

**Exeter Climate Change Strategy
2008 - 2018**

Action Plan

Theme 1 Action Plan: Existing Homes (07/08 – 08/09)

Action	By Whom	By When/Target	Progress
<p><u>Private Sector Homes</u></p> <ul style="list-style-type: none"> Establish an ‘Affordable Warmth Neighbourhood’ in Exeter (to include financial assistance, door-to-door advice, community-based environment champions, training and education). 	ECC, EEAC with funding from CERT, Warmfront	April 2008	Steering Group established and Project Manager appointed.
<ul style="list-style-type: none"> Work with utility companies to maximise the funding potential of 2008-11 Carbon Emissions Reduction Target (CERT). 	ECC, EEAC	April 2008 onwards	
<ul style="list-style-type: none"> Continue to provide financial assistance to improve the energy efficiency of private sector homes in the city, e.g.: <ol style="list-style-type: none"> ‘Warm Up Exeter’ grants for loft and cavity wall insulation Renovation grants for insulation measures and boiler replacement Disabled Grant schemes for insulation measures and boiler replacement 	ECC, EEAC, Utilities	a) 1000 grants pa b) 400 grants pa c) 400 grants pa	1,100 insulation measures installed through ‘Warm Up Exeter’ scheme in 2006/07.
<ul style="list-style-type: none"> Investigate providing loans for residents to install insulation measures in conjunction with the Exeter Credit Union or Devon Pound. 	ECC, Exeter Credit Union, Devon Pound	April 2008	
<ul style="list-style-type: none"> Undertake a trial to insulate ‘hard to insulate homes’ in the city e.g. mobile homes, solid wall homes. 	ECC with CERT funding	Ongoing	NEA study completed and trials being undertaken. 10 mobile homes already insulated through ‘Warm Up Exeter’ scheme.

Action	By Whom	By When/Target	Progress
<ul style="list-style-type: none"> • Provide financial assistance to landlords to improve the thermal efficiency of private-sector rented dwellings: <ol style="list-style-type: none"> a) landlord insulation grant scheme (PLEA) (for priority groups) b) extension of the PLEA scheme for non-priority groups (including students) to target an additional 3,000 homes. 	<ol style="list-style-type: none"> a) ECC, British Gas b) ECC led with CERT funding 	<ol style="list-style-type: none"> a) Ongoing b) April 2008 	<ol style="list-style-type: none"> a) 150 insulation measures installed in 2006/07 b) Initial correspondence with landlords undertaken to promote grant
<ul style="list-style-type: none"> • Establish an accreditation scheme (to include energy efficiency standards) to encourage private sector landlords to improve the energy efficiency of their properties. 	ECC, University of Exeter, Exeter Guild of Students	April 2009	
<ul style="list-style-type: none"> • Organise training for landlords regarding energy efficiency and fuel poverty issues and promote the PLEA grant. 	ECC, EEAC	Ongoing	Regular attendance at landlord fora and regular newsletters
<ul style="list-style-type: none"> • Undertake a survey of Exwick area to assess viability of a renewable energy replacement for Economy 7 heating (possibly on a community basis, operated by an ESCO). 	ECC, EEAC, EST	April 2009	Project brief being prepared.
<ul style="list-style-type: none"> • Trial the provision of grants for solar water heating for 'appropriate' properties receiving renovation grants e.g. electrically heated homes. 	ECC, EEAC, Low Carbon Buildings Programme	April 2008	
<p><u>Energy Advice and Awareness</u></p> <ul style="list-style-type: none"> • Increase the capacity of the City Council customer services staff to highlight and signpost sources of information and expertise in relation to climate change (through training etc) 	ECC, with advice from EEAC	December 2008	
<ul style="list-style-type: none"> • Explore means by which a self-financing 'concierge service' could be established, that provides bespoke energy audits to owner occupiers who are able-to-pay and project-manages the installation of energy efficiency measures and micro-renewables. 	ECC, Devon Care and Repair Agency, DARE	April 2008	

