

Report to: Executive
Date: 26 February 2008
Report of: Executive Member for Liveability
Subject: Climate Change Action Plan
Ward: All

1. Purpose of Report

- 1.1 This report recommends the approval and adoption of a District of Easington Climate Change Action Plan.

2. Consultation

- 2.1 In preparing this report I have consulted with:
- Council's Management Team
 - Executive Member for Social Inclusion and Culture
 - Corporate Procurement Manager
 - Lead Officers from the Council's key partners for Climate Change as set out in the Action Plan
 - Local Residents

3. Background

- 3.1 Climate Change is widely recognised as one of the greatest global environmental challenges. It is claimed that the climate is changing at an increasing rate due to human activities which release carbon dioxide into the atmosphere thereby accelerating climate change e.g. through the burning of fossil fuels to provide for increasing energy and transport usage.
- 3.2 The Government has set an Energy White Paper target to reduce carbon dioxide emissions by 30% by 2020 and 60% by 2050, and has stated that the role of Local Authorities is fundamental in achieving this target.
- 3.3 District of Easington Council is a signatory to the Local Authority Declaration on Climate Change and has previously made a commitment through the Corporate Plan to produce a Climate Change Action Plan (CCAP) (attached as Appendix A) in order to maximise district wide reductions in carbon dioxide emissions by reducing energy consumption, encouraging renewable energy and raising awareness amongst residents.
- 3.4 Research completed during the production of the CCAP estimates the total carbon dioxide emission baseline for the whole of Easington District to be 692,500 tonnes per annum, broken down into sectors as shown in Figure 1 below:

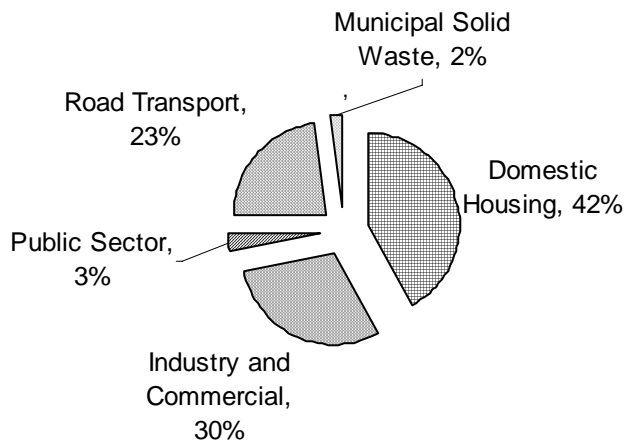


Figure 1 - Carbon dioxide emissions by sectors

- 3.5 The Council has already been successful in establishing and delivering an energy conservation and fuel poverty programme focused on the domestic housing sector and the Council has recently received a National Energy Alliance award and short listing for the national Sustainable Communities Award on the back of this approach. The CCAP builds on this award-winning work by putting in place a plan to reduce district wide carbon dioxide emissions across all sectors.
- 3.6 As part of the development of the CCAP a community consultation exercise was undertaken where local households completed a climate change questionnaire. 55% of respondents stated that they were willing to make small lifestyle changes to reduce carbon dioxide emissions if they were provided with guidance and the CCAP provides a framework for the delivery of guidance and assistance to local residents and businesses to make the changes necessary to reduce energy usage and thus lower carbon dioxide emissions.
- 3.7 Phil Woolas MP Minister of State for the Environment is scheduled to visit Easington on 7th March 2008 in connection with the Council's work on addressing in practical terms climate change issues.
- 4.0 District of Easington Climate Change Action Plan**
- 4.1 The Action Plan sets out the keys actions necessary to maximise reductions in district wide carbon dioxide emissions with a target reduction of 10% by 2013, equivalent to a 2% annual reduction target in line with the Government Energy White Paper.
- 4.2 While focussing on key deliverables by this Council to the end of the 2008/9 financial year the CCAP also raises issues and initiatives that will be of real relevance to the work of the new Unitary Authority for County Durham as well as other key stakeholders the new authority will wish to work with post April 2009. As such it sets out the activities and agencies involved in taking action to tackling climate change during 2008/9 as well as providing a sound policy base on which to develop and align commitments and targets for a new Authority from 2009/10 onwards.
- 4.3 As the majority of carbon dioxide emissions in the District come from domestic sector housing (42%), it is this sector that will form the main focus for the Action Plan along with the Council's own operations and some initial activities in engaging with the

business community in East Durham to promote and facilitate reductions in this sector.

4.4 The CCAP prioritises 6 key areas to form the core of all targeted actions as follows:

- Aim 1: To improve the energy performance of all domestic housing to reduce carbon dioxide emissions by 10% and achieve an average SAP rating of 65 by 2013;
- Aim 2: To ensure residents have a clear understanding of the impacts of climate change and how they can take actions to reduce their greenhouse gas emissions;
- Aim 3: Reduce greenhouse gas emissions from Council operational buildings by 2% per annum and maximise savings on utility expenditure;
- Aim 4: To ensure local businesses have a clear understanding of how they can minimise their greenhouse gas emissions;
- Aim 5: To reduce greenhouse gas emissions by using renewable energy technologies;
- Aim 6: To reduce carbon dioxide emissions from all vehicles operated by the Council and raise public awareness of vehicle emissions

4.5 Implementation of the CCAP has the potential for considerable benefit to local communities and local businesses. Residents taking up insulation or other energy schemes will benefit from warmer, and thus healthier, homes and lower energy usage. Local businesses could reduce their operational costs through lower energy usage, potentially increasing their competitive advantage and sustainability. In the longer term, a reduction in the rate of climate change could impact on all of our communities though a more sustainable environment and reduced likelihood of the direct impacts of climate change.

4.6 External Partners already engaged with and signed up to the CCAP include the Carbon Trust, Fuel Utilities companies, Energy Saving Trust, Carbon Emissions Reduction Target, County Durham Energy Partnership, Durham County Council, East Durham Homes, Energy Efficiency Commitment, Fuel Poverty Grants Agency, East Durham Business Service, Groundwork East Durham, National Energy Action and the Local Strategic Partnership Environment Group.

5.0 **New National Performance Framework Indicators**

5.1 The new National Performance Framework includes three climate change indicators for Local Authorities as follows:

- NI 185 – Carbon dioxide reductions from Local Authority Operations
- NI 186 – Per Capita carbon dioxide emissions from Local Authority areas
- NI 188 – Adapting to Climate Change

5.2 NI 188 sets out the benchmark against which all Local Authorities will be measured in tackling climate change ranging from level 0 to level 4. With the introduction of the CCAP we aim to reach Level 2 of NI 188 by 2009 whilst also allowing the Authority to co-ordinate any future actions necessary to comply with the obligations resulting from these new indicators.

6. **Implications**

6.1 Financial

Existing corporate budgets and resources are already established for energy conservation Schemes. However significant external funding streams are also available and the CCAP will enable these opportunities to be maximised now and in the future.

