

## Climate Change Strategy Action Plan

### Energy Actions

### Short term (1-2 years)

No	Action	Target	Section	Partners
En1.1	Undertake a feasibility study to develop use of renewable/sustainable energy sources in relevant council buildings and identify appropriate funding to finance implementation.	Complete study and identify appropriate energy sources by June 2008	A&L ECO	Carbon Trust
En1.2	Identify and implement suitable low or no cost energy conservation measures within council building and monitor effectiveness	Identify measures by June 2008 Implement measures by December 2008 Monitoring to be annually reported through EMS.	A&L  EMS	EMS consultants
En1.3	Begin a switch it off campaign with help from Energy Saving Trust and Carbon Trust	Launch campaign by September 2008. Monitoring to be reported annually through EMS. Reduce KWh by 2% year on year (15,000 KWh electricity) (14,000 KWh gas)	ECO	EST Carbon Trust
En1.4	Continue to implement the council's commitment to home energy efficiency to improve existing housing in all sectors of the district by implementing actions in HECA report.	Achieve 30% improvement in the energy efficiency of housing in all sectors over a 15-year period (1996 to 2011) in accordance with the Home Energy Conservation Act target	EHG	
En1.5	Produce baseline data for energy consumption and cost in council buildings in line with LAA. Extrapolate data back to 1990 to measure reductions and plot future projections.	March 2008	ECO	SCC
En1.6	Installation of low energy lighting of office car parks	Dec 2007. Toward reduction of 15,000KWh electricity per year	A&L	

<b>En1.7</b>	Installation of double glazing in council buildings	Dec 2009. Toward reduction of 14,000KWh gas and 15,000 KWh electricity per year	A&L	
<b>En1.8</b>	Provide householders with information to make use of small scale solar, wind and other appropriate on-site renewable technology through the use of Permitted Development rights or by making a planning application.	<ul style="list-style-type: none"> <li>• By December 2008 Produce a guidance note outlining the changes to the General Permitted Development Order to assist householders to understand what renewable technologies require planning permission.</li> <li>• Produce an accompanying form for householders to determine if proposals require planning permission.</li> <li>• Produce guidance checklist on what information would be required if an application would be required.</li> <li>• Explore funding opportunities for renewables and make information available to the public.</li> </ul>	DevC	
<b>En1.9</b>	Communicate best practice to public by investigating feasibility of a low carbon show home in conjunction with Housing Association.	Make contact with Housing Association to explore feasibility and investigate funding by May 2008	ECO	SSC Housing Association Energy Saving Trust

### Energy Actions

### Medium term (3-5 years)

No	Action	Target	Section	Partners
En2.1	Promote greater use of energy efficiency and renewable energy sources and other sustainable energy technologies in private sector housing	• Spend full allocation of council grant funding for energy saving and renewable energy each year.	EHG	EST
En2.2	Implement a policy target for on site renewable energy generation in new developments, initially working toward 10% in line with the Regional Spatial Strategy	10% on site renewables by 2010	PI&S	Links with other authorities and regional documents

### Energy Actions

### Long term (Over 5 years)

No	Action	Target	Section	Partners
En3.1	Investigate dual fuel for renewal fleet vehicles	Put in place minimum standards as part of Green Travel Plan. Target as T.1.4	Engineers	SCC
En3.2	Investigate the upgrading leisure centres to Combined Heat and Power (CHP) or renewable energy sources.	Investigate plans for refurbishment under Building Schools for the future by May 2008.	Leisure	SCC

### Waste Actions

### Short Term (1-2 years)

No	Action	Target	Team	Partners
W1.1	Review and update Waste Strategy including consideration of cardboard recycling, in-vessel composting, waste minimisation and trade waste	By March 2008	EHG	
W1.2	Ensure increase in recycling of domestic waste	50% household waste recycled by 2010	EHG	

### Planning and Housing Actions

### Short Term (1-2 years)

No	Action	Target	Team	Partners
P1.1	Ensure all key agencies understand and are prepared for the practical implications of climate change on the built environment and open spaces by awareness raising.	Awareness raising through promotion by December 2008. Offered help with	ECO & EMS	LSP

