



County Durham  
Environment Partnership

# County Durham Climate Change Strategy

**July 2015**

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‘Our actions over the coming decades could create risks of major disruption to economic and social activity, later in this century on a scale similar to those associated with the Great Wars and the economic depression of the first half of the twentieth century’

*HM Treasury (2006), The Stern Review: The Economics of Climate Change, Cambridge University Press*

# **1. Foreword (to be written by CCSG Chair and portfolio holder)**

Tara Duncan  
Chair of the County Durham Climate Change Steering Group

A handwritten signature in black ink that reads "B Stephens". The signature is written in a cursive style with a large, stylized initial 'B'.

Councillor Brian Stephens  
Portfolio Holder for Neighbourhoods and Local Partnerships

## **Background**

Climate change and sustainability are central themes in our ambition to create a better, more vibrant economy and society for County Durham.

The climatic system is extremely complex, however there is undisputable evidence and overwhelming scientific consensus that the climate is changing and that the main cause can be attributed to human activity. Even discounting the climate change argument, the strategy is still about effective and efficient use of non-renewable and unsustainable resources, including energy and materials.

These challenges also come at a time when the economy is facing severe constraints, therefore we must ensure any investments have a real long lasting benefit to the residents and businesses of the County. The Council and County Durham Partnership have signed up to extremely challenging targets to reduce emissions, not just from Council services but from across the County as a whole.

The aim of this strategy is to create an overarching vision and high level objectives which set out where we want County Durham to be by 2020. The publication of this strategy is only the beginning. The Sustainable Energy Action Plan and our Climate Change Delivery Plan will detail how we will deliver on our vision.

Climate change is one of the most important issues we must address. How we and our partners deliver on these challenges will impact upon our economic competitiveness. By creating sustainable communities that are resilient to climate impacts will help to attract businesses and jobs to the County. We still have a long way to go, but through continued partnership working, between communities, business and the public sector we want County Durham to become a thriving, resilient and engaged low carbon community.

## **2. How to Use the Strategy**

Realising that tackling issues such as climate change requires actions from organisations outside the Council, the County Durham Partnership was set up to bring together the key strategic organisations from around the County and co-ordinate actions to deal with priority cross cutting issues. Its Sustainable Community Strategy highlights climate change as one of its main areas of work and has commissioned this Climate Change Steering Group to direct work in this area.

The Climate Change Strategy sets out the clear vision and objectives of the County Durham Partnership that will take us to a low carbon County and help us to meet the challenges posed by changes to the climate. It provides the vital link between the Sustainable Community Strategy and the Climate Change Delivery Plan. The strategy sets out seven key themes which we consider to be essential in creating a low carbon and resilient County. Each key theme has a vision and a series of high-level commitments that will form the basis of the Delivery Plan. The development of this strategy will also provide a framework to ensure future strategies and action plans by the Council and its partners embed climate change and sustainability actions throughout.

### **Delivery Plan**

The County Durham Climate Change Delivery Plan contains actions based around each thematic area, in order to deliver the key commitments outlined within the strategy. The Delivery Plan will be updated regularly and will include short and medium term actions, with existing plans and strategies feeding into it. These actions will be monitored and reviewed by the Climate Change Steering Group and then reported to the Altogether Greener Partnership and the Overview and Scrutiny Committee in the Council.

### **Climate Change Steering Group**

The Climate Change Steering Group is made up of representative from the public, private and community sectors. It will bring together a range of experts from across the County and coordinate Partnership work on a variety of climate change actions.

### **Audience**

Whilst the strategy has been developed by the Climate Change Steering Group on behalf of the Environment Partnership, the targets cannot be achieved in isolation. Only by working in cooperation with local communities, businesses and other statutory organisations can we ensure that emissions are reduced and we are resilient to the effects of a changing climate.