- 6.2 **Legal**
The introduction of the CCAP will provide a policy framework for Climate Change and will enable the Council to manage and respond to any legislation forthcoming from the Climate Change Bill and the new Performance Framework National Indicator Set.
- 6.3 **Policy**
The Council has previously agreed an Affordable Warmth Strategy and Energy Conservation Policy. This Climate Change Action Plan will sit alongside these documents to coordinate district wide actions and links into the Corporate Procurement Strategy.
- 6.4 **Risk Implications**
Without the introduction of a CCAP we will not be able to take action to meet the requirements of the new Performance Framework national indicators NI 185, 186 and 188.
- 6.5 **Communications**
As noted above Phil Woolas MP Minister of State for the Environment is scheduled to visit Easington on 7th March 2008. The Minister is responsible for climate change mitigation in the UK and the new Climate Change Bill. It is anticipated that as part of the visit he will be able to take part in a formal launch of Easington's Climate Change Action Plan. The Council's Communications and Marketing Manager has been briefed.
7. **Corporate Implications**
- 7.1 **Corporate Plan and Priorities**
District of Easington Council has made a commitment in the Corporate Plan (2007 – 2009) to produce a district wide Climate Change Action Plan to reduce carbon dioxide emissions. This is in line with the current East Durham Community Strategy.
- 7.2 **Equality and Diversity**
There are no equality and diversity implications.
- 7.3 **E- Government**
The Council's web site has a wide range of help and advice for the general public to reduce their domestic energy consumption and carbon footprint. In addition utility management software has been procured by the Council to allow for e-billing to be established for its operations.
- 7.4 **Procurement**
The Corporate Procurement Strategy incorporates requirements for suppliers to take steps to reduce their own carbon dioxide emissions.
- 7.5 **Housing Service Plan**
The Housing Services Plan will include a suite of national and local performance indicators to monitor annual progress towards the overall targets within the CCAP.
- 7.6 **Performance Management and Scrutiny**

The new Performance Framework includes three new national indicators for Local Authorities relevant to climate change and fuel poverty and these will be included in the indicator set for the Housing Service Plan. A summary of the Service Plan indicators related to Climate Change is provided as Appendix 7 of the Climate Change Action Plan.

- 7.7 Sustainability
The introduction of a corporate climate change action plan includes the promotion of renewable energy technologies which will give added value to sustainability issues.
- 7.8 Human Resource Implications
The action plan will be delivered within the existing staffing structure.
- 7.9 Crime and Disorder and Human Rights
There are no implications.
- 7.10 Social Inclusion
The actions taken to reduce domestic energy usage will have a positive impact of the reduction of Fuel Poverty within the District thereby enhancing Social Inclusion issues.
- 7.11 Local Government Restructure
The CCAP includes specific actions and targets for 2008/9 and some aspirational actions and targets for future years. It does not, however, make any specific commitment to expenditure in future years that are not resourced.
- 8. **Recommendations**
 - 8.1 That the Executive approves the report and the District of Easington Climate Change Action Plan as set out at Appendix 1.

Background Papers:

Appendix 1 – District of Easington Climate Change Action Plan

Appendix 1

District of Easington Climate Change Action Plan

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Foreword

Ian Pearson MP – Climate Change Minister

The consensus from leading scientific research and expert opinion is that global warming is happening. The greenhouse gas emission targets included in the Government Energy White Paper are a reflection of the importance that is being placed on tackling Climate Change as the most important environmental challenge facing society today.

I have been very impressed by the commitment and enthusiasm shown by the District of Easington Council to lead by example in the area of reducing greenhouse gas emissions whilst embracing the potential to reduce fuel poverty. The Council have shown themselves to be a forward thinking Local Authority and by developing this Action Plan are ensuring that they will play their part in the delivery of the Energy White Paper objectives to cut greenhouse gas emissions by 60% by the year 2050.

I am very pleased to support the District of Easington Climate Change Action Plan and wish them success with their aspirations to help reduce global warming.

Alan Napier - Leader of Easington District Council

The aim of the District of Easington's Climate Change Action Plan is to accelerate the transition to a low carbon economy by helping local residents and organisations to reduce their greenhouse gas emissions and thus contribute to a reduction in global warming.

This action plan demonstrates how we will coordinate district wide actions to reduce carbon dioxide emissions whilst addressing fuel poverty by improving the energy efficiency of domestic properties for the benefit of local communities.

We are in a unique position to offer impartial guidance to help shape the transition to a low carbon economy and this Climate Change Action plan is a significant step forward towards this objective.

John Cummings MP

Climate Change is a very real and immediate threat. Carbon dioxide levels have already reached their highest levels for almost half a million years and are rising faster. People everywhere will be affected by climate change, so it is vitally important that we all take steps to reduce our carbon dioxide emissions. Local communities need help and guidance to reduce greenhouse gas emissions and I applaud the forward looking approach of Easington District Council in producing their Climate Change Action Plan.

Endorsements from Partner Organisations

Eaga Partnership

The Eaga Partnership is delighted to be working alongside Easington District Council on their Climate Change Action plan. Climate Change is an increasingly important element of the Government's Warm Front grant scheme enabling vulnerable households to reduce the impact of climate change by making their homes more energy efficient.

Working in partnership with Easington District Council enables a combined approach to eradicate fuel poverty and reduce the impact of climate change. Partnerships are vital to the success of the delivery of such strategies and I am pleased that Easington District Council and Eaga Partnership have a long standing relationship to help deliver this key programme.

Adrian Hull. Director of Warm Front

Energy Saving Trust

The Government expects Local Authorities to take a lead role in tackling climate change and it is very encouraging to see the District of Easington's Climate Change Action plan playing a key role to reduce carbon emissions. Energy efficiency along with the use of renewable energy will deliver significant reductions in greenhouse gas emissions from individuals and communities supported by good quality advice and information. The Energy Saving Trust has developed an excellent working relationship with District of Easington in delivering energy savings in the domestic sector and as a key delivery partner we are proud to be part of this endeavour and we look forward to working in partnership to deliver real carbon savings over the forthcoming years.

Steve Hunter. Director Energy Saving Trust Advice Centre

National Energy Alliance (NEA)

Whilst climate change is a complex, global problem, it is at a local level that effective action can be taken to reduce greenhouse gas emissions and benefit communities. Local authorities are the key agents in co-ordinating delivery of the action plans that will create healthy, sustainable communities. To be effective such action plans must bring key agencies together in partnership to determine priorities for local action. District of Easington is to be commended for adopting exactly such an approach, demonstrating that effective partnership work is the key to success.

I applaud all those who have contributed to this action plan and wish them every success in implementing an action plan that will bring tangible benefits to householders, whilst tackling the effects of climate change and fuel poverty.

