead Officer / Partners	Year 2024-25 Activities
		CHRIS FAIRBROTHER	
Joint Advocacy and delivery with the UK National Park and National Landscape family.	Monitor and report on progress towards achieving their Net-Zero targets. Capture the learning and common themes across the participating Protected Landscapes. Develop a carbon monitoring tool and tracker to enable us to update our progress annually and plot our trajectory towards our Net Zero targets. Update emissions data and land use, Land Use Change and Forestry (LULUCF) annually – based on GHG emissions and local data linked to the delivery of our Nature Recovery programme. Work with the Protected Landscape Partnership to share best practice on monitoring emission reductions with the wider National Landscapes family. Understand and report on the UK Parks level of preparedness to climate change, at a sectoral and national level. Advise the government as part of statutory cycle for climate adaptation, including Climate Change Risk Assessments (CCRAs) and National Adaptation Programmes (NAPs)	CHRIS FAIRBROTHER Defra, DESNZ, National Parks England, Protected Landscapes Partnership, National Landscapes Association, National Trails UK.	 GHG inventory data – Update of our emission data along with the latest Land Use, Land Use Change and Forestry (LULUCF) estimates issued to UK National Parks June /July 2024. Track progress against the 2019 baseline produced by Small World Consulting. Update of UK National Park carbon baseline model to take account of revised data. Develop an on-line dashboard to make data of the UK Parks progress publicly available. Develop a common framework for tracking and reporting progress on their Net-Zero targets. This should enable annual updates on main targets/emission reductions for all participating NPA/National Landscapes and National Trails. It should incorporate annual updates from the Department of Energy Security and Net-Zero (DESNZ) as well as relevant local data. Work with the wider Protected Landscapes family to establish a model for integrating adaptation planning and risk management into the statutory Management Plan review process from 2025 onwards. Develop a High-level report for UK Government with case-study examples of adaptation delivery from across the protected landscapes family. Produce a GIS story – map and data analysis as a supporting on-line resource. Develop a common approach to defining LULUCF and habitat-based or soils-based targets for all NPAs/AONBs. This should incorporate the best elements of the current applied methodologies (SWC/Cranfield as examples). This approach should get all participating PL's to a robust and science-based threshold for setting targets. UK National Parks to promote their leadership role on climate change as part of the UN 'Race to Zero' programme. Deliver a communications campaign to highlight the success of the join application to the UN Ambassadors programme. Demonstrate the value of investing in the UK Parks to deliver climate action with case study examples for Defra and other key external audiences. Develop this as a common framework for reporting through
Research, Evidence & Monitoring	Develop better data on carbon storage by land use or habitat type, to make informed choices on land use change.	RESEARCH & EVIDENCE National Parks England, UK National Parks and protected landscapes network.	 Provide more in-depth analysis of the action needed to decarbonise sector by sector (land cover, energy, transport, food and drink etc.) and detailed implementation plans for specific sectors and/or land-use change scenarios.
	Develop a greater understanding of how to maximise carbon storage through biodiversity projects. Develop case studies of nature based and adaptation solutions.	National Research Bodies: LWEC, NERC and CEH.	 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)
	Research and monitor climate change impacts and trends. Develop research agenda and links with national level research	Research Hub and Universities.	 Update the SDNPA risk assessment in line with the latest UK Government guidance on Climate Change Adaptation reporting (ARP4)

CLIMATE CHANGE PROGRAMME 2 – WORKING OUR CONSTITUENT LOCAL AUTHORITIES

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 Activities
Work with our Local Authority (LA) partners on Climate Change actions. Support and add value to their work through the delivery of our Climate Change Action Plan.	Deliver the Innovate UK funded 'Pathfinder Parks project as part of the 'Future Ready' programme through to July 2025. Work with our constituent local authorities to address barriers to delivery and accelerate progress towards Net Zero. Work to establish common metrics and targets that make a clear contribution to delivering national and locally based targets.	CHRIS FAIRBROTHER/SARA OSMAN OnePlanet, Climate Change Leads in Local Planning Authorities, Sector Partners such as South-East Climate Action (SECA), Action in Rural Sussex (AiRS)	 Use the OnePlanet platform to:- Create an 'Ecosystem' plan for the SDNP with shared priorities and trackable sustainability measures. Coordinate activity on climate change and nature recovery between the SDNPA, Local Authority, sector partners and stakeholders. Work with the local authorities, sector partners and community groups to support more joined-up delivery and collaborative working. Develop an area-based Climate Strategy/Net Zero plan for the SDNPA that bridges gaps and connects activity at local, district and National Park level. Identify additional opportunities for external funding bids to support climate actions