Action	By Whom	By When/Target	Progress
<ul style="list-style-type: none"> Investigate the undertaking of a trial of smart meters in homes in the city to encourage residents to reduce their energy consumption. 	ECC, utility companies	April 2008	
<p><u>Council Housing</u></p> <ul style="list-style-type: none"> Improve the energy efficiency of Council housing in the city by: <ol style="list-style-type: none"> installing loft and cavity wall insulation into all homes not already benefiting (where feasible). installing 'A' rated condensing boilers externally insulating Council flats as part of external painting programme. 	ECC	<ol style="list-style-type: none"> April 2011 50 boiler replacements pa/25 new gas central heating installations pa 5 year external painting programme to be developed by April 2008 	Approx 95% of homes fitted with double-glazing, 88% with loft insulation (properties that can be insulated), 98% with cavity wall insulation and 75% with condensing boilers.
<ul style="list-style-type: none"> Undertake a pilot solar water heating scheme in Council homes and investigate the feasibility of other renewables e.g. biomass heating, micro CHP. 	ECC	April 2009	Volunteers for solar water heating currently being sought.
<ul style="list-style-type: none"> Promote energy efficiency issues to Council tenants and provide energy awareness and fuel poverty training to relevant Council staff. 	ECC	Ongoing	Regular articles in 'Insight' (newsletter for Council tenants) and 'Chatterbox' (newsletter for Sheltered Housing tenants) on saving energy in the home.

Theme 1 Action Plan: Existing Business (07/08 – 08/09)

Action	By Whom	By When/ Target	Progress
<p>Marsh Barton and Sowton: a) Undertake mapping of main industrial sites to identify patterns of energy use; b) With business representative groups, assess feasibility and explore opportunities for innovative/shared supply/ decentralised energy (inc. consideration of the potential of the Waste-to-Energy Plant at Marsh Barton) and other energy efficiency measures (building on existing activities through local forums). c) With business, consider scope for model projects that demonstrate best practice ‘retrofit’ work designed to save energy and introduce renewable and other carbon-efficient technologies.</p>	<p>ECC facilitated, with DCC and business partners (inc. Business Representative Forums). External contractor appointed to carry out mapping exercise (will involve one-to-one discussions with business)</p>	<p>September 2008</p>	<p>Paper commissioned from CEE on scope of this mapping/ feasibility research.</p>
<p>Pilot exercise: invite Exeter City Council commercial tenants with leases up to 25yrs to receive a tailored energy audit and advice on energy use. Consider mechanisms for supporting follow-up activity.</p>	<p>ECC, Envirowise, Resource Efficiency Club, potentially Envision and EDF Energy (and for organisations with >£50k energy bills: Carbon Trust)</p>	<p>July 2008</p>	
<p>Engage key commercial landlords in the city, to draw attention to climate change aspirations for Exeter and enquire about their plans for improving and the energy efficiency of their building stock.</p>	<p>ECC, commercial landlords</p>	<p>July 2008</p>	<p>List of Key Landlords being compiled by ECC Estates</p>
<p>Any eligible Exeter public sector employers who have not participated in the Carbon Trust Carbon Management Programme to be encouraged to participate (using ECC’s programme experience as a lever).</p>	<p>Part-supported by ECC (using benefit of Carbon Management Programme experience)</p>	<p>March 2009</p>	

Theme 1 Action Plan: New Development (07/08 – 08/09)

