

Stepping Forward for Climate Change - Action Plan

Theme / Reference	Objective	Target/Action	Owner/ Delivery partners	Cost/benefit (estimate)
				£=<50k, ££=50-250k, £££= 250k-500k, ££££=>500K
				(savings not
ENERGY AND WATER USE				
EWU 1				
Showing Leadership - Invest to save	Reduce carbon from the Local Authorities own estate by a recirculating carbon management fund.	A 20 % reduction below 2006/7 baseline by 2012	Reading Borough Council, SALIX Finance and Carbon Trust	£££
EWU 2				
Working in Partnership with public sector	Through the Reading and Berkshire Climate Change Partnerships match the carbon emission reductions of other public sector organisations in the Borough to those of the Council.	Other public sector organisations to match Reading Borough Council Carbon Footprint reduction within the Borough by 2012.	Reading Borough Council, NHS Berkshire West	£££
EWU 3				
Awareness Raising	Ensure that all Council staff have the awareness, knowledge and skills to play a full part in reducing their and their services' contribution to climate change, and adaptation measures.	Develop an internal training package for staff by May 2009, introduce green teams and host awareness raising events and campaigns.	Reading Borough Council	£
EWU 4				
Schools	Ensure that all schools have adequate access to project funding and monitoring systems in place to provide energy use data for carbon reduction projects and educational programmes.	Assist schools by funding energy saving projects and monitoring systems in Reading schools by 2012.	Reading Borough Council and Local Education Authority	£££

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EWU 5				
Water	Monitor and reduce water use across RBC estate, including schools.	Introduce water consumption monitoring into own estate (including schools) by 2012.	Reading Borough Council and Local Education Authority	££
EWU 6				
Corporate Policy	Develop corporate policy statements for energy and water use, travel and transport and waste management.	To implement by April 2010.	Reading Borough Council	£
EWU 7				
Decentralized Energy	Provision of a network of trigeneration CHP plant which generates electricity from a range of low and zero carbon technologies including Biomass from local sources and uses the waste heat to provide heating and cooling for buildings.	Complete Feasibility, contracts and planning for provision of a low carbon electricity generation plant and a district heating scheme by 2012.	Reading Borough Council, private sector, Thames Valley Energy (biomass supply),	££££ (private/partnership investment)
EWU 08				
Local renewable projects	Work with partners to provide renewable power supply which includes local power supply provision	Complete Feasibility, contracts and planning for provision of a renewable electricity generation plant(s) by 2012.	Reading Borough Council, private sector, Thames Valley Energy (advisory)	££££ - Partnership investment
EWU 9				
Community Action	Promote borough-wide energy efficiency by working with local community groups.	Launch a locally developed participatory scheme to measure and reduce individual carbon footprints.	Reading Borough Council Local community groups, Greater Reading Environmental Network	£
EWU 10				
Community Renewable energy provision	Promote uptake of community Renewable power generation	Work with local supply companies and through Carbon Emission Reduction Target (CERT) scheme to provide subsidised energy provision which pays	Reading Borough Council, private sector, Thames Valley Energy (advisory)	

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EWU 11				
Domestic Energy Saving	Promote borough-wide energy efficiency by the installation of insulation into Reading homes.	Through Heatseekers initiative conduct thermal image survey of all houses in the borough by 2012 and make 5000 installations.	Working together with Energy Saving Partnership, through the Heatseeker project, which is funded from the Carbon Emission reduction target (CERT) funding. Government through the CERT scheme.	££££ (CERT)
EWU 12				
Local Energy Efficiency Projects	A series of local energy efficiency projects in fuel poverty 'hotspots', using a 'door to door' approach by designated Council surveyor to help increase the take up of grants by hard to reach groups.	Complete work in first priority area in 2009.	Reading Borough Council	££££
EWU 13				
Council Housing Stock	Ensure the energy efficiency of existing council owned housing stock	All suitable Council houses to have at least 200mm loft insulation, cavity wall insulation, gas boilers newer than 15 years and an average SAP rating of 75 by 2012.	Reading Borough Council	£££
ACCESS, TRANSPORT AND MOBILITY				
ATM 1				
Air Quality	Reduce emissions of pollutants which impact on both air quality and climate change.	A 20% reduction in fleet emissions by 2012. All new vehicles Euro 4 standard or newer.		£££
ATM 2/BGS 1				
Own fleet emissions	Reduce Emissions from own fleet operations by vehicle procurement choice and consideration of need.	A 20% reduction in fleet emissions by 2012.		£

