

## Appendix 3

### CLIMATE CHANGE STRATEGY- DEVELOPING LOCAL SOLUTIONS TO CLIMATE CHANGE THE COUNCIL AS A SERVICE PROVIDER

	Renewable s and Low Carbon Technolog ies	Climate Change Mitigation	Transport Local	Business Energy efficiency	Domestic energy efficiency	Open space, play provision and parkland	Public parking	Waste	Policy	Emergency Planning
<b>TARGET</b>	<p><b>10% reduction in CO2 emissions by March 2010.</b>  <b>To develop a strategic approach to reducing the Council's impact on the environment through its service provision, for example- use of energy, fuel, water and raw materials, the reduction in green house gas emissions and increasing bio diversity within the Borough.</b></p>									
	Increase the energy efficiency of new developments including businesses, and the amount of on and off site low carbon energy generation.	Ensure built environment considers forecast extreme heat in summers and wet winters including flooding.	Increase the number of journeys of less than two miles undertaken by bicycle or walking.	Ensure that businesses within the Borough are aware of the costs of climate change, the existing advice available and the business opportunities of changing markets, including tourism.	Improve the energy efficiency of the existing housing stock (both private and public sector) and reduce fuel poverty.	Provide an environment that is able to withstand wet winters and hot summers and is able to satisfy customers needs relating to extremes of weather.	Discourage long stay commuter car parking. Ensure that the negative impacts of climate change such as increased rainfall and increased heat in summer are alleviated.	Renegotiate waste contract to provide high standard of environmental protection, to include high rates of recycling and reduction in waste to landfill.	All strategies, projects and council activities to take into account the requirement to adapt to and mitigate the impacts of Climate Change.	To provide a high quality emergency planning associated with forecast increased instances of extreme weather conditions and flooding.
	2008 onwards	2008 onwards	2008 onwards	2008 onwards	Ongoing	Long term	2008 onwards	2008	2008 onwards	2008 onwards
<b>COUNT</b>	Take into account the carbon impact of spatial planning decisions, including the associated transport infrastructure.	Undertake detailed appraisal of how climate change will impact on Chorley Borough.  This is required to satisfy LAA NI 188.	Study transport patterns to major employers and facilities such as schools, hospitals and employers.  Carbon emissions from transport sector monitored (excluding shipping, aviation and motorways).	Ascertain numbers of businesses who have taken advantage of existing schemes to understand their impact and provide solutions.  Carbon emissions from commercial and	SAP (Standard Assessment Procedure) ratings of private and public sector regularly monitored.  Carbon emissions from domestic sector monitored.  In Chorley domestic sector contributes 43% of	Review existing provision. Consider whether appropriate to hot summers or wet winters.	Monitor impact of increasing costs of long stay parking.  Review provision of shade and the porosity of surfaces and adequacy of drainage.  Monitor no. of public cycle stands.	Levels of waste to landfill and recycling are measured.  Green house gas emissions considered in disposal options.  Monitor	All Committee reports to consider impact on Council's environmental footprint and relation to target to reduce carbon emissions.	Monitor numbers of instances.