CLIMATE CHANGE PROGRAMME 3 – MEETING A 2030 'NET ZERO' TARGET FOR THE SDNPA

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 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. Support SDNPA staff and members to be carbon literate and to understand our collective role in carbon emission reductions.	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. Develop an internal programme of carbon literacy training for SDNPA staff and members. Include the development of bespoke training package for staff on sector-based carbon where this is required.

CLIMATE CHANGE PROGRAMME 4 – DELIVERING CLIMATE ACTION THROUGH THE PLANNING SYSTEM.

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 Activities
Working with our constituent Local Planning Authorities through the duty to cooperate.	Deliver climate action, adaptation and sustainability through the planning system	PLANNING SERVICES (with support from CPM)	 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.
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 2024-25. 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.
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. Identify strategic/local sites for BNG and for community-based renewables.	MARK WALLER-GUTIERREZ MHCLG, Local Authority Partners, Natural England, Environment Agency, Developers and Planning Agents.	 Explore the opportunity to review and strengthen some policies relating to Climate Change and sustainable construction through the Local Plan review. Run a series of 'Future Energy Landscape' workshops to explore opportunities for SDNP communities to consider the benefits of community-based renewables and to develop local solutions. Deliver the best opportunities for local nature recovery and climate action through the planning system. 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 2024-25 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.	SARA OSMAN 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.	SARA OSMAN 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 2024-25 Activities
Community Lottery - Climate Action Fund Bid (Ouse Valley Climate Action Project)	Bring together community groups and organisations, over a 3 year delivery period, focussing on those least engaged and underserved communities. Support them to take community-led action around 3 core themes: - Nature Recovery and Climate Resilience - People's Knowledge and Skills - Greener Energy and Travel Collaborate with specialists in monitoring and evaluation, behaviour change and carbon accounting to create a legacy of knowledge, tools and transferable solutions. Apply learning from the project to inform community-based climate action efforts across SDNPA.	STEPHANIE MILLS & OVCA PROJECT TEAM South Downs National Park Trust, South Downs National Park Authority, Lewes District Council, Sussex Community Development Association, Ovesco, Community Energy South, 3VA, Seaford Community Partnership, Transition Town Lewes, Railway Land Wildlife Trust.	 Year 2024/2025 Activities Continue programme of community-based nature recovery and interventions. Continue programme of public sustainability and information sessions – building capacity and facilitating behaviour change/positive action. Provision of training programme for community groups and individuals - enhancing knowledge and skills around climate action and nature recovery. Focus on youth involvement and youth voice (forest school provision at primary level, youth forum/network at secondary level, active travel) Working with community groups to achieve impactful and measurable outcomes around behaviour change and carbon accounting. Further stakeholder mapping to ensure outreach to underserved communities. Expansion of energy team's 'Climate and Energy Champions' via match funding. Collaboration with key partners, organisations and aligned projects/activities - knowledge sharing, key learning, identifying opportunities to work together to maximise funding and resources. Creating legacy plan for community groups/future funding. Review and apply lessons learned from the project across the SDNPA.

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 2024-25 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)

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 Activities
Tackling climate change through new woodland planting	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.	Natural England, Wildlife & Woodland Trusts, Local Nature Partnerships, Farmers and Landowners, 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.
South Downs Woodland Carbon Platform	Design a mechanism that enables both land managers and tenant farmers of all landholding sizes that are interested in planting trees to access competitive, long-term payments for woodland creation with minimum bureaucracy. The platform will be able to sell carbon credits from the new South Downs woodland to high-integrity buyers, while providing diversified revenues for the land managers and delivering nature enhancement in the south of England.	NICK HEASMAN/ MARK ALDEN/ PALLADIUM	1. Feasibility Phase Peasibility assessment What is the potential for natural capital programment painting underway and preparing sites What will it take to finance the opinity What are the competing revenues for land managers? What support investment is needed for featway? What support investment is n

