

NI 186

Per capita emissions in the local authority area

LAA PRIORITY

DELIVERY PLAN Version iii

3 March 2010

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Delivery Partnership

Staffordshire Strategic Partnership Climate Change Working Group.

Member Organisations

Cannock Chase District Council

East Staffordshire Borough Council

Newcastle Borough Council

Keele University

Lichfield District Council

Peak District National Park Authority

South Staffordshire District Council

Stafford and Rural Homes

Stafford Borough Council

Staffordshire County Council
Staffordshire Fire and Rescue Service
Staffordshire Moorlands District Council
Staffordshire Parish Councils Association
Staffordshire Police Authority
Staffordshire University
Staffordshire Wildlife Trust
Tamworth Borough Council

Document control

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1. OBJECTIVES

What the plan is seeking to achieve? Please include details of the people and places it will affect, linking it back to the persuasive rationale.

1.1 The plan seeks to achieve a 1.6% year on year reduction in per capita carbon dioxide emissions across the LAA area through local measures, summing to a 4.5% reduction over the life of the LAA, as a contribution to an overall 11.8% reduction. The remaining 7.3% reduction would be achieved through national measures, for which the County Council is not accountable. These reductions constitute part of Staffordshire's contribution to the national effort to mitigate and adapt to the detrimental impacts of climate change.

1.2 It will affect all people across the whole of the Staffordshire LAA area. A particular theme to this plan that has emerged through discussions is the harnessing of a willingness by local communities to explore their own approaches to climate change mitigation. Whether allied to a particular movement (such as Transition Towns) or not, this 'bottom-up' approach, if harnessed adequately, should result in the development of a number of low carbon communities across Staffordshire. Our medium-term aim is to facilitate the development of at least one such community in each of the county's districts.

2. IMPACTS (Equalities and Vulnerable Groups)

Who is the activity intended to affect/benefit? Who else might the activity impact on? Please consider factors such as age, gender, religion, race, sexuality, disability. If there is likely to be a negative impact, what actions will you take to mitigate against this?

- 2.1 Everyone within and beyond Staffordshire will benefit to some extent from these efforts to limit dangerous greenhouse gas emissions. The trans-boundary impacts of Staffordshire's proposals have been acknowledged recently by the Honorary Consul of Tuvalu, which could be the first nation state to lose its homeland through rising sea levels due to climate change. Any potential negative impacts have been identified in the table below. They are of very little significance overall. It should be noted that energy efficiency measures also generate cost savings.

3. ACCESSIBILITY

Are the activities set out in the plan accessible and inclusive? Have you considered the barriers to access? How will you overcome these barriers?

- 3.1 Any barriers to access are still under consideration. The plan includes provision for engagement with disadvantaged communities and for tackling fuel poverty issues.

4. COMMUNITY SAFETY

Under Section 17 of the Crime and Disorder Act, all local authorities, police authorities and other agencies must consider crime and disorder reduction and community safety in the exercise of all their duties and activities. How have you met this requirement in developing this plan?

- 4.1 There are thought to be no direct S.17 implications of this plan. In the longer term Staffordshire could witness significant inward migration as sea level rise and drought elsewhere in the world cause enforced evacuation, and as the UK in general and the Midlands particularly become relatively benign areas in which to live. This would very probably have implications for crime and disorder.

5. CLIMATE CHANGE

How have you considered the impact the activities in this plan may have on climate change?

- 5.1 Climate change is at the heart of this plan.

6. SUPPORTED PLANS

Please specify the plans to which you are going to add value in delivering this (please include the title of the plan, the organisation responsible for delivery, the lead officer and timescales)

1. The Sustainable Community Strategy for Staffordshire.
2. All partnership Strategic Plans.
3. Thematic Improvement Plans.
4. Service Delivery Plans.

7. ACTION PLAN

An Explanatory Note

After lengthy deliberation the LAA partnership responsible for responding to the challenge of climate change agreed to adopt NI 186, per capita CO₂ emissions in the LA area, as one of the 'up to 35 designated indicators,' despite reservations about the baseline data produced on behalf of Defra. One difficulty with this data is that Defra's reporting of per capita carbon dioxide emissions will be up to two and a half years in arrears of the actual emissions. As a result, direct performance measurement under this indicator will be possible only in the last six months of this three year agreement. To overcome this difficulty several proxy indicators have been developed, and are shown in the table below.

Although the main emphasis of this delivery plan is on new initiatives that will add value to the existing work of the LAA partners some of the indicators relate to existing work streams or projects that fall under other designated indicators. Climate change is an almost uniquely threatening problem, and must be tackled by every practicable means and at every scale. Reporting mechanisms therefore have to be highly inclusive: we have to squeeze every possible kilogram of carbon dioxide from our activities, and report accordingly.

Targets for this indicator have not as yet been disaggregated as it is considered that due to the uniquely cross cutting nature of climate change it can only be achieved by a complete holistic approach. Many of the programmes set out below could not be measured at a district level and there is not enough confidence in the existing Defra data at this level that performance could be reliably measured.