		EMS. Climate change action plans and promotion of Staffordshire declaration on Climate Change.		
<b>P1.2</b>	Encourage the use of Sustainable Urban Drainage (SUDS) as good practice for the Council	Promoted to all developers and adopted in line with core strategy in medium term.	PI&S A&L	
<b>P1.3</b>	Develop sustainable homes policy for new development to fit in with LDF and core strategy	As LDF timescale	PI&S	
<b>P1.4</b>	Encourage developers to discuss renewables in new developments at preliminary stage.	Consult on producing developers checklist by September 2008	DevC	
<b>P1.5</b>	We will assess the risk of South Staffordshire from flooding as a result of climate change. By conducting a Strategic Flood Risk Assessment on the district we will assess the capacity of the drainage network to cope with a changing climate and suggest potential actions for reducing significant risk.	Strategic flood risk assessment to be completed by December 2007.	PI&S	
<b>P1.6</b>	Ensure any new publicly funded Affordable Housing developments in South Staffordshire apply the Housing Corporation's Design Quality Standards	Every unit of Affordable Housing that receives public funding, including from the Council's Capital Programme to be built to a minimum Level 3 standard of the Code for Sustainable Homes.	PI&S	RSLs/Developers

**Planning and Housing Actions**

**Medium Term (3-5 years)**

No	Action	Target	Team	Partners
P2.1	Future proof the LDF, taking into account climate change including actions to support passive cooling in buildings, SUDS and permeable surfaces, subsidence, flooding, landscaping and erosion.	Following adopted core strategy	PI&S	
P2.2	Consult on planning policies in the LDF to move towards carbon neutral developments	Agree a baseline for CO2 emissions of a typical building by December 2010 <ul style="list-style-type: none"> <li>• Consult on a target reduction of CO2 emissions for new developments.</li> <li>• Improve on this target within every LDF 3 year cycle</li> </ul>	PI&S	
P2.3	New developments to generate on site energy from renewable sources.	All major sites to generate minimum of 10% from renewable energy by 2010	PI&S	
P2.4	Housing strategy to support all developments at level 3 Code for Sustainable Homes	By 2010 for development over 10 homes, all sites must <ul style="list-style-type: none"> <li>• generate energy from on-site renewables (applying policy statement 22)</li> <li>• Provide climate change risk</li> </ul>	PI&S	

		assessment <ul style="list-style-type: none"> <li>Demonstrate use of whole life cycle analysis</li> </ul>		
<b>P2.5</b>	Ensure any new non-publicly funded Affordable Housing developments in South Staffordshire apply the Housing Corporation's Design Quality Standards.	A minimum of 30% of all new Affordable Housing units, which do not receive public funding, will be built to a minimum Level 3 standard of the Code for Sustainable Homes. This target will be increased by 5% year on year.	PI&S	RSLs/Developers

### Transport and Accessibility Actions

### Short Term (1-2 years)

No	Action	Target	Section	Partners
<b>T1.1</b>	Produce baseline data for vehicle management and carbon output.	Staff survey by July 2008	Pol&Pa	
<b>T1.2</b>	Work with schools to develop school travel plans to increase uptake of sustainable transport	Travel plan promotions by July 2009	ECO	Staffs County Council
<b>T1.3</b>	Ensure that the pages of the council's website provides appropriate information on car sharing, benefits and how businesses can access local car club operators in the district.	Web site launch by July 2009	ECO	Business networks
<b>T1.4</b>	Produce and develop Staff Green Travel plan for district to reduce employee travel	Produce plan by December 2008 following target T1.1 Aim for 2% reduction in business miles year on year, equating to 5,000 miles.	ECO	SCC

### Transport and Accessibility Actions

### Medium Term (3-5 years)

No	Action	Target	Section	Partners
T2.1	Implement and progress the council Staff Green Travel Plan.	Targets as in travel plan	ECO	All
T2.2	Investigate measures and disseminate business cases/good practice information to local businesses as appropriate through email, local business publications and other existing networks.	Quarterly website updates Investigate existing publications/links April 2011	ECO	All Leisure and Events
T2.3	Improve access and use of local transport and encourage reduction of the number of car journeys by helping partner organisations and businesses to compile green travel plans.	Compile green business plans with partners as per their timescales.	ECO	All