William Gillis. NEA Chief Executive

NPower plc

As one of the UK's leading energy suppliers NPower has an important part to play in helping to tackle Climate Change. We are active in a number of ways from moving to cleaner sources of energy in our generation plant, developing green and renewable energy for our residential and business customers, through to bringing well over a million energy efficiency measures into UK households during the last year alone.

We are delighted to be part of this Climate Change Action plan and we look forward to building on our existing partnership with District of Easington Council. To date we have provided funding in support of domestic insulation and heating schemes which are making a real difference in the community, not only to help the environment but also to save householders money and keep homes warmer.

Congratulations to Easington on the publication of this action plan and we look forward to continuing to work in partnership to help to deliver this Plan.

Kevin Miles. Managing Director - NPower Residential

North East Regional Assembly

I welcome the commitment of Easington District Council to tackling the causes of climate change and the initiatives set out in this action plan. Addressing the challenge of a changing climate is not an easy task, it requires action in partnership across the community and a view to the long term. This Action Plan enshrines both, providing an essential focus for action on emissions reductions.

Reductions in emissions are essential in reducing future climate impacts. I look forward to working with Easington District Council on this important agenda, this Action plan represents a welcome and firm foundation from which to move forward.

Adrian Hilton. Regional Climate Change Co-ordinator

County Durham Primary Care Trust

The County Durham PCT would like to take this opportunity to support the goals within the Easington Climate Change Action plan. We think it is very important to reduce greenhouse gas emissions through joint working to reduce fuel poverty, promote warmer homes and encourage physical activities as an alternative means of travel

Clair Sullivan Deputy Director of Public Health

Chapter One – Introduction

The Role of Local Authorities in Tackling Climate Change

The Government's Climate Change Programme states that Local Authorities have a leading role to play in assisting local communities to reduce their carbon footprint. Easington District Council acknowledges this key role and aims to lead by example in reducing the carbon emissions from our own Council operations and activities, for instance through the adoption of sustainable procurement practices, and by providing help and guidance for others to do the same. This action plan will enable us to maximise the support for local communities to minimise their energy usage (and related carbon emissions), with the additional benefit of potentially reducing levels of fuel poverty and thus provide quality of life improvements for residents.

Climate change is one of the greatest environmental threats due to the detrimental effect on the social, economic and environmental well-being of our local communities. However this threat also offers real potential for us to cut the cost and environmental impact of our day-to-day existence by living in a more energy efficient and sustainable manner.

The District of Easington Climate Change Action plan will assist in achieving the Governments target to reduce UK carbon emission by 60% by 2050 and sets out how we will prioritise reductions in carbon emissions from Council buildings and domestic homes by working with local communities and partner organisations.

Corporate Commitment to Tackling Climate Change

In signing the Nottingham Declaration on Climate Change and producing this Climate Change Action plan, Easington District Council has made a significant commitment to help curb the threat of climate change. The District of Easington Community Strategy states;

“We need to protect and improve the environment to ensure it continues to provide the resources we need by reducing energy consumption, encouraging renewable energy and raising awareness amongst residents.”

We will therefore use the Councils positive influence with local communities to highlight the advantages of being energy efficient in order to maximise the reductions in carbon dioxide emissions from our district.

Actions to Date

Prior to the launch of this action plan District of Easington has primarily focussed its climate change efforts in the domestic sector with home insulation, energy conservation and energy advice programmes. Easington has developed the Warm Homes Campaign to provide energy saving advice and grants to householders in Easington District. Over the period 1997 – 2007 our Warm Homes Campaign has insulated over 13, 000 homes within the district representing a potential reduction of carbon dioxide emissions of over 750, 145 tonnes of carbon dioxide per year due to homes needing less energy to provide space heating.

District of Easington Climate Change Baseline

Research carried out for this Action plan by the Centre for Sustainable Energy has allowed the production of a district-wide carbon dioxide emissions baseline. This baseline estimates the current total greenhouse gas emissions for the whole of Easington District to be **692, 500 tonnes** of carbon dioxide being discharged into the atmosphere per annum. As domestic dwellings contribute the most district wide carbon dioxide emissions they will form the main priority for the action plan. By establishing a district wide carbon emissions baseline it will enable the impacts of greenhouse gas reduction activities to be monitored.

The diagram below in Figure 1 identifies district wide emissions from the following sectors:

- **Domestic Sector Housing**
- **Local Industry/Business**
- **Local Road Transport**
- **Public Sector**
- **Municipal Solid Waste**

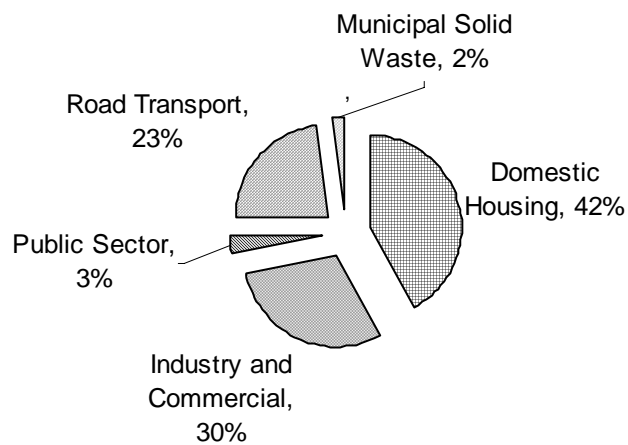


Figure 1 - Carbon dioxide emissions by sectors

Public Consultation

The Government's Climate Change Programme 2006 states that "Significant reductions in energy consumption and greenhouse gas emissions can be achieved by providing relevant advice, support and training to local communities".

As part of the development of this Climate Change Action plan a community consultation exercise was undertaken to gauge the willingness of the general public to take action to reduce their greenhouse gas emissions.

Over 200 households took part in this consultation exercise with a very large percentage of the public (94%) considering climate change to be a real threat locally and nationally. The background details of this consultation exercise are shown in Appendix 6.

Geothermal Research, Education & Training Institute (GREAT)

The District of Easington Council is currently working with the University of Newcastle to establish a Geothermal Research, Education & Training (GREAT) Institute in our District as an international centre of excellence in the development and application of microgeneration. The Institute will incorporate cutting-edge scientific and engineering research and training for geothermal micro generation and low carbon building technologies.

The GREAT institute will be a flagship project that will build on the research expertise of the University of Newcastle, the diverse geology of the Easington area and the presence of an ambitious business cluster which has already been successful in securing new economic opportunities for the area. Still in the final planning stages at the time of publication of this plan, it is anticipated that the Institute will accommodate a range of activities including research and test laboratories, teaching and training rooms, business development and incubation units, office space and a public science outreach exhibition and conferencing facility.

Climate Change Pledge

A total of 270 households took part in the District of Easington Climate Change Pledge exercise which encouraged households to make a written commitment to take simple everyday actions that would help reduce their carbon footprint.