Action	By Whom	By When/Target	Progress
<u>New Growth Point</u> Co-sponsor New Growth Point (NGP) Feasibility Study of the potential for Low and Zero Carbon Development for the East of Exeter (to include role of an ESCO in facilitating delivery).	EDDC, ECC and NGP partners	February 2008	Contractor appointed and study commenced
Undertake preliminary discussions with potential utilities partners over the role/scope of the ESCO model in Exeter.	ECC and Utilities	April 2008	Initial meeting arranged with a utility
<u>Programme for Planning</u> <ul style="list-style-type: none"> Local Development Framework and Supplementary Planning Documents to build on national policy guidance and take full account of regional policies on climate change. 	ECC	March 2009	
<ul style="list-style-type: none"> For the period prior to the adoption of the Local Development Framework: A sustainability checklist will be designed for completion as part of planning application process. This will ask applicants to measure development against BREEAM and Code for Sustainable Homes standards. 	ECC	January 2008	Template designed. Completion of the sustainability checklist will be required from April 2008 when it becomes part of the wider, officially adopted, checklist for validating planning applications.
<ul style="list-style-type: none"> Review scope for supplementary planning guidance on sustainable construction and/or renewable energy policy for the period prior to the adoption of the Local Development Framework in Spring 2009, taking account of government planning policy guidance on climate change. 	ECC	Decision taken by April 2008	PPS1 (Climate Change Supplement) expected Dec 07 / Jan 08
<u>Affordable Homes</u> <ul style="list-style-type: none"> Implement policy for all new affordable homes to meet at least Level 3 of the Code for Sustainable Homes (where possible), rising to Level 4 by April 2009. 	ECC	April 2009	

Action	By Whom	By When/Target	Progress
<ul style="list-style-type: none"> Construct approximately 60 new affordable homes on Council land to exceed Level 3 of the Code for Sustainable Homes, rising to Level 4 by April 2009. 	ECC	Phased through to 2010	

Theme 2 Action Plan (07/08 – 08/09): Transport

Action	By Whom	By When/Target	Progress
<u>Transport Strategy</u> <ul style="list-style-type: none"> Ensure that transport policies are integrated fully with spatial planning, particularly in key future development sites in the City (New Court/Royal Navy Stores Depot/Monkerton areas). 	ECC, DCC	Ongoing	
<ul style="list-style-type: none"> Research and prepare possible proposal to DfT Transport Innovation Fund for significant investment in public transport and introduction of road user pricing and workplace parking levy in Exeter. 	ECC to support DCC activities	July 2008	Analysis ongoing
<ul style="list-style-type: none"> Update Park and Ride Strategy for Exeter with a view to increasing patronage by 50% by 2015 	DCC, ECC	December 2008	
<ul style="list-style-type: none"> Utilise Section 106 agreements to promote transport sustainability. 	ECC, DCC	Ongoing	
<u>Transport Programmes</u> <ul style="list-style-type: none"> Cycle Exeter: 3 year cycling programme through Cycling Demonstration Town Project 	DCC, ECC. Cycling England and Sustrans	November 2008	Two years completed with 18km of new cycling route, 29 (out of 37) schools now have travel plans (up from 21). Also completion of significant stretch of National Cycle Network from Exeter Quayside to Turf Locks, west of Exe Estuary (2006).

Action	By Whom	By When/Target	Progress
<ul style="list-style-type: none"> • Introduce Individualised Travel Marketing Programme: Travelsmart (door-to-door travel planning advice designed to encourage alternatives to car use). • Explore opportunities to refer Travelsmart participants for individualised energy advice where participants express an interest. 	Sustrans, Social Data, Big Lottery Fund, DCC and ECC	2008 – 2010	Project team and project steering arrangements set up.
<ul style="list-style-type: none"> • Walking Project (ongoing programme which combines infrastructural improvements with soft measures to encourage take-up of commuter walking). 	ECC, DCC and Sustrans	Ongoing	Green Circle Route completed in 2004. Plans to develop extensions with Exwick Walking Loop and enhancements to Sir Alex Walk alongside Exe Estuary
<ul style="list-style-type: none"> • Implement ECC car parking climate change levy with proceeds ring-fenced for expenditure on additional Exeter-based energy efficiency and sustainable transport measures. 	ECC	January 2008	2% levy agreed by Council Executive and implemented with effect from 2008. Ring-fenced budget to be allocated by independent panel, with the public involved in a vote to decide between short-listed measures.
<ul style="list-style-type: none"> • Maintain investment programme in local rail infrastructure through ExeRail Programme. 	Network Rail, First Great Western, DCC and ECC	Ongoing	
<ul style="list-style-type: none"> • Support the Exe Co-Cars Car Club scheme as a sustainable alternative to car ownership (for example through supplementary planning guidance for developers) 	ECC, DCC and Exe Co-Cars	Ongoing	ECC are now Corporate Members of Car Club. SPG adopted on car clubs for new development
<ul style="list-style-type: none"> • Promote car sharing, particularly for commuter journeys. 	ECC to support DCC activities	Ongoing	
<p><u>Licensing Function</u> Pursue the introduction of licensing requirements to encourage taxi and private hire operators to reduce carbon emissions from vehicles.</p>	ECC	December 2008	Consultation with the trade being undertaken.