LAA Indicator(s)	Baselines	Target (2008/09)	Target (2009/10)	Target (2010/11)
NI186 Reduction in per capita emissions	7.7tCO ₂ p.c. p.a. (Defra 2005)	7.3 tCO ₂ : 1.6% saving through local measures	7.0tCO ₂ : 1.6% saving through local measures	6.8tCO ₂ : 1.6% saving through local measures
Complete and sign off delivery plan for NI186	n/a	Plan completed and signed off		

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Implementation of NI185+: Reduction in LAA partner emissions.	187,453 tonnes CO ₂ (2005/06)	178,804 tonnes CO ₂	175,228 tonnes CO ₂	171,723 tonnes CO ₂
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To contribute to NI186 through partners' own reductions and to act as a community lead.		Contributes directly to NI 185		
Resources required			Lead Partner / Officer	
As per individual partners CO ₂ reduction plans. It should be noted that carbon reduction can only be achieved by energy efficiency measures, which in turn leads to cheaper energy bills for all Staffordshire partners. Invest to Save is an ideal mechanism for delivering capital projects such as this.			All partners	
Progress				
Five of the eight districts have now been through the Energy Saving Trust's 1-2-1 programme. The main deliverable from this is a carbon reduction plan for the district, therefore contributing towards both NI 185 and NI 186.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
South Staffordshire Low Carbon Communities (LCC) Network	Assumed to be the mean CO ₂ emissions for South Staffordshire of 7.1 tonnes per capita	2 bids for funding 1.6% reduction (114 kg) per capita attributable to local measures	0 1.6% reduction (114 kg) per capita attributable to local measures	0 1.6% reduction (114 kg) per capita attributable to local measures
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
The aim is to reduce carbon dioxide emissions across South Staffordshire through the inception and support of a series of low/zero carbon communities. A series of events would be undertaken to raise awareness and sign up communities publicised through the Staffordshire Parish Councils Association and parish councils.		NI 6 and 7.		
Resources required			Lead Partner / Officer	
Currently funded through the Learning to Deliver scheme. Support would then be provided for any possible LCC bid to Awards for All / Big Lottery Fund.			South Staffordshire District Council, Rachel Walters	
Progress				
<p>The following have been delivered: Six workshops, three business audits, three community building audits, two Light Fantastic days, online monitoring set up, one Community Sustainable Energy Programme (CSEP) feasibility study, one energy efficiency awareness day at Westfield Primary School and one case study publicised.</p> <p>Low energy lights and Power Downs were delivered to Friends of Essington (FoE) for a total value of £5,090. FoE will give these to their members, to the community at local events and to the Over 50's club. If all are used, it will lead to lifetime savings of 62 tons of CO₂ and £71,000.</p> <p>WeSave members were informed of the launch of online thermal imaging map and boiler scrappage scheme. One hundred Action Heat leaflets (heavily subsidised cavity and loft insulation) were distributed to FoE to support possible household actions as a result of the map.</p> <p>Three sessions have been run at St Johns Primary in Essington looking at fossil fuel use, transport and another exemplary primary school for inspiration. Planning is also taking place to refine delivery, probably through a new school council, for the spring term.</p> <p>A renewable technology fair was held at Wombourne Community Centre 21st May 2009.</p>				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Derrington (Stafford Borough) Low Carbon Community.	Assumed to be the mean CO ₂ emissions for Stafford Borough of 7.9 tonnes per capita	1.6% reduction (126 kg) per capita attributable to local measures	To be established (dependent on funding)	To be established (dependent on funding)
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
The plan is seeking to reduce carbon dioxide emissions in Derrington and promote the village as a Low Carbon Community. The opportunities for action and their subsequent outcomes will be used as a basis to share experiences and promote positive results beyond Derrington and into other communities.		NI 6 and 7.		
Resources required			Lead Partner / Officer	
Currently funded through the Learning to Deliver scheme. Support would then be provided for any possible LCC bid to Awards for All / Big Lottery Fund.			Stafford Borough Council, Karen Davies	
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Promotion of low carbon communities in the Staffordshire Moorlands.	Assumed to be the mean CO ₂ emissions for Staffordshire Moorlands of 9.1 tonnes per capita.	1.6% reduction (146 kg) per capita attributable to local measures in each community to which a Community Contract applies	To be established (dependent on funding)	To be established (dependent on funding)
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
The Moorlands Together LSP will engage more closely with its communities through negotiating Community Contracts which will provide the focus for future community activity and service delivery. Protection of the environment and tackling climate change will be two of the issues for discussion with local communities in the development of local contracts.		NI 6 and 7.		
Resources required			Lead Partner / Officer	
Aggregates Levy Sustainability Fund.			Moorlands Together LSP, Phillip Haddock	
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Maintain support for the Ilam (Staffordshire Moorlands) low carbon community project.	Assumed to be the mean CO ₂	1.6% reduction (146 kg) per capita attributable	1.6% reduction (146 kg) per capita	1.6% reduction (146 kg) per capita