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ATM 3				
Commuting mileage	Reduce emissions from Reading Borough Council travel to and from work.	Implementation of green travel plan including annual surveys of commuting. Demonstrate reductions in the emissions associated with employees travelling to/from their place of work.	Reading Borough Council and local community groups	£
ATM 4				
Business Mileage	Reduce emissions associated with RBC Business miles.	Reduce the carbon emissions associated with the business miles by reducing number of vehicles used, the miles that are driven.	Reading Borough Council (RBC) and Greater Reading Environmental Network	£
ATM 5				
Modal Shift	Enable modal shift with greater uptake of sustainable travel options such as walking, bicycle and bus.	20% increase in bus users and 20% increase in cyclists between 2005 and 2011 (see Local Transport Plan)	Reading Borough Council, Reading Buses, Local cycle firms, Sport Reading, PCT, ENCAS, Reading Cycle Network.	££££
ATM 6				
Local Transport Plan	Continue to implement the Reading Borough Council Travel Plan and further develop it to meet the relevant targets.	A 20% reduction in transport related footprint plus additional benefits through staff travel to work.		££
ATM 7				
New transport measures for Reading	Develop proposals to improve Readings transport systems in line with the report made by the independent transport commissioner published in July 2008.	Develop a strategy by April 2008.	Reading Borough Council	££££

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BUILT AND NATURAL ENVIRONMENT				
BNE 1/ BGS 3				
Planning policy for low emissions	Ensure that new construction is sustainable and resilient to the impacts of climate change	Ensure that development meets the standard of Readings Supplementary Planning Document (SPD) on Sustainable Design and Construction: a minimum of 20% reduction in carbon emissions below part L, 50% BREEAM Excellent or Code for Sustainable Homes, code 4. Review the SPD by 2010.	Reading Borough Council, developers South East Centre Built Environment SECBE, Department for Communities and Local Government	££££ Costs to developers (costs mainly attributable to national policy drivers)
BNE2/BGS 3				
Own Buidlings	Own buildings built to exemplary sustainable construction standards (new build and major refurbishment)	Corporate buildings BREEAM excellent from 2008.	Reading Borough Council.	££££ (upfront costs offset by long term savings)
BNE 3				
Environmental Impact	Minimize environmental impacts from major new development. Ensure infrastructure planning incorporates adaptation to climate change in order to protect communities, businesses and habitats.	Develop local and sub-regional strategies and policies which incorporate adaptation measures by 2010.	Planning, CEx, Parks, Transport	£
BNE 4				
Impacts risk	Assess risks of climate change for Reading and reduce.	Work to establish a sub-regional approach to adaptation and develop local and subregional plans to reduce risks of impacts from climate change. Attain level 2 of UK Climate Impacts Programme Assessment by 2012.		£
BNE5/ATM 6				
Sustainable transport infrastructure	Improve the level of use of new sustainable transport infrastructure.	20% increase in bus users and 20% increase in cyclists between 2005 and 2011.	Planning, Developers, Transport,	
BNE 6/WMM				

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Construction Waste	New developments to minimize waste generated in the construction.	Ensure implementation of site waste management plans on construction sites.	Planning, CEx, Building control, SECBE, Defra	££
BNE7				
Flooding				
	Restrict and carefully manage development on floodplain and other areas at risk from flooding.	Incorporate sustainable urban Drainage Systems (SUDS) into developments where appropriate.	Reading Borough Council, The Environment Agency, Emergency Services	££££ (cost to developers)

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BNE 8				
Habitats	Protect, conserve and enhance Reading's diversity of wildlife species and habitats.	Incorporate mosaics and corridors to act as migration pathways for wildlife into planning process. Establish an adaptation strategy for Berkshire, through the Climate Change Partnership for Berkshire By April 2010.	Reading Borough Council, Climate Berkshire Partnership	Not known
BNE 9				
Tree cover	Maintain and enhance urban tree cover to mitigate climate change, enhance biodiversity, improve air quality, reduce surface temperature and dissipate surface water runoff.	Publish a Tree Strategy by September 2009 and commence a full assessment of the state of health and current tree cover in the Borough to by April 2009.	Reading Borough Council	£ (excluding planting)
BUYING GOODS AND SERVICES				
BGS 1				
Sustainable Procurement	Procure sustainable goods and services in line with the Sustainable Procurement Flexible Framework, taking account of embedded carbon, carbon emissions and other environmental impact.	Attain level 3 of Sustainable Procurement flexible framework by 2011. Corporate new build projects will be designed in accordance with the developing guidance on Sustainable Public Building	Reading Borough Council	No estimate
BGS 2				
Supporting supply chains	Work with current and future suppliers to help them address their environmental impacts, and encourage them to develop more environmentally friendly products and services.	Develop supply chain training programme to support suppliers to the public sector, who need to make further improvements to meet tightening standards.	Reading Borough Council, Business Link, Southeast Centre for the built Environment	No estimate