Theme 3 Action Plan (07/08 – 08/09): Waste

Action	By Whom	By When/Target	Progress
<p><u>Recycling and Composting of Domestic Waste</u></p> <ul style="list-style-type: none"> Maximise the quantity of materials recycled in the city through the kerbside 'Recycle from Home' Scheme. 	ECC	Ongoing – increase recycling rate to 40% by 2011	Recycling rate of 33.9% achieved in 2006/07. All homes on Scheme since 2004.
<ul style="list-style-type: none"> Expand the network and range of materials accepted at recycling banks to increase tonnage of recyclables collected, especially glass. 	ECC	Ongoing – 2 new recycling bank sites per year	Currently 70 bring sites around the city for collection of glass, cans, textiles, shoes and paper.
<ul style="list-style-type: none"> Work positively with the proposal to provide a civic amenity site that best serves the residents to the north of Exeter. 	DCC and ECC	Proposal 2009	A provisional site has been identified by DCC
<ul style="list-style-type: none"> Reduce the amount of organic waste sent to landfill by encouraging home composting and offering an 'opt in' garden waste collection service. 	ECC	<ul style="list-style-type: none"> 1000 composters distributed pa. Collect at least 2,000 tonnes of garden waste pa by 2008/09. Increase number of participants by 5% in 2008/09. 	Garden waste collection scheme introduced in 2004. Annual compost giveaways held in venues throughout Exeter every March.
<ul style="list-style-type: none"> Initiate and promote waste minimisation/recycling awareness campaigns and publicity. 	ECC, in partnerships with Devon Authorities Waste Reduction and Recycling Committee	Ongoing – 4 topics addressed per year	Recycling and Waste Minimisation Communication Plan (2007 – 2009) has been developed.
<ul style="list-style-type: none"> Increase use of the school recycling scheme and continue schools educational programme for responsible waste management. 	ECC	Ongoing – 35 talks to schools/ visits to MRF per years.	All city schools now participating in Council's recycling scheme.
<ul style="list-style-type: none"> Ensure all new housing developments in the city are provided with adequate refuse/recycling storage and collection facilities. 	ECC	Ongoing	Advice about bin storage areas is offered to developers at planning stage.

Action	By Whom	By When/Target	Progress
<u>Trade Waste Recycling</u> <ul style="list-style-type: none"> Review the new trade waste recycling service with a view to expanding the range of materials collected. 	ECC	April 2009 Target: Recycle 20% of commercial waste collected by Council by 2011	New trade waste recycling service introduced in October 2007, collecting cardboard and paper. 500 businesses currently participating with approx 2 tonnes of recyclables collected daily.
<ul style="list-style-type: none"> Small tourism businesses to be encouraged to reduce waste and recycle through development of 'Environmental Management Plans'. 	ECC and small business	2 businesses to have developed plans by January 2008	
<u>Landfill Strategy</u> <ul style="list-style-type: none"> Reduce land-filling of waste through the active promotion of waste-minimisation, recycling and reuse, and positive engagement in the development of a Waste to Energy Plant in Marsh Barton. 	DCC, ECC and Waste Plant operator	Completion 2011	Planning approval granted.
<ul style="list-style-type: none"> Positive engagement in the plans to develop effective use/local distribution of energy and heat generated by the Energy from Waste plant. 	DCC, ECC, Plant Operator and business	April 2009	Planning Condition secured as first step, which requires applicants to use 'best endeavours' to use and market the energy produced by the plant and to produce an annual report on their endeavours.
<u>Green Shopping</u> Promote the Green Shoppers campaign to reduce carrier bag use in Exeter.	ECC, Express and Echo, EDF Energy	Reduce carrier bag use by 8 million (25% reduction) by June 2008	10,000 bags already distributed. 15,000 further bags to be distributed.
<u>ECC Corporate Activity</u> <ul style="list-style-type: none"> Improve the accessibility of recycling facilities within Council offices to further increase recycling rates. 	ECC	April 2009 Target: reduce office waste from Civic Centre by 60% by April 2011 (baseline April 1998)	All Council offices have recycling facilities. Office waste for landfill disposal from the Civic Centre reduced by 53% between April 1998 and 2007.