	emissions for Staffordshire Moorlands of 9.1 tonnes per capita.	to local measures	attributable to local measures	attributable to local measures
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
This project contributes towards a significant reduction in carbon emissions, but on top of this, adds an element of community empowerment, bringing the community of Ilam closer together. It is also showing national leadership in good practice low carbon community working.		NI 6 and 7.		
Resources required			Lead Partner / Officer	
Learning to Deliver funding. Staffordshire Aggregates Levy Grant (SALG) Scheme funding.			Staffordshire Moorlands District Council, Philip Haddock	
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Maintain support for the Whittington and Fisherwick (Lichfield District) low carbon community project.	Assumed to be the mean CO ₂ emissions for Lichfield District of 8.6 tonnes per capita.	1.6% reduction (138 kg) per capita attributable to local measures	1.6% reduction (138 kg) per capita attributable to local measures	1.6% reduction (138 kg) per capita attributable to local measures
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
This project contributes towards a significant reduction in carbon emissions, but on top of this, adds an element of community empowerment, bringing the communities closer together. It is also showing national leadership in good practice low carbon community working.		NI 6 and 7.		
Resources required			Lead Partner / Officer	
Ongoing support from other partners. Previous SALG funding.			WFEG, Mike Kinghan	
Progress				
The parish carbon footprint for 2009 was 14,751 tonnes CO ₂ per annum; a reduction of 8.4% from 2008. A deal has been negotiated for discounted loft and cavity wall insulation and the group maintains a profile at village events including the annual Big Green Fair. The group donated £1,000 of funding to the Parish Council to contribute towards double glazing and air source heat pumps in the Pavilion. WFEG were the winners of the Community section of the first ever West Midlands C+ Carbon Positive awards which were announced at the Prince's May Day 2009 summit in Birmingham. In November they went on to win the Regen West Midlands Prize for People and Environment, where they were commended particularly for community engagement, good practical outputs and the transferability of our work to other communities.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
The Lichfield District Warmer Homes, Greener District Initiative.	0	2,200 vulnerable households assisted 2,200 able to pay households assisted	1,200 vulnerable households assisted 1,200 vulnerable households	800 vulnerable households assisted 800 vulnerable households assisted

		assisted	
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators	
To acquire Carbon Emissions Reduction Target (CERT) funding to assist with fuel poverty and to give energy efficiency measures to those who need them most.		NI 187.	
Resources required		Lead Partner / Officer	
CERT funding. Lichfield DC funding.		Lichfield District Council, Ruth Plant	
Progress			

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Maintain support for the Carbon Crush (Newcastle Borough) low carbon community project.	Assumed to be the mean CO ₂ emissions for Newcastle Borough of 6.7 tonnes per capita.	1.6% reduction (107 kg) per capita attributable to local measures	1.6% reduction (107 kg) per capita attributable to local measures	1.6% reduction (107 kg) per capita attributable to local measures
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
This project differs from those above, in that in addition to a specific community (Knutton and Cross Heath) it is also aimed at a community of interest (Staffordshire County Council Social Care and Health service users).		NI 6 and 7. NI 187		
Resources required			Lead Partner / Officer	
Ongoing funding from Staffordshire CC. Other funding options being investigated.			Staffordshire County Council, Steve Morris and Sarah Fielding	
Progress				
The first round of Carbon Crush was completed successfully, with the installation of a solar powered irrigation system to the Newcastle Countryside Project (NCP) vegetable garden. This was stolen and had to be replaced, delaying the second round of the project. The classes for the second round are complete and the group has chosen a solar mobile phone charger for use at the Knutton Children's Centre. However, loss of a staff member at NCP means that it may not be possible to continue the project further.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Carbon Crush programme in East Staffordshire.	East Staffordshire's per capita carbon emissions baseline for 2005 (10t CO ₂ p.c. p.a.)	-	Identify suitable communities & projects (depending on funding).	1.6% reduction (160kg) per capita attributable to local measures.
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
A measurable reduction in energy consumption in the selected communities will be seen at the end of each project.		NI 6 and 7. NI 187		
Resources required			Lead Partner / Officer	
Potential bid for funding through the Energy Saving Trust 1-2-1 programme.			East Staffordshire Borough Council, Martyn Manning.	
Progress				

East Staffordshire Borough Council has completed the Energy Saving Trust's 1-2-1 programme.