### 3. Policy Drivers

The Sustainable Community Strategy (SCS) is the overarching plan for County Durham. It informs all other strategies developed by the Council and its partners. The SCS has the following ‘Altogether Greener’ objectives:

- Deliver a cleaner, more attractive and sustainable environment
- Maximise the value and benefits of Durham’s natural environment
- Reduce carbon emissions and adapt to the impact of climate change
- Promote sustainable design and protect Durham’s heritage

Within the climate change objective there are the following priorities:

- To support communities to deal with the increased frequency of extreme weather events, e.g. flooding, by changing how they think and encouraging them to act now. We will undertake a co-ordinated approach to increase environmental awareness and encourage householders and businesses to reduce energy consumption and limit CO<sub>2</sub> emissions as well as adapt to climate change.
- To address and reduce incidences of ‘fuel poverty’ by increasing the take-up of households energy efficiency improvements through the ‘Warm Up North Scheme’ without up-front cost as these are paid back via energy bill savings as part of the government’s green deal scheme.
- To facilitate a programme of energy efficiency in our business community buildings and schools to reduce energy costs, cut carbon and increase comfort.

In 2010, the Council and the Altogether Greener Partnership agreed a target to reduce CO<sub>2</sub> emissions across County Durham by 40% by 2020 (based upon 1990 levels). This includes emissions from the domestic, business, commercial and transport sectors. This is a challenging target, as it is above the Government target set in the Climate Change Act which sought a 34% improvement. Nonetheless, we feel it is important for the County to aim for such an ambitious target and are confident it is achievable considering our expertise and resources.

The Council is a signatory of the EU Covenant of Mayors; and as such, there is a requirement on the Council to reduce emissions by at least 22% (based upon 2005 data). Attaining these targets will provide economic opportunities, reduce health inequalities and create sustainable communities.

Looking further ahead, we will move towards a 55% reduction by 2031 and aim to meet the national 80% target by 2050 (both from 1990 levels).

At the national level, the Carbon Plan: Delivering our Low Carbon Future sets out policy towards 2050 with milestones and direction of travel in key sectors. It seeks to guide the transition to a low carbon economy and decouple economic activity from carbon emissions.

## 3.1 The County Durham Plan

Whilst the saved policies of the existing Local Plans currently provide the decision making framework for the purposes of planning application decision making, the emerging County Durham Plan will provide a consistent countywide approach to deliver the ambitions of the County. The emerging plan seeks to quantify the development that the County will require by 2030 in terms of housing, employment land, retail, infrastructure and services. The County Durham Plan encourages sustainable development as a means of growing the county's economy, supporting the wellbeing of communities across the County, and protecting and enhancing the environment. The County Durham Plan can make a major contribution mitigating and adapting to climate change by shaping new and existing developments in ways that reduce carbon emissions and positively build community resilience to problems such as extreme heat or flood risk.

It can address the causes and effects of climate change by:

- focusing employment and housing growth together, in key locations, thus reducing the need to travel
- ensuring new development facilitates access on public transport, cycle and foot
- requiring new and refurbished buildings to minimise carbon emissions in construction and use and maximise the benefits of sustainable design.
- supporting the transition to a low carbon economy by encouraging and enabling the use of low and zero carbon technologies and transport.
- protecting the natural and green environment, enabling it to help mitigate the impacts of climate change
- encouraging the efficient, effective and environmentally sensitive use of the County's natural resources particularly energy, water, soils, minerals and waste.
- establishing policies for managing renewable energy, providing certainty to developers
- promoting sustainable drainage systems in new developments helping the County adapt to the impacts of climate change and extreme weather conditions.
- Ensuring that new development is located away from areas of flood risk and encouraging appropriate building design.

These aspirations are in line with the National Planning Policy Framework (NPPF) and associated Planning Practice Guidance (PPG). The environmental role of these documents seeks to contribute to protecting and enhancing our natural, built and historic environment; and, as part of this, helping to improve biodiversity, use natural resources prudently, minimise waste and pollution, and mitigate and adapt to climate change including moving to a low carbon economy.

## 4. The Issues

Climate Change is likely to be one of the most challenging issues for the next 10 years and beyond. Although it is an issue which will have significant global consequences, there will still be considerable impacts for County Durham that we will need to be prepared to address. In 2010, Climate North East commissioned studies into the economics of climate change, which revealed that failing to adapt and to build resilience will obstruct the ability to realise the economic opportunities from both mitigation and adaptation.

The studies revealed that the total Expected Annual Damages of climate change impacts without adaptation for significant impacts (e.g. heatwaves or flooding) by 2050 will be approximately £600m per annum for the North East. Furthermore, the adaptation costs are estimated at around £80-100 million per annum (by 2050), giving a cost benefit ratio of 7 to 1 in favour of adaptation.