Action	By Whom	By When/Target	Progress
<ul style="list-style-type: none"> Reduce paper consumption in Council offices through reducing unnecessary paper usage and investing in systems for electronic storage e.g. electronic document and records management (EDRM) 	ECC	<p>Ongoing (EDRM by 2010)</p> <p>Target: reduce paper use by 10% by 2007/08 from a baseline of 2005/06 levels.</p>	<p>Electronic document and records management being rolled out across Council.</p> <p>Paper consumption increased by 4% in 2006/07.</p>

Theme 4 Action Plan (07/08 – 08/09): Exercising Community Leadership

Action	By Whom	By When/Target	Progress
<p><u>Communication and Support</u></p> <ul style="list-style-type: none"> Develop a Communication Strategy that a) raises the profile of climate change and support available to residents and business; and b) succeeds in establishing a link between climate change mitigation measures and local pride, which in turn encourages householders and business to take action to reduce emissions and, for unavoidable emissions, to offset emissions <i>within</i> Exeter. To this end, consider opportunities for learning from and working with our twin cities. 	<p>ECC, LSP, EEAC, local media, residents and business</p> <p>[Draw on: www.climatechallenge.gov.uk for guidance]</p>	Sept 2008	
<ul style="list-style-type: none"> Develop a web-based information resource to provide information to residents and businesses about climate change (linking to appropriate sources of advice). 	ECC, EEAC	April 2009	
<ul style="list-style-type: none"> Explore the development of a community-based carbon reduction project e.g. ‘Eco-Neighbourhood’ scheme. 	ECC with EEAC, GAP	April 2009	
<ul style="list-style-type: none"> Engage with and provide support and endorsement for community/voluntary sector initiatives in Exeter. For example support initiatives undertaken by Low Carbon Exeter, including the establishment of action groups in 5 areas of the city and the extension of the Retailer Energy Efficiency Award. 	ECC, Low Carbon Exeter	Ongoing	Grant provided by Council to support LCE initiatives.

Action	By Whom	By When/Target	Progress
<u>Exeter Carbon Fund</u> Explore the concept of an Exeter carbon offset fund – for payment into by local organisations and individuals who wish to voluntarily off-set unavoidable emissions in a transparent and locally-focused way. Ring-fenced fund to be spent in Exeter on projects that reduce carbon emissions.	ECC, LSP, local business and residents, local media and energy expertise	Detailed Proposal By October 2008	
<u>Exemplar Homes</u> Facilitate the development of an exemplar ecohomes scheme of affordable homes.	ECC	By March 2009	Site for 4 homes identified in Heavitree and planning permission being sought.
<u>Sustainable Procurement</u> Work with suppliers to the Council to encourage greater standards of environmental practice, for example through work to extend the Exeter Green Accord to all Council suppliers. Encourage other public agencies in Exeter to adopt similar measures.	ECC, Envision, Envirowise, Ian Williams Ltd	Ongoing	All contractors on the Council's Select List for general building works, consultancy, asbestos and M&E have committed to the Green Accord and passed a self assessment, grading their ability to meet the Council's sustainable agenda.
<u>City Council Corporate Activity</u> Through participation in the Local Authority Carbon Management Programme, develop an action plan to reduce carbon dioxide emissions from the Council's own operations.	ECC, Carbon Trust	Plan completed by April 2008	Programme underway, Council's baseline carbon footprint established. Budget allocated.
Undertake a review of training needs for Council staff in relation to climate change and provide additional training as required.	ECC	December 2008	