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Promotion of wood fuel use in community and residential settings. This will take place in the National Forest area of Lichfield and East Staffordshire Districts, as well as in surrounding areas. The project will work with Advantage West Midlands and the Forestry Commission.	No wood fuel installations	Agreement between the National Forest Co., ESBC, Lichfield District Council and SCC to promote jointly.	4 feasibility studies.	2 installations
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Biomass is an important element of a Low Carbon Economy, and this project will help expand the Staffordshire biomass market to other areas of the county.		Potential positive impact on NI187.		
Resources required			Lead Partner / Officer	
To be announced.			Staffordshire County Council, Diane Roberts.	
Progress				
A wood fuel supply chain has been set up.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Production of a county wide renewable study	n/a	Production of brief and agree funding	Commission study	Use study as part of LDF process
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Supplement to Planning Policy 1 Climate Change emphasises the importance of both having appropriate policies regarding climate change in the planning system. In addition, these policies are both supported and monitored through an agreed evidence base. The Renewables Study has been identified as the key gap in that evidence base. Overall this will allow for economic growth and prosperity in the county while avoiding an increase in per capita carbon emissions.		Potential for a negative impact on indicators of housing availability (NI 154, NI 159). Could have either a positive or negative impact on business registration (NI 171), business growth (NI 172) and fair trading environment (NI183): potential for a restriction in supply of premises, but also new business opportunities. Potential negative impact on business satisfaction with regulatory services: NI 182.		
Resources required			Lead Partner / Officer	
Proportionate financial contributions from all planning authorities and additional support from AWM.			All partners co-ordinated by Cannock Chase Council – Sarah Rudge	
Progress				
Funding was provided jointly from all district councils and Staffordshire County Council. Camco Consultants have been commissioned to carry out the study. A draft report has been completed and is currently being re-edited by Camco to take account of initial comments. A stakeholder workshop is being held in mid-March 2010. Final report due for completion on 29 th March 2010.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Undertaking Home Energy Audits. Staffordshire Fire and Rescue Service (SFRS) officers currently undertake Home Fire Risk Checks for every home in Staffordshire. These assess for vulnerability to fire and injury. The aim here	Not available.	10,000 homes	10,000 homes	10,000 homes

is to use partnership working to achieve NI 186 by adding value to existing services. Beginning in South Staffordshire, the checks will shortly include a basic energy audit and assessment of heat wave risk.				
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To reduce per capita emissions by adding value to the existing Home Fire Risk Assessment service being delivered by SFRS and SCIO (Staffordshire & Stoke-on-Trent Consortium of Infrastructure Organisations).		NI136: People supported to live independently through social services (all adults). Home visits will consider fuel poverty issues, (NI 187: vulnerability of resident/insulation levels) and issues related to heat waves (NI 188).		
Resources required		Lead Partner / Officer		
Being identified as part of the project. Funding from Staffordshire CC climate change section and social care and health section, other districts and SFRS.		Staffordshire Fire and Rescue Service, Ian Housley.		
Progress				
A Memorandum of Understanding was signed between South Staffordshire Council, Staffordshire Fire and Rescue Service and E.ON in October 2009 which set up the process for referrals generated from the Fire Service Technicians. This MOU comes to an end in March 2010 and will be replaced by a Service Level Agreement covering all district councils in the County as well as Staffordshire Fire and Rescue Service, Staffordshire County Council, E.ON, the Energy Saving Trust and Warmzone.				
In South Staffordshire a mail shot is being organised to cover the whole of the district with events to support the scheme being held at local community fire stations. The first of these is to take place in on April 24 th in Wombourne.				
The project has been awarded the National Energy Action (NEA) footprint award for the West Midlands. The Footprint Award aims to award and congratulate excellence by organisations working to tackle fuel poverty and reduce carbon. Prize money of £2,000 has also been awarded for the scheme. The project will now be put forward for a national award.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Level of use of the Staffordshire OC ₃ portal (Our County, Our Climate, Our Choice)	0	20,000 site hits	20,000 site hits	20,000 site hits
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To ensure that OC ₃ , which has been designed as the principal means of communication for climate change issues in Staffordshire, is current and fit for purpose.		Potential to facilitate engagement by the voluntary sector: NI 6 and NI 7.		
Resources required		Lead Partner / Officer		
On-going funding from Staffordshire CC and partner contributions on specific elements.		Staffordshire County Council, Julie Waddicor, Sarah Fielding, Alan Carr.		
Progress				
In its first year, the OC ₃ web portal had nearly 47,000 hits, with an additional 36,500 in the first half of 2009-10 (a total in the first year and a half of approximately 83,500 hits). The targets have been amended to reflect the high usage of the portal. The website is consistently developed and monitored with contributions from all Staffordshire partners. News updates, website maintenance and the creation of new pages to reflect updated legislation has been routinely monitored. OC ₃ branded events, such as a severe weather exhibition and a presence at the County Show have also been a success in further raising awareness of the site. The Johnsons blog, a fictional family from 2050 who talked about the impacts of climate change from a future perspective, was set up by the consultants and has since been nominated for a Local Government Business Award.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Install further biomass heating systems in public buildings or others where they will be accessible to the public or interested parties.	0	1	+1	+1
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities /		

	indicators
To reduce dependence on fossil fuels across business and community sectors, and to promote renewable energy generation	Potential for positive impacts on business registration (NI 171) and growth (NI 172). A slight, and controllable, potential for a negative impact on air quality: NI 194.
Resources required	Lead Partner / Officer
Funding from Staffordshire CC.	Staffordshire County Council, John Quigley.
Progress	
One biomass boiler installed at Marquis Drive, Cannock Chase.	