	Renewable s and Low Carbon Technolog ies	Climate Change Mitigation	Transport Local	Business Energy efficiency	Domestic energy efficiency	Open space, play provision and parkland	Public parking	Waste	Policy	Emergency Planning
			Majority of journeys nationally are under two miles.	industrial sector contribute up to 35% of Chorley's carbon dioxide emissions.	Borough's carbon dioxide emissions.		stands.	summer temperatur es to consider public health impact from domestic waste.		
	Ongoing	2008 onwards	2008- 2009	2008	2008 onwards	2008 onwards	2009	2008	2008 onwards	2008 onwards
<b>ACTIONS</b>	Implement the policies contained in the Sustainable Resources Developme nt Plan Document (due to be adopted November 2008).  Increase priority given to enforcemen t of energy efficiency regulations through Building Control.	Undertake detailed appraisal of impacts of climate change on Borough.  Implement Sustainable Resources Development Plan Document policy relating to Climate Change.	Work closely with County Council to ensure that developments are designed to give better conditions for walking and cycling.  Improve existing conditions for cyclists and pedestrians and promote cycling safety.  Purchase a dedicated cycle/ footpath sweeper to encourage the take up of cycling by ensuring paths free of debris that can cause accidents and which are major determinants of cycle use.  Cycling has the most potential to reduce local car	Limited grant funding available to support small businesses.  To be complementary to the work undertaken through the Local Strategic Partnership.	Continue to fully utilise existing organisations such as CERT .  Energy efficiency advice freely available including through web sites etc.  Provide targeted grants for those who fall out of statutory funding for energy efficiency measures.  Provide grants for appropriate micro generation to properties not on the mains gas.	Consider long term implications of climate change and alter play equipment, design and planting and maintenance programmes where appropriate.	Reduce carbon emissions from commuting by car. Use parking charges so that other forms of transport are a rational alternative to the car.  Design car parking to take account of of long term impacts of climate change to include trees.  Utilise S106 monies to provide cycle stands within town centre where appropriate.	Local people and businesses are informed about the impact of waste on the environmen t and are encouraged to reuse materials where possible.	Any grant funding provided by Chorley Council to require consideratio n of carbon emissions and the ability to withstand forecast climate change impacts (if applicable).	Revise Emergency Planning Procedures in view of forecast increased incidences and recent experience.

	<b>Renewable s and Low Carbon Technologies</b>	<b>Climate Change Mitigation</b>	<b>Transport Local</b>	<b>Business Energy efficiency</b>	<b>Domestic energy efficiency</b>	<b>Open space, play provision and parkland</b>	<b>Public parking</b>	<b>Waste</b>	<b>Policy</b>	<b>Emergency Planning</b>
			trips. In Chorley transport makes up 22% of carbon emissions.							
	2008 onwards	2008 onwards (following timetable set out in NI 188)	2008 onwards	2008- 2011	2008	Short	2008 onwards	Short	Short	Short

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<b>OUTCOMES AND COSTS</b>	<p>No additional costs for Council.</p> <p>10% carbon savings from appropriate new build to increase over time period to 2016.</p>	<p>All developments are "climate proofed" .</p> <p>Detailed understanding of impacts on climate change and its associated costs.</p> <p>Also will result in costs to prevent significantly greater costs of climate change.</p>	<p>A range of awareness programmes to encourage cycling and to make it a safe and easy option. Investment in the upkeep, maintenance and safety of cycling and walking routes is prioritised, throughout the Borough.</p> <p>A specialised cycle/footpath cleaner would cost £20 000.</p>	<p>£120 000 has been spent by Council to provide grants to implement advice provided via Local Strategic Partnership. If ERDF bid for match funding succeeds will result in £360 000 of investment in efficiency savings and green advice for businesses.</p> <p>This will help businesses modernise and react to increasing environmental expectations of customers.</p> <p>Average cost savings for business of £247 per employee and 77 tonnes of carbon per intervention.</p>	<p>£20 000 over and above monies already committed.</p> <p>The proposal could result in savings of over 300 tonnes.</p>	<p>Open space, play provision and parkland provide adequate shade for summer and an environment that can tolerate wet and windy winter conditions.</p> <p>Should result in savings through avoiding maintenance and incidental costs through storm damage.</p>	<p>New or repaired permeable surfaces avoid flooding and provide more attractive environment for shoppers. Shading in summer reduces heat in cars.</p> <p>Tree planting cools urban environment , reduces carbon emissions and is attractive.</p> <p>During heavy rainfall car parks will remain open.</p>	<p>Best possible service provided.</p> <p>Reduced amount of waste going to landfill.</p> <p>Linked to outcome 4.1 of Corporate Strategy.</p>	<p>All strategies and policy documents monitored to ensure that climate change addressed.</p>	<p>Emergency Planning to cope with various extreme scenarios.</p>
	2008 onwards	2008 -2012	2008	2008- 2012	2008	Ongoing	On going	Medium	March 2009	

Exploit existing Communication channels to highlight the Council's excellent environmental work. Engage with the public to understand the impacts of Climate Change and ways forward.