Long-term climate changes mean that by the 2050's:<sup>1</sup>

- Rainfall patterns will change with increases of up to 21% in Winter and reductions of up to 37% in Summer, with an overall reduction of 10%;
- Average seasonal temperatures will increase, with extreme hot temperatures increasing by around 3°C and heatwaves likely to occur more often;
- There will be a reduction in the number of frost days and a major reduction in winter snowfall of around 45% to 83%; and
- Average sea levels will rise by around 0.3m with an increase in sea surge levels of a further 0.3m.

Based upon such evidence, the long-term impacts and issues for County Durham are likely to include:

Higher risk of disruption due to weather events	Soil subsidence	Increase in insurance costs
Increase in air conditioning costs	Higher risk of skin cancer	Loss of native plant and animal species
Increased risk of grassland and forest fires	Higher levels of road maintenance	Higher risk of Summer excess deaths

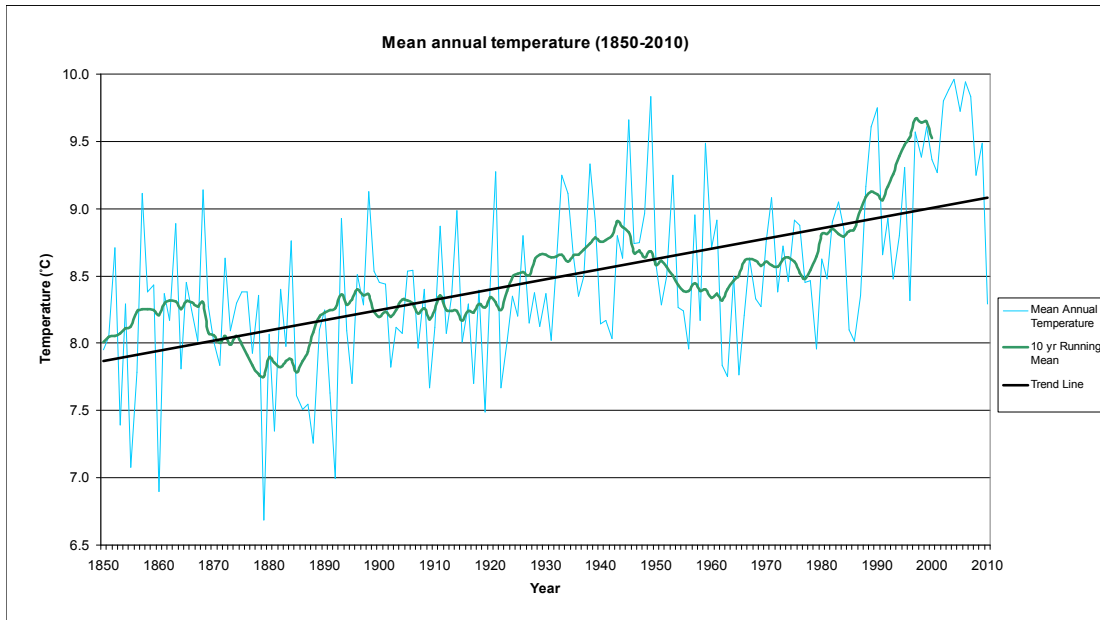
County Durham must also be in a position to take advantage of the opportunities that climate change may bring. Such opportunities, if managed carefully, can bring about long-term benefits:

Business relocation, due to excellence in building performance and water scarcity issues elsewhere	Increased potential for tourism	Reduced Winter deaths because of milder winters
Greater potential for outdoor lifestyles		

<sup>1</sup> Climate Change Action Plan for the North East



The annual temperature changes in County Durham have recently been assessed through the examination and analysis of historical data supplied by Durham University<sup>2</sup>. The following graph demonstrates how temperatures have changed in Durham City from 1850 to 2010. Mean annual temperatures have increased from 8.0°C in 1850 to 9.5°C in 2009 (with a steep drop to 8.3°C in 2010 due to the exceptionally cold Winter in this year). This matches national trends showing that warming is occurring.



<sup>2</sup> A report to investigate historical climate change in County Durham and explore future implications for climate change adaptation in the region (2011) – Andrew Telford, Durham University Student

## 5. 2020 Vision

“By 2020 County Durham will be a thriving, resilient and engaged low carbon community”.