Households who signed the pledge agreed to make everyday lifestyle changes and were provided with advice and guidance on how to reduce their greenhouse gas emissions. This exercise reinforced the need for Local Authorities to prioritise guidance for the general public to help reduce carbon emissions and take the necessary actions.

Carbon Management Matrix

The Government's Carbon Management Matrix was used in the development of this action plan and action plan to assess district wide potential for reductions in carbon dioxide and to highlight the strengths and weaknesses of existing operations in terms of carbon savings. It has also assisted in the development of the detailed climate change action plan aimed at improving key performance areas having a direct and indirect influence on carbon emissions.

Chapter Two – The Current Situation

What is Climate Change ?

Climate change is widely recognised as the world's most important environmental problem. Experts believe that the Earth's climate is changing because of human activities i.e. burning coal, oil and gas for energy production, destroying forests for farming land and exhaust emissions from cars. These activities are releasing more and more greenhouse gasses into the atmosphere – mostly carbon dioxide and methane. These greenhouse gasses trap the heat from the sun thus causing "Global Warming" and changing the weather conditions across the globe. The Government's UK Climate Impacts Programme state that by 2050 an annual global warming of 1.0°C to 2.5 °C will produce winters that are 5 – 15% wetter and summers that are 15 – 30% drier. As the climate plays a vital role in the environmental, economic and social make-up of the modern world, climate change will bring about a substantial impact to all of these activities.

How has climate change come about ?

Our planet is surrounded by a blanket of greenhouse gasses which have the effect of keeping the surface of the Earth warm by trapping infrared radiation from the sun. However as mankind produces more and more greenhouse gasses, mainly carbon dioxide, the overall effect is to cause our climate to get warmer and warmer. Scientists have confirmed that this "Enhanced" greenhouse effect during the 20th century has produced the warmest period for the past 1,000 years. Nine of the ten warmest years since 1861 have occurred in the past two decades with 1997, 1998 and 2005 being the warmest years ever recorded.

The effects on our way of life

Climate change will affect everyone on our planet. The weather affects our homes, neighbourhoods, how we get to work, how we travel, our leisure time and our lifestyles. Consequently as weather patterns change in relation to climate change it will affect every part of our environment and our day to day lives including damage to buildings caused by high winds and subsidence, the availability of fresh water and drainage, adverse effects on biodiversity due to increased temperatures and detrimental effects on public health.

What do communities need to do ?

All people have a responsibility to reduce their carbon dioxide emissions wherever possible to reduce the effects of climate change. Actions taken locally will have a global effect on reducing climate change. Easington District Council is committed to working with our local communities to help, support and encourage local residents take action to reduce their carbon footprint and thus reduce global warming as detailed in the Climate Change Action Plan shown in Chapter 3.

Policy context

The Government have developed a number of policies and agreements at a local, national and international level aimed at reducing greenhouse gas emissions i.e. Kyoto Protocol; UK Sustainable Development Strategy (2005); Climate Change and Sustainable Energy Act (2006); Sustainable Procurement Task Force etc.(Please see Appendix 3 for full listing).

However the Governments main policy document remains the Energy White Paper (2003) which requires a national cut in greenhouse gas emissions by 60% by 2050 from a 1990 baseline position.

Chapter Three - Climate Change Action Plan

Where Are We Now?

In 2004 the District of Easington as a whole produced 692,500 tonnes of carbon dioxide emissions. Easington District Council contributed 22,279 tonnes of carbon dioxide of this total (See Appendix 5). The majority of these emissions come from the energy used in Council buildings for heating and electricity consumption but fleet and car usage was also recorded.

Where Do We Want To Be?

The most widely quoted and accepted carbon dioxide reduction target is the Government's Energy White Paper (2003) target requiring a 30% cut in carbon dioxide emissions by 2020 and 60% by 2050.

Most reports highlight the significance of short-term large scale cuts. The Energy White Paper highlights the need for "significant progress by 2020." The District of Easington has therefore set targets to maximise the reductions in carbon dioxide emissions as shown below.

The District of Easington Climate Change Action Plan makes a commitment to reduce total carbon emissions by 10% up to 2013 by focusing activities on the areas where it can influence the greatest district wide reductions in greenhouse gas emissions as detailed below:

Statement of Intent

Climate Change is likely to be one of the most challenging issues for all Local Authorities. This Climate Change Action Plan will provide a framework for the Council and partner organisations to take local action to meet the challenge of global warming.

- We will set out and implement a detailed 5 year Climate Change Action Plan to co-ordinate district wide actions to reduce greenhouse gas emissions in partnership with key local and regional stakeholders;
- We will reduce energy usage in all Council operational buildings and implement schemes and practices to reduce carbon emissions by 2% per annum with a total reduction of 10% by 2013;
- We will establish the district wide carbon footprint from all domestic properties and Implement schemes and practices to reduce carbon emissions by 2% per annum with a total reduction of 10% by 2013;
- We will improve the energy performance of all domestic housing to achieve an average energy performance of SAP 75 in Council housing and SAP 60 in private housing by 2013;

- We will support the local business community to reduce their energy consumption and greenhouse gas emissions
- We will set out a methodology to monitor annual progress against the existing carbon emissions baseline for the whole of Easington District
- We will encourage sustainable procurement solutions through collaborative practices with key stakeholders

A detailed Climate Change Action Plan is set out in full in chapter 3 detailing how we aim to maximise reductions in greenhouse gas emissions within Easington District.

Visions and outcomes

Climate Change is often presented as a global problem of huge complexity, yet most of the actions which cause greenhouse gas emissions take place at a very local level – even at an individual level. This Action Plan has been developed on the basis that the main solutions to climate change lie principally in changing the behaviour and consumption choices of individual households, local communities and local businesses.

This Climate Change Action plan demonstrates how we will co-ordinate district wide actions to reduce carbon dioxide emissions for the benefits of local communities and businesses. District of Easington will play a fundamental role in achieving these changes due to:

- Direct connections with local communities and businesses;
- Opportunities to stimulate and support local communities, organisations and businesses to make the changes necessary to benefit themselves and the local economy;
- Ability to make national issues become locally relevant

By taking action to reduce greenhouse gas emissions there are significant financial benefits to local communities, local businesses and Council operations. The Climate Change Action plan affords Easington the opportunity to establish a holistic plan in line with our Sustainable Community Strategy to reduce greenhouse gas emissions in the following areas:

- Local residents taking up insulation or other energy schemes could benefit from warmer homes, lower energy usage and a more sustainable environment;
- Local businesses could reduce operational costs through lower energy usage, potentially increasing their competitive advantage and sustainability;
- Council operations could operate with lower energy usage, and potentially lower utility costs and greenhouse gas emissions (i.e. council buildings energy consumption, planning policy, waste management, transport);

Sustainable Procurement

Sustainable Procurement involves taking social and environmental considerations into account alongside financial factors when procuring products and services. By adopting a sustainable procurement approach it can potentially make a major contribution to reducing greenhouse gas emissions.