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BGS 3, BNE 1				
Constuction of own buildings	Commit to achieving exemplary sustainable construction standards in new build and major refurbishment of corporate facilities, and ensure that such developments are "future-proofed" against likely climate change to ensure building longevity.	Corporate new build projects will be designed in accordance with the guidance on Sustainable Public Buildings	Reading Borough Council, Southeast Centre for the built Environment	£££
	Encourage ownership of sustainable procurement across the council.	A training programe for all buyers and the green teams to support ownership of carbon reductions requirements.	Reading Borough Council	£
WASTE MINIMISATION AND MANAGEMENT				
WMM 1				
Our own office waste	Reduce the waste produced from RBC office operations and recycle as much waste as possible.	Monitor and increase the ratio of recycled materials to general waste. Involve the green teams in this process.	Reading Borough Council	£
WMM 2				
Our construction and maintenance waste	Reduce the waste produced from RBC service activity - construction, maintenance, highways work - and recycle as much waste as possible.	Monitor and increase the ratio of recycled materials to general waste. Involve the green teams in this process.	Reading Borough Council, South East Centre for the Built Environment	£
WMM 3				
Municipal waste	Reduce the overall production of waste, reduce the proportion of municipal waste to landfill, and increase recycling rates.	Opening of new Materials Recycling Facility in greater Reading in 2008 and weekly alternate collections to improve ratio.	RE3 Partnership, Reading Borough Council	££££

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WMM 4				
Commercial waste	Encourage a reduction in the proportion of waste going to landfill, and increase recycling rates from the commercial and trade sector.	Work with private sector partners to develop cohesive schemes for recycling,	RE3 Partnership, Reading Borough Council, South East Centre for the Built Environment	££££
COMMUNICATION, EDUCATION AND PARTNERSHIP				
CEP 1				
Partnerships for Reading and Berkshire	Establish a sub-regional and local partnerships to help champion action regarding climate change, reduce emissions, prepare for inevitable change and support the building a low carbon economy.	Formulate Climate Berkshire Partnership including establishment of membership, purpose and key projects by April 2009.	Reading Borough Council, Climate Berkshire Partnership (Berkshire Economic Strategy Board)	££
CEP 2 /EWU 6				
Adaptation and Service Planning	Ensure that the council and other key public services have incorporated climate change adaptation in their service planning activity.	See EWU 6.	Reading Borough Council, Emergency Services, NHS Berkshire West	Not quantifiable
CEP 3				
Working with Business	Encourage local businesses to reduce their greenhouse gas and air quality emissions and prepare for climate change.	Establish a key Berkshire project working with business to reduce their carbon footprint and on design and innovation for low carbon technologies.	Reading Businesses, Reading Borough Council, Reading UKCIC, Connect Reading, Business Link	££
CEP 4				
Working with schools	Ensure that schools are supported in matters of education about climate change.	Schools to develop sustainable schools initiative and ecoschools approaches across the Borough and link these with carbon saving projects.	Reading Borough Council, Local Education Authority, Independent and State Schools Partnership	Not quantifiable

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CEP 5				
Events and publicity	Ensure that Reading residents and businesses are aware of the issues of climate change mitigation and adaptation.	Conduct a Climate Change programme launch event at Forbury Fever - World Environment day event in June 2009 with initiatives developed by local action groups.	Reading Borough Council and community groups	£
CEP 6				
Developing local and national best practice	Ensure that Climate Change issues are addressed at the most effective and appropriate level. Working locally regionally and nationally to develop best practice.	Specific local/Council partnership initiatives to Measure and reduce personal and household carbon emissions will be established. In addition the Council will work actively Regionally and Nationally to develop best practice including providing evidence to the Government on effective local solutions.	Reading Borough Council, Climate Berkshire Partnership (Berkshire Economic Strategy Board)	Not quantifiable