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

Objective	Proposed Actions	SDNPA Lead Officer /	Year 2024-25 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.	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. Review the carbon and soils data gathered across 18 farms within the SDNP, and work with the participating farmers/land managers to develop the next stages of the project. The Aquifer Partnership (TAP) - Promote to farmers and land managers new guide to Natural Flood Management measures (produced with EA and Sussex Flow initiative). Continue to promote nitrate reduction and trial additional measures. 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. Pasture and Profit – Pasture for Life continue to work with farmers and land managers across the SDNP (currently 48), through the FiPL funded Pasture and Profit project, to share knowledge and ideas on sustainable grazing practices to improve soil health and increase climate resilience. 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 2024-25 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, promote and enhance off-road cycling & walking 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 VI – Complete final construction of 3km of a new shared-use path between Lewes and Rodmell. Centurion Way – Detailed specification, path construction works (West Dean to Singleton), stabilisation / repair works (Singleton Station site) and A286 Footway improvements. Develop feasibility and designs (in partnership) for Active Travel projects including Rother Valley Way, Midhurst Green Way & SDW links. Review 2017 Cycling and Walking strategy to produce a SD wide Local Cycling & Walking Infrastructure Plan (LCWIP).

CLIMATE CHANGE PROGRAMME 10 – RURAL ECONOMY & TOURISM

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 Activities
Support rural businesses to adapt their business operations, improve their sustainability, and boost their contribution to the SDNP local economy.	Rural economy accounts for 1.2 million tonnes Co2.e/year. Deliver SDNPA funded Energy Audits to min. 3 culture & heritage sites in the SDNPA to support an evidence base that helps these organisations access funding to decarbonisation schemes with the aim of delivering 75 tonnes of CO2.e reduction across the sites as proof of concept. Expand the reach of the Green South Downs Sustainability Certification by working with partner organisations to adopt and potentially subsidise organisations through the scheme, including capturing carbon baseline data. Facilitate the transaction of high integrity local carbon from local planting schemes to the SDNP Rural Economy (SMEs) utilising OSD and targeting our priority sectors.	CHRIS HANNON PeCAN, Chichester District Council_WSCC, SVEIG, NPP, Green Tourism, Hampshire Green Innovation Steering Group, West Sussex Nature and Enviro working group.	 Secure Project Funding from OMT, Deliver ITQ for a delivery partner, deliver the audits and create funding evidence base from the auditing process. Establish partnerships with CIC, local authorities and chartities to adopt and expand the reach of Green South Downs, increasing the number of rural businesses actively baselining. Establish tracking and monitoring with Green Tourism on carbon emissions. When local woodland carbon is available - Encourage adoption and commercial viability of woodland carbon by connecting local organisations within the Our South Downs network, partner local authorities, carbon calculation schemes and other stakeholders with the new local carbon market.

CLIMATE CHANGE PROGRAMME II - ENGAGEMENT & OUTREACH

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 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. Continued use of SDNP volunteers to support the work of rangers to achieve climate action targets. Focus on climate change as a key area for collaboration across the education sector. Continue to 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 and to promote positive action. Support learning providers in delivering learning about climate change.	AMANDA ELMES Learning Network, Schools and Education sector partners, EYE Network, SDNP Volunteers, wider Volunteer Network	 Collaborate with the SDNP Trust on three key grant schemes to promote positive action for the nature and climate: Volunteer Conservation Fund: Promotes volunteer activity in support of the SDNP priorities including habitat and biodiversity enhancements. Youth Action Fund: Promoting youth social and environmental action with a focus on taking positive action for nature and climate change initiatives. School Nature Grants: New grant scheme that provides small seed funding to schools for positive action on their school estate. Deliver a regular programme of volunteer tasks in support of Ranger Teams Area objectives, nature recovery and climate action targets. Work in partnership with members of the SDNP Learning Network with a focus on climate change education to deliver workshops for the wider network and/or schools including at the EYE Eco-Summit in June 2024. Deliver a programme of 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 the school curricula.

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 Activities
			Promoting sustainable transport options for Outdoor Learning Grants with 10% of grant budget ringfenced for sustainable and active travel options.

CLIMATE CHANGE PROGRAMME 12 – HISTORIC ENVIRONMENT & CULTURAL HERITAGE SECTOR

Objective	Proposed Actions	SDNPA Lead Officer / Partners	Year 2024-25 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. > 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?	SARA OSMAN	 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