Targets for Improved Performance

Improvements in performance will be the primary focus of the implementation of the action plan. Under the Government's new Performance Framework for Local Authorities a new National Indicator - NI 188 Adapting to climate change – has been established to provide a national benchmark against which all Local Authorities will be measured in tackling climate change.

With the introduction of the Climate Change Action Plan we aim to reach Level 2 of NI 188 by 2009 whilst also allowing the Authority to co-ordinate any future actions necessary to comply with the obligations resultant from these new indicators.

The Climate Change Action Plan sets out the key actions necessary to significantly reduce carbon dioxide emissions up to 2013 and thereby have a positive influence on climate change and global warming. Running up to the 2013 deadline the action plan will be reviewed and extended for a following 5 year period to continue to reduce greenhouse gas emissions.

Key Aims of the Climate Change Action Plan

The District of Easington Climate Change Action Plan has prioritized the following 6 key Aims to form the core of all targeted climate change actions. As domestic housing contributes the highest amount of carbon dioxide emissions this section will be the main focus for the Action Plan. The other main areas targeted are where we consider that we can maximize reductions in greenhouse gas emissions within the 5 year timescale as follows:

Aim 1: To improve the energy performance of all domestic housing to achieve a 10% reduction in carbon dioxide emissions and achieve an average SAP rating of 65 by 2013

Aim 2: To ensure residents have a clear understanding of the potential impacts of climate change and how they can take actions to reduce their greenhouse gas emissions

Aim 3: Lead by example to reduce greenhouse gas emissions from Council operational buildings by 10% per annum whilst maximising savings on utility expenditure

Aim 4: To ensure Local Business and employees have a clear understanding of how they can minimise their greenhouse gas emissions

Aim 5: To reduce greenhouse gas emissions by using renewable energy technologies

Aim 6: To reduce carbon dioxide emissions from all vehicles operated by the Council and to raise public awareness of reducing emissions from private car usage

A resources table shown in Appendix 8 gives details of the funding opportunities currently available to underpin the commitments made in the Action Plan.

Resources/Partners

CDEP: County Durham Energy Partnership

CT: Carbon Trust

CERT: Carbon Emissions Reduction Target

DCC: Durham County Council

EDH: East Durham Homes

EST: Energy Saving Trust

EEC: Energy Efficiency Commitment

Eaga: Fuel Poverty Grants Agency

EDBS: East Durham Business Service

GED: Groundwork East Durham

NEA: National Energy Action

LA21: Local Action 21 Environmental Group

NEPO: North East Purchasing Organisation

Key Aim 1

To improve the energy performance of all domestic housing to reduce carbon dioxide emissions by 10% and achieve an average SAP rating of 65 by 2013

Action to Reduce Domestic Emissions of Greenhouse Gasses (Mitigation)					
Ref:	Key Actions	Resources/ Partners	Timescale/ Targets	Service Responsibility	Outcomes
DH1	Warm Homes Campaign to maximise uptake of home insulation grant schemes	DOE; EDH; EST; EAGA; NEA; LSP; EEC; CERT	Ongoing Target – 600 grants claimed per annum	Housing Service	Decent homes; warmer, healthier homes; lower fuel bills; health improvements; reduction in carbon dioxide emissions
DH2	Continue to record all energy related data into whole stock housing energy database	DOE; EAGA; EST	Ongoing Target – monitor carbon emissions from domestic properties	Housing Service	Monitoring of domestic energy and carbon reduction targets
DH3	Distribute free low energy light bulbs to vulnerable households	DOE; EEC; CERT	Ongoing Target – 2000 households per annum	Housing Service	Reduced energy usage/ electricity bills
DH4	Produce district wide carbon emissions GIS maps	DOE	05/2008 Target – integration with energy database	Housing Service	Targeting for grant schemes at super output area level
DH5	Write carbon reduction target into complementary strategies including Local Area Agreement, Housing Strategy 2008 and Sustainable Procurement Strategy	DOE	04/2008	Housing Service & Corporate Procurement Manager	Coordinated delivery of corporate priorities
DH6	Increase average SAP rating of Council housing	DOE; EDH; EEC; CERT	Ongoing Target – 2 SAP points per annum	Housing Service	Reduced greenhouse gas emissions from domestic housing

DH7	Increase average SAP rating of private sector housing	DOE; EDH; EEC; CERT	Ongoing Target – 1 SAP point per annum	Housing Service	Reduced greenhouse gas emissions from domestic housing
Actions to Adapt to the Effects of Climate Change					
DH8	Continue to carry out regular structural inspections of Council housing and public buildings in relation to the effects of climate change	DOE; EDH	04/2008	Engineering and Countryside Services	Monitor potential defects caused by falling water table i.e. subsidence
DH9	Develop and promote sustainable procurement practices, an Office of Government Commerce (OGC) baseline assessment and Procura+ guidelines	DOE	04/2009	Corporate Procurement Manager	Reduced greenhouse gas emissions from goods and services purchased by DOE

Key Aim 2

To ensure residents have a clear understanding of the potential impacts of climate change and how they can take actions to reduce their greenhouse gas emissions

Actions to reduce greenhouse gas emissions (Mitigation)					
Ref	Key Actions	Resources/ Partners	Timescale/ Targets	Service Responsibility	Outcomes
TA1	Develop a climate change communication plan with Warm Homes Campaign to co-ordinate energy conservation and climate change advice to the public	DOE; EDH; EST; EAGA; NEA; LSP; EEC; CERT; CDEP	03/2008 Target – advice literature produced and distributed to public	Communications and Marketing	Public and staff encouraged to reduce their carbon footprint
TA2	Extend and support district wide Energy Champions network to provide energy conservation guidance to local communities	DOE; NEA; EST	04/2008 Target – quarterly updates and newsletter	Housing Service	Community involvement to stimulate greenhouse gas reductions

TA3	Work in partnership with LSP Environment Group to embed climate change reduction actions into sustainable community strategy	LSP; DOE	Ongoing	Housing Service	Corporate commitment to deliver greenhouse gas reductions
TA4	Develop and deliver classroom based climate change education sessions for school children	DOE; DCC; NEA	05/2008 Target – 20 schools per annum	Housing Service	Children encourage adults to make the lifestyle changes necessary to reduce greenhouse gas emissions
TA5	Enable residents to make a climate change pledge to reduce their personal carbon footprint	DOE; EST	06/2008 Target – 500 pledges per annum	Housing Service	Pledge reinforces public commitment to take action
TA6	Promote awareness of low carbon electricity tariffs	DOE; EST	03/2008 Target – integrate into general advice	Housing Service	Uptake of low carbon energy production
Actions to Adapt to the Effects of Climate Change					
TA7	Raise awareness of potential climate change impacts and provide adaptation advice	DOE; EST; CT	06/2008	Housing Service	Public awareness raised on potentially necessary adaptations