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Under the 'Renewablize Building Programme', carry out feasibility studies on private sector buildings, to assess their suitability for installation of renewable energy technology.	0	10	+10	+0
Rationale for the Proposed Proxy Indicator	Impact on other LAA outcomes / priorities / indicators			
To reduce dependence on fossil fuels across business and community sectors, and to promote renewable energy generation.	Potential for positive impacts on business registration (NI 171) and growth (NI 172). A slight, and controllable, potential for a negative impact on air quality: NI 194			
Resources required	Lead Partner / Officer			
Funding through Advantage West Midlands and the Environmental Technology Cluster Programme.	Staffordshire County Council, Diane Roberts.			
Progress				
Programme coming to completion end March 2010. This recession has affected targets as companies are reluctant to be seen to spend when losing staff. Some companies couldn't take the project further due to lack of funds so didn't apply for the study. Five were completed in the current financial year.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Under the 'Renewablize Building Programme', deliver training to owners of private sector buildings with completed feasibility studies, on appropriate renewable energy technology.	0	5	+5	+0
Rationale for the Proposed Proxy Indicator	Impact on other LAA outcomes / priorities / indicators			
To reduce dependence on fossil fuels across business and community sectors, and to promote renewable energy generation.	Potential for indirect positive impact on business registration (NI 171) and growth (NI 172).			
Resources required	Lead Partner / Officer			
Funding through Advantage West Midlands and the Environmental Technology Cluster Programme.	Staffordshire County Council, Diane Roberts.			
Progress				
Not arrived at implementation phase yet as one year on. Five high quality presentations were delivered with an average of eighteen attendees per course.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Set up the 'Renewables Showcase', a web-based tour of renewable energy facilities in Staffordshire.	N/A	Case studies produced and website developed	Website launched and updated	Set up the 'Renewables Showcase', a web-based tour of renewable energy facilities

				in Staffordshire.
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To provide examples of best practice in renewable energy installation and operation, as a means of encouraging further investment in this technology.		Potential for indirect positive impact on business registration (NI 171) and growth (NI 172).		
Resources required			Lead Partner / Officer	
Funding through Advantage West Midlands and the Environmental Technology Cluster Programme.			Staffordshire County Council, Diane Roberts.	
Progress				
The website is completed and can be viewed at www.rethinkenergy.org.uk . Thirty case/business studies are on line so far. The site also has a network link to renewable technology consultants.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Under the 'NewRenew' programme, deliver seminars and workshops to developers, to raise awareness of renewable energy technology.	N/A	Programme established and delivering	Programme established and delivering	Programme established and delivering
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To raise awareness of the benefits of renewable energy generation among developers, as a means of encouraging further investment in this technology.		Potential for indirect positive impact on business registration (NI 171) and growth (NI 172).		
Resources required			Lead Partner / Officer	
Funding through Advantage West Midlands and the Environmental Technology Cluster Programme.			Staffordshire County Council, Diane Roberts.	
Progress				
Programme continuing. The following seminars have been delivered: Staffordshire Wildlife Trust, (countywide), Tamworth Borough Council, Lichfield District Council, East Staffordshire Borough Council, Newcastle Borough Council, Stafford Borough Council and South Staffordshire District Council. Attendees were planners plus elected members. There was also strong interest from staff members.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Set up a Renewable Energy Business Network as a sub-group of the Staffordshire Business and Environment Network (SBEN).	N/A	Network up and running. One 'meet the buyer' event.	Network up and running. One further 'meet the buyer' event.	Network up and running.
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To provide business support for new renewable energy companies, and for those expanding in this area.		Potential for indirect positive impact on business registration (NI 171) and growth (NI 172).		
Resources required			Lead Partner / Officer	
Funding through Advantage West Midlands and the Environmental Technology Cluster Programme.			Staffordshire County Council, David Hallam.	
Progress				
Network is up and running. Currently there are 716 members. Two events were held; one covering the CRC Energy Efficiency Scheme and a larger event at Acton Trussell Moat House.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Construction of the Apedale Energy Station	none	Submission of planning application	Construction	Occupancy
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
The Apedale Energy Station is intended as a flagship zero		Positive impact on opportunities for volunteering,		

carbon visitor resource and will support other projects such as Carbon Crush.	through the Newcastle Countryside Project: NI 6, NI 7.
Resources required	Lead Partner / Officer
Invest to Save funding for capital projects. AWM funding for business support to renewables sector. County Council internal climate change budget.	Staffordshire County Council, Andy Goode /
Progress	
Construction commenced February 2010, due for completion in November 2010. Delay due to cost issues which are now resolved. Interpretation designed by Ainsworth Parkinson consultants supported and funded by Climate Change Team in Development Services.	