### Promotional Actions

### Short term (1-2 years)

No	Action	Target	Section	Partners
A1.1	Conduct a thermal imaging survey of the district	<ul style="list-style-type: none"> <li>Conduct survey and produce images on an OS map by November 2008 (weather permitting survey to be conducted)</li> <li>Investigate partnership links to utilise data to promote a reduction in fuel poverty and increase the standard of housing in the district.</li> </ul>	ECO IT	Blue-sky to conduct survey
A1.2	Run internal waste, energy and water reduction awareness campaigns in council offices	<ul style="list-style-type: none"> <li>Begin energy awareness programme, by Spring 2008. Aim for a reduction of 15,000 KWh electricity and 14,000 KWh of gas year on year (2% reduction).</li> <li>Reduce CO<sub>2</sub> emissions of our own operations by 13 tonnes from April 2007 to March 2008 and 29 tonnes from April 2008 to March 2009.</li> <li>Begin water conservation programme by 2009. Aim to set baseline of water use in 2007/8 with reduction of 2% year on year from March 2008 to April 2009.</li> <li>Reduce waste from council offices by 1.2 tonnes from March 2008 to April 2009.</li> </ul>	ECO EMS	

<b>A1.3</b>	Raise staff awareness of the Climate Change Action Plan through an internal information campaign	Establish baseline of staff awareness following staff survey. • Run an internal information campaign by July 2008.	ECO	
<b>A1.4</b>	Introduce a requirement for sustainability actions to feature in every Service Plan, and monitor its effectiveness	Sustainability actions in all service plans By April 2009. Monitor effectiveness annually	EMS	
<b>A1.5</b>	Investigate effective methods for increased climate change coverage in schools	Invite all headteachers of schools in district to a Sustainable Schools evening by December 2008. Aim to encourage minimum of 5 schools year on year to conduct energy survey of buildings with help of Carbon Trust and/or County Council and report on savings incurred as a direct result.	ECO-S	Carbon Trust and SCC energy surveys
<b>A1.6</b>	Develop web site on climate change and energy efficiency	December 2007	ECO	
<b>A1.7</b>	Launch Green Awards scheme to promote sustainable practice in schools and community in district.	Launch 2008 awards in April, closing date for applications July 2008. Finalists entered into County wide scheme.	ECO-S	Staffordshire County Council.
<b>A1.8</b>	Continue working on Environmental Management System (e.g. EMAS, ISO 14001) for the council	Achieve accreditation in 2010.	EMS	EMS consultants
<b>A1.9</b>	Help and encourage residents to reduce energy use	Attendance at a minimum of 5 events per year	ECO	
<b>A1.10</b>	Help and encourage Parish councils and other public buildings to reduce energy use.	Conduct a minimum of 3 energy audits of year encouraging the take up of grants available.	ECO	
<b>A1.11</b>	Produce a Local Climate Impacts Profile (LCLIP) for the district to investigate actions to respond to the impacts of climate change.	LCLIP to be produced by October 2008	ECO All service managers	University of Wolverhampton student

### Promotional Actions

Medium term (3-5 years)

No	Action	Target	Team	Partners
A2.1	Publicise good practice in sustainable building for developers, architects, planners etc to encourage more sustainable building practice and promote achievements in the district. Encouraged through potential developers award.	Set up by July 2011	Dev C	CT
A2.2	Measure increased staff awareness of climate change in the staff survey	Influence staff survey and report on annually.	ECO	
A2.3	Increase scope of green awards to include business and tourism sectors	Increase awards by 2011	ECO	SCC
A2.4	Encourage partners to incorporate environmental impact into tendering process and environmental performance into contracts.	Set up portfolio of example documents to use as templates and provide case studies of good practice. Aim to encourage 2 partners every year from 2011.	ECO	

### Section Abbreviations

A&L	Architectural and Landscape Services
Dev C	Development Control
ECO	Energy Conservation Officer
ECO-S	Eco-schools co-coordinator
EMS	Environmental Management System co-ordinator
EHG	Environmental Health (General)
Engineers	Engineering Services
EST	Energy Saving Trust
Leisure	Leisure and Tourism Services
PI&S	Planning and Strategic Services
Pol&Pa	Policy and Partnership Services
RSL	Registered Social Landlord
SCC	Staffordshire County Council