Climate Change Adaptation Action Plan (07/09 – 08/09)

Action	By Whom	By When/Target	Progress
<u>Adaptation Research and Planning</u> <ul style="list-style-type: none"> Undertake an assessment to identify the risks and vulnerabilities of Exeter to climate change, and develop appropriate adaptation measures. 	ECC, SWCCIP	April 2009	Parks Climate Change Action Plan adopted November 2006.
<u>Emergency Planning</u> <ul style="list-style-type: none"> Through membership of the Devon Local Authority Resilience Forum keep Exeter's Emergency Plan under review to take into account the likely impacts of climate change on the city. 	ECC, Environment Agency and other Category 1 responders	May and November of each year	Forum meets quarterly. Emergency Plan updated twice a year.
<u>Flood Risk Management</u> <ul style="list-style-type: none"> Identify essential infrastructure serving the city e.g. electrical sub stations, water works, sewage pumping stations that may be vulnerable to flooding and highlight the risk to owners. 	ECC, South West Water, Western Power	December 2008	
<ul style="list-style-type: none"> Work with the Environment Agency to improve existing flood defences in Exeter to provide greater protection from flooding. 	ECC, EA	Ongoing	
<u>Planning Policy</u> <ul style="list-style-type: none"> Incorporate policies covering strategic and spatial issues in relation to sustainable construction, biodiversity, green infrastructure, air and water quality and flood risk into the Core Strategy of the new Local Development Framework. 	ECC	Submit Core Strategy to Secretary of State by Summer 2008	Draft Submission Core Strategy nearing completion.
<ul style="list-style-type: none"> Allocate sites for development by applying a risk-based search sequence in accordance with the Exeter Strategic Flood Risk Assessment. 	ECC	Final Strategic Flood Risk Assessment by February 2008. Allocation DPD's will be produced over the next 4 years.	Draft Strategic Flood Risk Assessment completed.

Action	By Whom	By When/Target	Progress
<ul style="list-style-type: none"> Explore the feasibility of incorporating policies on sustainable urban drainage systems, green roofs and water conservation within generic development control policies DPDs (part of Local Development Framework). 	ECC	Commence preparation of Generic Development Control Policies DPD in 2008. Submit to Secretary of State in 2010.	
<ul style="list-style-type: none"> Produce a Green Infrastructure Study to set out a framework to link existing and planned communities through a connected and easily accessible greenspace network. Utilise the study to inform the preparation of the East of Exeter Area Action Plan and other DPDs. 	ECC, EDDC, TDC	By May 2008	Consultants appointed to undertake study.
<u>Tree Strategy</u> Develop a Tree Strategy to increase tree coverage in the city and safeguard existing trees.	ECC	April 2008	Tree consultation undertaken Summer 2007

List of Abbreviations

Term	Definition
CERT	The Carbon Emissions Reduction Target (2008-11) is the name for the obligation on electricity and gas suppliers to reduce carbon emissions through energy efficiency, microgeneration and behavioural measures. CERT replaces the current Energy Efficiency Commitment (EEC).
DCC	Devon County Council
DARE	Devon Association for Renewable Energy
EA	Environment Agency
ECC	Exeter City Council
EDDC	East Devon District Council
EEAC	Devon Energy Efficiency Advice Centre
ESCO	Energy Services Company - a company set up to supply an energy service, such as the heat to keep a building warm, rather than the separate components needed to deliver that service.
EST	Energy Saving Trust
SWCCIP	The South West Climate Change Impacts Partnership
TDC	Teignbridge District Council