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Stafford Save Your Energy project (Sustainability Matters)	Launch of project May 2008	500 hits per year	1,000 hits per year	5,000 hits per year
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
The project aims to support householders as well as local businesses in improving their energy efficiency, saving money and cutting emissions.		Supports Third Sector activity NI 6 and NI 7.		
Resources required		Lead Partner / Officer		
Started up with Awards for All grant and support from Stafford BC Requires ongoing funding to maintain website, access and household support.		Sustainability Matters in Stafford Borough (Rob Hine/Rob Horton)		
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Stafford Borough Eco-Schools Network 53 schools in the Borough (47 part of the Eco-Schools Network, 28 registered as Eco-Schools).	Number of schools engaged in Eco-Schools or the Sustainable Schools Framework	28	38	All (53)
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Schools have both high energy and resource use but also have opportunities to encourage young people and beyond them, their families and communities, to be aware of climate change and other environmental issues and to address them.		Supports wide range of Children and Young people National Indicators and outcomes. Supports Every Child Matters agenda.		
Resources required		Lead Partner / Officer		
Resource currently available as part of SBC Sustainable and Healthy Communities programme.		Stafford Borough Council, Karen Davies		
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Stafford Borough Council Green Awards	38 applicants	38	39	40
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities /		

		indicators		
The Green Awards encourage good sustainability practice and include a focus on energy efficiency and climate change projects .		Supports NI 3 Civic Participation, NI 6 and 7 Volunteering.		
Resources required		Lead Partner / Officer		
Resource currently available as part of SBC Sustainable and Healthy Communities programme. However the Staffs County Council Green Awards that ran from 2003-2007 are no longer resourced and it appears the initiative has folded.		Stafford Borough Council, Karen Davies / Sebastian Pearce.		
Progress				
Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Promoting Cycling in Stafford Borough as a means of sustainable travel to work and school and for leisure purposes. Work of the Stafford Borough Cycling Working Group e.g. Annual Family Bike Ride Green Commuters Breakfasts Local Cycle Maps Bicycle Recycling Project – Back 2 Bikes Cycle Route Volunteers Cycling for Health project. Groundwork partnership work e.g. canal towpath improvements on Stone – Meaford – Stoke route.	6 events/activities per year	6	6	6
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
By promoting cycling and green travel options carbon reductions will be achieved.		Contributes to NI 6 and 7 volunteering. NI 167 congestion. NI 137 healthy life expectancy and NI 55 and 56 on obesity. NI 47 and 48 road traffic accidents. Access to public services by cycling, walking and public transport.		
Resources required		Lead Partner / Officer		
Some existing resources, but some events postponed due to reduction in available staff resources / time.		Stafford Borough Council, Karen Davies/Sebastian Pearce/Steve Keane.		
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Promoting walking in Stafford Borough as a means of sustainable travel to work and school and for leisure purposes. Work of the Stafford Borough Walking Working Group e.g. Doorstep Walks for Health, Walking for Health Initiative/ Walkwise, promotional materials and resources, led walks, walking festival.	2 Volunteer Walk Leader Training Courses per year (30 new VWLs)	144 trained VWLs 950	174 1,000	2,004 1,050
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
By promoting walking and green travel options carbon reductions will be achieved.		Contributes to NI 6 and 7 (volunteering). NI 167 congestion. NI 137 healthy life expectancy and NI 55 and 56 on		

	obesity. NI 47 and 48 re road traffic accidents. Finally Access to public services by cycling, walking and public transport.
Resources required	Lead Partner / Officer
Some existing resources from grant funding But this ends in 2011. PCT funding. Mainstream funding from partners working together e.g. Local Authority/PCT.	Stafford Borough Council, Karen Davies/K Squires.
Progress	

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Local Food Sector Initiatives, including: Promoting farmers' markets. Producing and circulating Staffs Local Food Directory. Promoting farm school links and growing food in schools. Promoting allotments. Fruit and Vegetable Exchange Scheme (FAVE) pilot.	Edition 3 of Staffordshire Local Food Directory % of allotments in use	Publish edition 4 of Staffs Local Food Directory tbc	Publish edition 5 of Staffs Local Food Directory tbc	Publish edition 6 of Staffs Local Food Directory tbc
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Local food production and consumption can reduce food miles and cut emissions. Also contributes to sustainable development, including healthier eating.		NI 6 and 7, NI 3 civic participation, healthy life expectancy, obesity etc.		
Resources required			Lead Partner / Officer	
Some resources available from officers and volunteers but insufficient to be really proactive. Bid for funding for FAVE initiative submitted, outcome pending (Nov 2008)			Stafford Borough Council, Karen Davies.	
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Support community centres within East Staffordshire to undertake feasibility studies into renewable energy and encourage energy efficiency improvements.	0% of community centres with completed feasibility studies Calculate current carbon emissions for the 5 centres.	-	-	All community centres to have completed feasibility studies.
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
The feasibility studies will lay the foundations for future carbon savings and renewable energy generation. Direct carbon savings can be measured once any energy efficiency measures and renewable energy generation have commenced.		NI 185 for the reduction of the East Staffordshire Borough Council's own related carbon emissions.		
Resources required			Lead Partner / Officer	

Bid for grants under the Community Sustainable Energy Project (up to 75% or £5,000 off feasibility studies and up to 50% or £50,000 for renewable and micro generation capital costs).	East Staffordshire Borough Council, Martyn Manning.
Progress	

