

6. RESPONDING TO CLIMATE CHANGE

VISION

The West Pennine Moors is an area responsive to climate change through mitigation and adaptation techniques developed and applied for different land uses and management approaches, led by a partnership that is committed to providing an exemplar approach to minimising environmental impacts incurred through its work.

- A landscape where land managers and owners are engaged in actively adapting and mitigating their approaches and practices to combat climate change and minimise carbon emissions.
- The West Pennine Moors Partnership provides a good practice example for minimising their environmental impact in carrying out their duties.
- A strong understanding of the potential impacts of climate change, together with the best ways of responding to them.

OBJECTIVES

OBJECTIVES	ACTIONS	TARGETS	TIMESCALE	PARTNERS
[6.1] Modify land management practices to adapt to climate change.	<ul style="list-style-type: none"> • [6.1A] Prioritise management of the WPM upland peat resources to help sequester carbon from the atmosphere and prevent its release. 	<p>Good practice incorporated and prioritised in existing advice given to landowners – e.g. via farm advisors</p> <p>Ensure incorporation into relevant HLS agreements</p>	2010-15	<p>Natural England United Utilities (SCaMP 2) LCC The Wildlife Trust Landowners</p>
	<ul style="list-style-type: none"> • [6.1B] Target woodland creation in agricultural areas where it has potential to maximise ecosystem services* without compromising established wildlife habitats and/or archaeology. <p><i>*for example: carbon storage; helping to reduce flood risk;</i></p>	<p>UU Woodland Plan implemented.</p> <p>1 ha of new woodland established*</p>	<p>20 Years</p> <p>*2020</p>	<p>United Utilities</p> <p>*Bolton Council / Red Rose Forest</p>

	<i>improving biodiversity; providing resources for local craft workers and wood fuel.</i>			
	<ul style="list-style-type: none"> • [6.1C] Identify best practice in adapting land management approaches to climate change and implement throughout the WPM partnership. <p>To include:</p> <ul style="list-style-type: none"> - Management for fire risk (e.g. learning from work undertaken by South Pennines Fire Operations Group and Peak District National Park Fire Advisory Panel). - Water management for flood risk and water shortage. - Management of heritage resources (including historic buildings) that may need to adapt and mitigate for climate change impacts 	Best practice identified and shared among the partnership.	Ongoing	Natural England United Utilities
[6.2] Develop an understanding of potential climate change impacts.	<ul style="list-style-type: none"> • [6.2A] Assess the potential impact that climate change will have on the WPM landscape through the use of UKCIP climate change data, disseminate findings on WPM website. • [6.2B] Map the capacity and sensitivity of the WPM landscape in responding to climate change, in terms of: <ul style="list-style-type: none"> - Carbon sequestration - Small-scale energy generation - Tourism - Meeting local amenity needs 	UKCIP assessment undertaken and results disseminated.	2012	WPM Partnership Natural England Pennine Prospects
		Studies carried out by Local Authorities and/or nominated consultants to determine WPM sensitivity to climate change	Within 3 years	Natural England Local Authorities Universities
[6.3] Encourage good practice in climate change mitigation through “leading by example”.	<ul style="list-style-type: none"> • [6.3A] Develop and encourage sign-up to an ‘environmental charter’ for the WPM, relevant to partner organisations, community/user groups and businesses – aiming to: <ul style="list-style-type: none"> - Minimise waste through careful purchasing, reducing, re-using and recycling of resources. - Reduce printed documents, encouraging less resource-intensive means of publicity. - Monitor and minimise the energy used in administering WPM partnership. - Encourage use of fuel-efficient vehicles and alternative transport fuels, such as sustainable bio-fuels for partner vehicles (using existing scheme as example of good practice). 	Environmental Charter developed and implemented across WPM partnership and wider stakeholders	2012	WPM Partnership

	<ul style="list-style-type: none">- Encourage use of local products, services and materials in the delivery of WPM projects/actions.- Encourage the use of by-products to minimise waste production and where possible provide renewable energy sources.			
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