Key Aim 3

Lead by example to reduce greenhouse gas emissions from Council operational buildings by 2% per annum whilst maximising savings on utility expenditure

Actions to reduce greenhouse gas emissions (Mitigation)					
Ref	Key Actions	Resources/ Partners	Timescale/ Targets	Service Responsibility	Outcomes
PB1	Engage Carbon Trust to undertake survey of all operational buildings	DOE, CT	03/2008 Target – Recommendations built into management plan	Housing Service	Independent report on potential for carbon and utility savings
PB2	Develop a public buildings utility management plan to record and monitor all gas and electric usage to allow evaluation of greenhouse gas emissions from public buildings	DOE; EDH; NEPO; TEAM	04/2008 Target – Corporate approval of management plan	Housing Service	Reduced utility accounts. Monitoring of carbon reduction targets from public buildings
PB3	Implement a staff awareness programme and integrate into inductions of new staff	DOE; EDH; EST; CT; NEA; EEC	Ongoing Target – quarterly staff updates via intranet	Housing Service	Energy consumption reduced in public buildings
PB4	Produce Energy Performance Certificates (EPC's) for all public buildings	DOE; EDH; TEAM	10/2008 Target – EPC's produced for all public buildings	Housing Service	Compliance with EU Legislation
PB5	Ensure all proposed public building refurbishment schemes consider the use of energy conservation and renewable energy technologies	DOE; EDH	04/2008 Target – built into Invest to Save plans	Asset & Property Management	Reduced energy usage and carbon emissions
PB6	Continue to develop sustainable practices within the corporate procurement strategy	DOE; EDH; NEPO	2009 Target – to be embedded in strategy	Corporate Procurement Manager	Sustainable impacts are identified and progressed in procurement practices

PB7	Investigate the use of renewable electricity tariffs for operational buildings	DOE; EDH; EST; NEPO	10/2008 Target – financial appraisal	Housing Service	Reduction in carbon emissions
PB8	Investigate OGS “Quick Wins” baseline assessment of commonly procured commodities to meet minimum environmental standards	DOE	2009	Corporate Procurement Manager	Reduction in carbon emissions
Actions to Adapt to the Effects of Climate Change					
PB9	Develop an air conditioning and ventilation usage guide for staff	DOE; EDH	06/2008 Target – advice available via intranet	Housing Service	Minimise energy wastage

Key Aim 4

To ensure Local Business and their employees have a clear understanding of how they can minimise their greenhouse gas emissions

Actions to reduce greenhouse gas emissions (Mitigation)					
Ref	Key Actions	Resources/ Partners	Timescale/ Targets	Service Responsibility	Outcomes
BS1	Investigate developing a support service to assist local businesses to save energy and reduce carbon emissions	EDBS; GED; DOE; EST; CT	2009 Target – business plan for support service	Groundwork East Durham	Reduction in business energy usage, carbon emissions and operational costs. Increased profitability, possibility of expansion and job creation
BS2	Investigate developing a training/awareness programme for staff from local business to promote awareness of energy conservation and climate change issues	EDBS; GED; DOE; EST; CT	2009 Target – business plan for support service	Groundwork East Durham	Support for local businesses to reduce operational costs
BS3	Publicise Government grant schemes to encourage local business to be aware of Government energy conservation grant schemes	EDBS; GED; DOE; CT	10/2008 Target – information supplied in the EDBS newsletter	Housing Services; East Durham Business Service	Increased awareness and uptake of national grant schemes

BS4	Develop a training and awareness programme on sustainable procurement issues. Investigate North East Centre of Excellence (NECE) harmonisation of documents project Investigate a waste and resources programme Investigate membership of International Council of Local Environmental Initiatives (ICLEI) to promote best practice to local businesses	DOE; NECE; ICLEI	2009	Corporate Procurement Manager	Awareness of environmental goods and services
Actions to Adapt to the Effects of Climate Change					
BS5	Raise awareness of the potential climate change impacts and provide adaptation advice	EDBS; GED; DOE; CT	2009 Target – business plan for support service	Groundwork East Durham	

Key Aim 5***To reduce greenhouse gas emissions by the use of renewable energy technologies***

Actions to reduce greenhouse gas emissions (Mitigation)					
Ref	Key Actions	Resources/ Partners	Timescale/ Targets	Service Responsibility	Outcomes
RE1	Undertake feasibility study on the use of renewable energy technologies in Council operational buildings and Council owned domestic housing	DOE; EDH; NEA; EAGA; EEC; CERT	04/2008 Target – pilot project agreed	Housing Service	Encourage renewable energy technologies to assist with Decent Homes and fuel poverty targets District of Easington leads by example
RE2	Promote renewable energy grant schemes to private homeowners	DOE; EST; EDBS; GED; EEC	03/2008 Target – promote schemes to all residents via mail outs	Housing Service	Greater awareness of renewable energy grants and uptake in domestic and commercial projects
RE3	Develop linkages with G.R.E.A.T. Institute to develop research into local energy generation	DOE	07/2008 Target – integrate with RE1	Housing Service	Maximise access to new technologies
RE4	Reduce the impact of development on climate change using the Local Development Framework by encouraging all developments with 10 or more residential units to be constructed to the Code for Sustainable Homes Standard Level 3 and 10% of energy use from renewable sources	DOE	2008 Target – fully integrated into LDF	Planning Service	Code for Sustainable Homes target enforced by Planning Policy team New housing developments will include renewable energy measures
RE5	Use the New Business Premises LDF Planning Target to require commercial schemes to provide 10% of energy use from renewable sources	DOE	2008 Target – fully integrated into LDF	Planning Service	High efficiency business premises to reduce operational costs and reduce energy consumption

					New businesses encouraged to locate within district
RE6	Investigate training for key staff i.e. Planning and Building Control Officers, Energy Officer on renewable energy technologies	DOE; EST; NEA	05/2008 Target – free training undertaken by EST	Planning Service Housing Service	Enhanced understanding of renewable technologies
Actions to Adapt to the Effects of Climate Change					
RE7	Undertake an annual monitoring report to assess relevant LDF Planning Policies		2009 Target – annual report distributed	Planning Service	New developments adapt to the effects of climate change

Key Aim 6

To reduce carbon dioxide emissions from all vehicles operated by the Council and to raise public awareness of reducing emissions from private car usage

Actions to reduce greenhouse gas emissions (Mitigation)					
Ref	Key Actions	Resources/ Partners	Timescale/ Targets	Service Responsibility	Outcomes
T1	Distribute EST information to general public and staff to raise awareness of greenhouse gas emissions from vehicles, fuel saving driving methods and awareness of cleaner fuel vehicles	DOE; EST; DCC; EDH; LSP	07/2008 Target – integrate into key action TA1	Housing Service	Greater awareness of climate change impacts of car usage leading to reduction of car usage and increased use of other forms of transport Public awareness of health benefits
T2	Aim to deliver a staff and fleet driver training scheme to encourage fuel saving driving methods	DOE; EDH; EST; DCC; LSP; CT	10/2008 Target – pilot scheme with EST	Fleet Manager	Travel planning and less emissions
T3	Aim to appraise the use of clean fuel vehicles in the Council fleet	DOE; EDH; EST; CT	2009	Fleet Manager	Evaluation of electric vans; dual fuel vehicles and new technologies
T4	Investigate carrying out an OGC “Quick Wins” baseline assessment of commonly procured commodities to meet minimum environmental standards	DOE; OGC	2009	Corporate Procurement Manager	Awareness of environmental goods and services

Chapter 4 - Implementation

Delivery and Responsibility

The Climate Change Action Plan is deliberately wide ranging and cross cutting in nature in order to be as effective as possible in reducing carbon dioxide emissions within Easington District.