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Low Carbon Communities in East Staffordshire.	-	-	Identify suitable communities (depending on funding).	Complete home energy audits in LCCs.
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
A reduction in energy consumption in the selected communities should be seen when the home survey stage of the project begins.		NI 187 - possible contribution towards improving fuel poverty.		
Resources required			Lead Partner / Officer	
Potential bid for funding through the Energy Saving Trust 1-2-1 programme.			East Staffordshire Borough Council, Martyn Manning.	
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Package of measures around the £200k grant.	0	£60k of projects identified	£60k of projects identified	£80k of projects identified
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Borough Council has recently made available £200,000 towards energy efficiency measures in the district. Borough Council is currently producing a strategy for the disbursement of this funding.		tbc		
Resources required			Lead Partner / Officer	
Officer time.			East Staffordshire Borough Council, Martyn Manning.	
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Complete thermal imaging survey in South Staffordshire.	0	Complete survey	Publish data and mapping on OC ₃ and South Staffs website.	Further promotion of data.
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To highlight areas with excessive energy use or hard to heat homes in order to encourage uptake of energy efficiency measures.		NI 187 Reduction in fuel poverty.		
Resources required			Lead Partner / Officer	
£20,000 to be found from South Staffordshire Council budget. Marketing funding to be identified from existing budgets.			South Staffordshire Council, Rachel Walters.	
Progress				
Complete and now published on Staffordshire County Council local view website linked to South Staffs and OC ₃ websites.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Targeted campaign to reduce energy use among residents of South Staffordshire.	0	1 campaign	1 campaign	1 campaign
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Communicate with residents about available grants in order to encourage uptake of energy efficiency measures. Separate correspondence to able to pay residents and non able to pay residents as grants available differ.		NI 187 Reduction in fuel poverty.		
Resources required			Lead Partner / Officer	
Action taken as part of Service Level Agreement with Hestia Managed Services.			South Staffordshire Council, Rachel Walters.	
Progress				
A direct mailing survey to meet the requirements of NI 187 was sent to 5,000 targeted households with known benefit recipients in November 2008. 535 responses were received. The carbon dioxide savings estimates for installations undertaken and reported back to Hestia in South Staffordshire Council between 1st April 2008 and 31st December 2008 are summarised below. (Fourth quarter referrals have not yet been installed.) It must be stressed that these are <i>estimates</i> only – the quality of the estimate is dependent on the quality of the data supplied.				
326 properties received cavity wall insulation 270 properties received loft insulation 377 Referrals were cancelled for unknown reasons				
Measure	Number of properties	Tonnes of CO2		
Cavity Wall Insulation	326	9,808.10		
Loft Insulation Max	270	5,606.84		
Total Maximum Saving		15,414.94		

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Leaflet drops to targeted chemists and doctors' surgeries in South Staffordshire. Venues are chosen by areas shown to have a significant proportion of properties with high heat loss, and high percentage of benefit claimants as detailed through the thermal imaging survey. A total of 10 localities throughout the district will be targeted.	0	1	0	0
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To promote free insulation measures for those over 70, and to encourage uptake.		Positive impact on NI187.		
Resources required			Lead Partner / Officer	
Action taken as part of Service Level Agreement with Hestia Managed Services.			South Staffordshire Council, Rachel Walters.	
Progress				
S Staffordshire Council requested that a leaflet to promote the services available from the West Midlands Energy Saving Trust Advice Centre be designed and delivered to 10 chemists in areas at high risk of fuel poverty. On 5th March 2009, 500 leaflets were delivered to the chemists listed below, (50 leaflets to each chemist). Each chemist was contacted in advance to explain the purpose of the leaflet, and when the delivery took place, further information was provided, along with a request that the leaflets be given out to those people whom the chemists judged to be most likely to benefit from them. CHEMISTS Cowern & Hartshorne: 235 Cannock Road, Great Wyrley, WS11 5DD				

The Whitehouse Pharmacy: Market Street, Penkridge, ST19 5DH
RCH Taylor & Partners : Doctors Surgery, Pinfold Lane, Wheaton Aston, ST19 9PD
Lloyds Pharmacy: Market Place, Brewood, ST19 9BS
Coven Pharmacy: 25 Brewood Road, Coven, WV9 5BX
Lloyds Pharmacy: 2-3 Anders Square, Perton, WV6 7QH
Lloyds Pharmacy: 9-11 Church Road, Codsall, WV8 1EA
Medi-Care Pharmacy: 1 Meadow View, High Street, Pattingham, WV6 7BD
Alliance Pharmacy: Giggetty Lane, Wombourne, WV5 0AW
Bills: 29 High Street, Kinver, Stourbridge, DY7 6HF

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
South Staffordshire campaign to promote and awareness raising of home energy conservation measures.	Leaflet Drops: 0 Publicity Events: 2	Publicity Events: 5	Publicity Events: 10	Publicity Events: 15
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Awareness raising scheme giving energy efficiency advice and helping with fuel poverty to those who need it most. Achieved through attendance at events and training partner organisations.		Significant contribution towards NI 187. Indicators related to health and social care.		
Resources required			Lead Partner / Officer	
Action taken as part of Service Level Agreement with Hestia Managed Services.			South Staffordshire Council, Rachel Walters.	
Progress				
Presentations				
Presentations consist of a slide show aimed at educating the viewer on energy issues, including energy savings tips, global warming, and possible measures and grants available. The presentation is tailored to the audience – those aimed at the public encourage installation of insulation and other energy saving measures, while those aimed at professionals highlight the dangers of fuel poverty, especially in terms of the negative health impact. In both cases, the WM ESTac free phone number is heavily promoted.				
<u>The following has taken place:</u>				
10th Dec 2008 Social Services Training presentation to staff				
12th Feb 2009 South Staffordshire HA Presentation to tenants				
2nd Mar 2009 Over 60s Ladies' Group Presentation and advice surgery				
Advice Surgeries				
The success of advice surgeries is dependent on the organisation that is putting on the event and how well promoted they are. In general, they are usually well organised and there are often several organisations present, ranging from Citizens Advice Bureaux to the Primary Care Trust. Leaflets are taken to promote various energy efficiency measures (cavity wall and loft insulation, solid wall insulation, condensing boilers, etc), as well as low energy light bulbs and power downs.				
<u>The following has taken place:</u>				
4th 2008 Cheslyn Hay Village Hall Advice surgery				
5th Dec 2008 Penkridge Victorian Market Advice surgery				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Staffordshire Moorlands Affordable Warmth Programme.	0 workshops/surveys.	8 community workshops held. 60 domestic property surveys. 20 community building	N/A	N/A

		surveys.		
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Carbon savings will result from the introduction of energy efficiency measures and CO ₂ savings being delivered by Beat the Cold.		NI 187		
Resources required		Lead Partner / Officer		
Funding identified from SMDC. £40,000 from SMDC in 2008/9, £50,000 in 2009/10.		Staffordshire Moorlands District Council, Ian Young.		
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Production of a Newcastle Borough Green Guide for community groups.	0	0	1	0
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To assist residents in the Borough to make energy efficient lifestyle decisions.				
Resources required		Lead Partner / Officer		
tbc		Newcastle Sustainability Theme Group.		
Progress				
Draft complete, undergoing final revisions by communications team.				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Lichfield Climate Change Challenge	Exact Baseline and Target figures to be established once the project commences. There is a projected decrease in domestic energy use and an increase in campaign events year on year.			
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
High profile public awareness campaign involving in depth study and publicity of small number of households assisted to reduce carbon emissions and live more sustainably.		Positive impact on NI187.		
Resources required		Lead Partner / Officer		
Funding from Lichfield District Council: £1,500. Home Zone have provided 12 Smart Meters at £12 each. Service Agreement money from Warmer Homes Greener District, approximately £400.		Lichfield District Council, Ruth Plant.		
Progress				

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Tamworth targeted campaign of promotion and awareness raising of home energy conservation measures.	Leaflet Drops: 0 Publicity Events: 2	Leaflet Drops: 5,000 Publicity Events: 5	Leaflet Drops: 7,500 Publicity Events: 10	Leaflet Drops: 10,000 Publicity Events: 15
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
Awareness raising scheme targeting the most deprived areas of Tamworth, giving energy efficiency advice and helping with fuel poverty to those who need it most.		Significant contribution towards NI 187 and 188. Indicators related to health and social care.		
Resources required		Lead Partner / Officer		
Budget of £13,000 for Home Energy Management scheme as a whole. Money from Tamworth BC.		Tamworth Borough Council, Nick Thurstan.		

Progress

Proxy Indicator	Baseline	Target 2008/09	Target 2009/10	Target 2010/11
Science for Sustainability	Number of people viewing Workshops: Children: 3,000 Teachers: 200 Public: 5,000 Number of people viewing other media: Families: 8,000 Wider Public: >1million	Number of people viewing Workshops: Children: 4,000 Teachers: 500 Public: 5000 Number of people viewing other media: Families, 10,000 Wider Public: >1million	Number of people viewing Workshops: Children: 6,000 Teachers: 700 Public: 6500 Number of people viewing other media: Families, 10,000 Wider Public: >1million	Number of people viewing Workshops: Children, >6,000 Teachers: >600 Public: >6,500 Number of people viewing other media: Families: 10,000 Wider Public: >1million
Rationale for the Proposed Proxy Indicator		Impact on other LAA outcomes / priorities / indicators		
To help promote public awareness and understanding of the science behind climate change and renewable energy technologies, and the role that individual action can play in reducing carbon emissions and tackling climate change.		Impact on other sustainability related indicators. Interaction with children with special needs or behavioural issues, for example NI45 and 103.		
Resources required			Lead Partner / Officer	
Funding: Keele University, Government research councils, schools and local authorities. Budget: £80,000.			Keele University, Nicola Rushton.	
Progress				
Programme ongoing. Staffordshire County Council has funded some additional workshops in schools in Tamworth, Chesterton and Burntwood which are now complete. These were targeted as either non Eco Schools or Bronze Award winners where progress has stalled.				