The responsibility for the coordination of the Action Plan will reside with the Council's Housing Service. It will be the responsibility of all Council operations to incorporate the action plan into their departmental business plans. To ensure delivery is embedded, each department shown in the Action Plan will be asked to report annually upon their key actions as defined in the Climate Change Action Plan.

Monitoring and Reporting

Progress will be reported using the Housing Service Plan and bi-yearly annual progress reports to the Sustainability Working Group (formerly LA21 Group). Annual progress will then be reported to the Service Delivery Scrutiny Committee followed by the publication of an annual progress report. In addition progress will be reported annually to DEFRA in the Annual Home Energy Conservation Act Report and as part of the new National Performance Indicator Set.

Part of the annual report will be to track progress against the Carbon Trust's Carbon Management Matrix. This Matrix has been designed to appraise Local Authority progress towards carbon management and identifies further carbon saving opportunities.

Conclusion

For many years the Council has been active and very successful in reducing domestic energy consumption and domestic carbon dioxide emissions within Easington District. Now Easington District Council has made a significant commitment to reduce greenhouse gas emissions from the whole of Easington District.

The need to engage with the residents of Easington District to address the problem of climate change is of vital importance to ensure the success of this Climate Change Action plan. We propose to build on our excellent track record in domestic energy conservation, utilise our local knowledge and close contacts with residents and partners to maximise the progression to a low carbon lifestyles in order to minimise the effects of global warming.

Appendix 1 Glossary of Terms and Bibliography

Term	Definition
Biodiversity	The variety of life
Carbon dioxide	The main greenhouse gas. It is produced by humans in their activities such as burning fossil fuels and using the internal combustion engine
Carbon neutral	Assessment of how a particular activity has an effect of the Earth's climate
Climate change	The results of global warming – a gradual warming of the earth's atmosphere, increasing the sea levels and tidal surges and an increased severity of extreme weather, for example rainfall, wind or drought
Carbon emissions baseline	The amount of greenhouse gas emitted by the whole of Easington District. Used as a baseline to measure future greenhouse gas emissions
Fossil fuel	Coal, oil and gas are classed as fossil fuels. When these fuels are burnt we release the carbon stored within them into the atmosphere as carbon dioxide
Global warming	The result of the enhanced greenhouse effect – an increase in the average surface temperature of the earth
Greenhouse gasses	Gasses produced by natural and manmade processes which maintain the surface temperature of the earth
Greenhouse effect	The process which maintains the surface temperature of the earth
Sustainable development	Meeting the need soft the present generations without compromising ability of future generations to meet their own needs
HECA	Home Energy Conservation Act 1996
UKCIP	United Kingdom Climate Impacts Programme
Sustainable Procurement	Sustainable Procurement is a process whereby organisations meet their needs for goods, services, works and utilities in a way that achieves value for money on a whole life basis whilst minimising damage to the environment
Bibliography	
Department of Trade and Industry Energy White Paper (2003) Creating a low carbon economy	
Department of Transport – The future of transport white paper (2004)	
HM Government – Climate Change the UK Programme (2006)	
Department of Trade and Industry – Micro generation Strategy (2006)	
The North East Assembly – And the weather is today (2003)	
UK Climate Impacts Programme – Climate Change and Local Communities(2003)	
Local Government Association – How Local Authorities can meet the challenge of climate change (2004)	
North East Assembly – North East Renewable Energy Strategy (2006)	
Centre for Sustainable Energy – Local and Regional Action to Cut Carbon (2005)	

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Office of Government and Commerce – ‘Quick Wins’
Sustainable Procurement Action Plan
Transforming Government Procurement
Office of Government and Commerce - Top Ten Tips for Sustainability
Local Authority Environmental Management and Procurement Toolkit
Procura+

Appendix 2 Contacts

The table below provides useful contact details to help you conserve energy and reduce your carbon emissions

Topic Area	Organisation	Service
Climate Change	www.ukcip.org.uk www.climatechange.com.au/ www.climatechallenge.gov.uk www.climateark.org www.ipcc.ch www.cse.org.uk	Climate change facts and information
Carbon footprints	http://actonco2.direct.gov.uk www.wwf.org.uk/oneplanet/	How to measure your carbon footprint and see how you can make a difference
Carbon offsetting	www.co2balance.com www.carbonneutral.com	Carbon offsetting service
Domestic energy efficiency	District of Easington Council 0191 5270 501 www.easington.gov.uk Energy Saving Trust www.est.org.uk/northeast	Home energy efficiency grants and energy saving advice
Business energy efficiency	The Carbon Trust www.thecarbontrust.org.uk	Energy saving advice for businesses
Renewable Energy	Department of Trade and Industry www.dti.gov.uk/energy/sources/renewables	Advice on renewable energy
Transport	Energy Saving Trust Advice Centre www.est.org.uk/ www.transport2000.org.uk	Advice on transport issues
Waste and Recycling	District of Easington Council 0191 5270 501 www.easington.gov.uk	Advice about waste and recycling
Sustainable Procurement	www.4ps.co.uk www.sustainable-development.gov.uk www.ogc.gov.uk www.actionenergy.org.uk www.practicalhelp.org.uk	Awareness of environmental goods and services

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	www.ogcbuyingsolutions.gov.uk www.leap-gpp-tollkit.org www.iclei-europe.org www.nao.org.uk/publications/nao_reports/05-06/sustainable_procurement_summary.pdf	
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Appendix 3

Policy Context

This section shows the international, national, regional and local plans and strategies that aim to reduce greenhouse gas emissions.

International Policy

Kyoto Protocol

This is an international agreement to reduce greenhouse gas emissions. The UK has committed to a 12.5% reduction by 2013.

EU Energy Performance of Buildings Directive

Due to become policy in 2008, the EPBD will require all public buildings over 1000m² to display an energy performance certificate. In addition all domestic properties will require an energy performance certificate at the time of sale.

National Policy

UK Sustainable Development Strategy

Published in March 2005 the strategy sets out the five main principles of sustainable development. It also identifies four priority areas including climate change in order to develop sustainable communities.

Our Energy Future: Energy White Paper - Creating a low Carbon Economy

This policy set out in 2003 the government's objective to cut carbon dioxide emissions by 60% by 2050 with real progress by 2020. It sets out 130 commitments including a target to generate 10% of the UK's energy needs by renewable energy technologies.

The Energy Review

Examines the UK's progress against the medium and long term 2003 Energy White Paper and considers options for further actions.

Climate Change – The UK Programme

Sets out the Governments commitments in meeting the challenge of climate change with emissions reduction programmes.

Climate Change and Sustainable Energy Act 2006

This act will make provision about the reduction of emissions of greenhouse gasses, alleviation of fuel poverty, promotion of micro generation and Building Regulations relating to greenhouse gas emissions.

Climate Change Bill (mid 2008)

The Bill will introduce a clear, credible, long-term framework for the UK to achieve its goals of reducing carbon dioxide emissions and ensure steps are taken towards adapting to the impacts of climate change.

Regional Policy

Integrated Regional Framework

Objective 7 of the Framework is to reduce the causes and impacts of climate change

Regional Spatial Strategy

The draft RSS sets out a long term strategy for the spatial development of the North East. The overall vision is to guide developments together with the Local Development Framework

Local Policy

The community strategy has adopted a vision that “We need to protect and improve the environment to ensure it continues to provide the resources we need by reducing energy consumption, encouraging renewable energy and raising awareness amongst residents.”

Easington Councils Corporate Plan

This document sets out the Council’s ambitions and priorities for the future. The Climate Change Action plan will contribute directly to the following key outcomes:

CORP 1 - Quality Services for Our People

CORP 2 - Striving for Excellence in the Workplace

CORP 3 - A Sustainable Job for Everyone

CORP 4 - Decent Homes for All

CORP 6 - Better Transport Systems

CORP 8 - Building a Healthy Community

Local Development Framework

Easington District Council is currently producing a Local Development Framework to provide local guidelines in relation to land use and the built environment due to be published in 2008.

Appendix 4: Are you doing your bit?

Easington District Council is working in partnership with the Energy Saving Trust to encourage local residents to save energy in their homes. We produce a wide range of advice leaflets to show residents how they can take steps to reduce their carbon footprint, save energy and reduce their heating bills.

If you would like to receive free copies of our advice leaflets simply contact Easington Council on 0191 5270 501 and ask for an advice leaflet.

Appendix 5: Baseline for CO₂ Emissions

Overall Summary

The following table shows a summary of the existing carbon dioxide emissions from all the main sectors within Easington District. The table shows that as expected the domestic housing sector produces the greatest amount of CO₂ emissions, followed by the industrial and commercial sectors with mains gas is the largest source of delivered energy and carbon emissions. Electricity is a close second due to its higher carbon emissions.

Table 1: CO₂ Emissions for the Main Sectors in Tonnes

Fuel Type	Domestic	Industry & Commercial (excl public)	Public	Road Transport	Total
Electricity	64,350	130,400	10,050	-	204,800
Gas	129,600	70,400	9,700	-	209,700
Heating Oil	700	6,700	1,600	-	9,000
Coal	102,600	2,000	50	-	104,650
LPG	-	850	-	-	850
Road Transport: Petrol	-	-	-	83,901	83,901
Road Transport: Diesel	-	-	-	79,400	78,712
Council Fleet				199	199
EDH Fleet				489	489
Council/EDH Staff				191	191
Total	297,250	210,350	21,400	163,500	692,492

Appendix 6 Consultation Exercise

The following table gives a brief summary of the responses received. It should be noted that 55% of those surveyed were willing to reduce their greenhouse gas emissions but needed to be shown how to take these actions.

Item	Responses Received from General Public
1	94% of public responses considered climate change was a real threat locally and nationally
2	3% did not consider climate change currently to be a threat, but would be for future generations
3	97% considered local actions are required now to combat the effects of climate change
4	55% were willing to make small lifestyle changes to reduce greenhouse gas emissions if they were shown how to do this
5	Question: <i>Who should take action to reduce the effects of climate change?</i> 95% stated general public; 90% stated District of Easington; 65% stated national Government; 35% stated business sectors
6	Question: <i>What actions should be taken to reduce the effects of climate change?</i> 91% suggested providing help and advice to the general public on how to save energy; 55% stated basic climate change education for school children; 45% suggested support for local businesses

Appendix 7: Climate Change Performance Indicators

As from April 2008 in line with the Local Government White Paper the existing suite of 1200no Best Value Performance Indicators will be replaced with a single set of 98no National Indicators in the new Performance Framework for Local Authorities. The Local Area Agreement (LAA) for County Durham has made a commitment to include within the LAA the new National Performance Indicators for Climate Change NI 186 and NI 188. These indicators have therefore been included within the suite of indicators shown below and will be reported as part of the Housing Service Plan.

New National Performance Framework for Local Authorities	
NI 185 Carbon dioxide emissions from Local Authority operations	Measure progress to reduce emissions from LA operations and encourage them to demonstrate leadership
NI 186 Per Capita Carbon Dioxide Emissions in the LA area	Annual percentage reduction of carbon dioxide emissions in the Local Authority area
NI 187 Tackling Fuel Poverty	Progress measured using SAP figures for domestic properties
NI 188 Adapting to Climate Change	Measure progress on managing climate change risks and opportunities for strategic planning
Home Energy Conservation Act (1996)	Annual reductions in domestic energy

Annual report to DEFRA	consumption and carbon dioxide emissions
Local Performance Indicators	
Reduce district wide domestic housing carbon dioxide emissions	Target 2% reduction per annum
Local Performance Indicator – Average SAP rating of local authority-owned dwellings	Target 2 SAP point increase per annum
Local Performance Indicator - Average SAP rating of private sector dwellings	Target 1 SAP point increase per annum
Local PI – Total number of home insulation grants claimed by private sector housing	Target 600 grants claimed per annum
Local PI – % reduction of energy consumption in public buildings	Target 2% reduction per annum

Appendix 8

Table of Resources (assumes continued funding from District of Easington)

Description	Funding Allocations £ millions				
	2008/09	2009/10	2010/11	2011/12	2012/13
DOE Council Housing Insulation Programme	£0.1	£0.1	£0.1	£0.1	£0.1
DOE Private Housing Insulation Programme	£0.1	£0.1	£0.1	£0.1	£0.1
Energy Efficiency Commitment (National)	£115	n/a	n/a	n/a	n/a
Carbon Emission Reduction Target (National)	n/a	£500	£500	£500	£500
Warm Front Scheme (Central Government)	£266	£266	£266	£266	£266
Totals	£381.2	£766.2	£766.2	£766.2	£766.2

ENDS