### Headline Objectives-

Reducing our Emissions
County Durham will reduce CO <sub>2</sub> emissions by 40% by 2020 from 1990 levels, ensuring year on year reductions.
We will reduce the demand for energy, ensure homes and businesses are energy efficient and will promote alternative low carbon forms of energy generation.

Adapting to a Changing Climate
County Durham will be a highly resilient place to live.
We will build upon the County Council's Adaptation Action Plan and ensure that individuals and organisations are more prepared for the challenges of a more extreme environment.

Over time the strategy will evolve and we will look to revise the objectives as we progress. The interim carbon target will be to reduce CO<sub>2</sub> by 55% by 2031, before matching the UK target of an 80% cut by 2050.

## 6. Key Themes

In order to achieve our vision and Objectives the Climate Change Strategy has been divided into seven themes. These themes are to help explain the areas where work will be focussed and as there are considerable cross-overs between themes, they should not be viewed in isolation.

## **Public Sector Performance**

### **Vision:**

County Durham will have a strong and flexible public sector, working together to ensure emissions are reduced on an annual basis, and resilience is embedded into services.

### **Issues:**

At a time when the economy is fragile, Durham County Council, health delivery organisations, Durham University, and all partners must provide leadership. Reducing demand and energy consumption, whilst investing in new low carbon forms of energy will not only save money and potentially jobs, it will also help to stimulate growth in the low carbon economy and prove to residents that the public sector can work together in an integrated way for the benefit of communities.

The public sector must also show leadership by ensuring that procurement is sustainable, in that local and registered products and services are recommended wherever practical and that these are embedded into contracts, that waste is dealt with in the most sustainable way and that recycling levels are maintained and improved upon.

### **Outcomes:**

Durham is a county where partners work together to reduce environmental impact and eliminate waste. Sustainability is recognised as an overarching ethos which pulls together all the three strands of environmental protection, social inclusivity and economic regeneration.

### **We will:**

- Continue to set and achieve CO<sub>2</sub> reduction targets for public sector partners activities and report on our performance annually.
- Ensure that corporate strategies take account of climate change and how it will impact on service delivery
- Mainstream sustainable procurement into public sector purchasing activities, minimise wastage, and promote sustainable options across the public sector supply chain.
- Reduce the amount of waste going to landfill and increase the amount being recycled
- Reduce water consumption across the public sector estate.
- Encourage waste reduction and reuse initiatives, both domestically and commercially.

## **Low Carbon Economy**

### **Vision:**

County Durham will be known for its thriving low carbon economy, and helping to encourage innovation, new products and services. It will be a leading location for green business growth capitalising on the key strengths of the area.

### **Issues**

Unpredictability of energy supply and prices can create challenges and uncertainty for the economy. This will impact upon all sections of society but especially energy intensive users which will be penalised for their consumption and bear the brunt of low carbon taxation. These users may leave the UK, thereby reducing CO<sub>2</sub> emissions but conversely increasing the importation of embedded carbon through imported goods. This could in turn lead to a loss of jobs as an unintended consequence following the migration of energy intensive industries.

Rural communities currently have less choice or access to lower cost utilities and infrastructure, making many people in such areas fuel poor. Industry and consumers often lack awareness of microgeneration technologies and the benefits of energy efficient products and innovative ways of working. Bringing such technologies within reach of all residents is a key issue that needs to be addressed.

Access to low cost capital to embed innovation, research and development and implement efficiency measures and micro-generation must be a key driver. The lack of public programmes to accelerate infrastructure development for new and emerging sectors may also be an issue in the future.

There are also a plethora of opportunities for all sectors should they take up the challenge. The future proofing of businesses, through energy efficiency, innovative technologies and processes will help give County Durham businesses a competitive edge.

We will aim to lead the way on technology innovation with the Council, the colleges, the University and businesses collaborating on low carbon infrastructure, supply chain development, whilst helping to safeguard local expertise, jobs and apprenticeships in emerging sectors.

### **Outcomes:**

County Durham will have numerous green jobs and be an expanding centre of excellence for training and enterprise, ensuring that by 2020 sustainability is embedded within business.

Efficiency and energy reduction will be core activities within all businesses. Business will be more efficient and will regularly carry out energy efficiency checks.

Technology Innovation Centres including Durham University and the region's HE and FE institutions will continue to be at the forefront of research and development in low carbon technologies, and working with the County's businesses to support the sector.

Over 26% of the County's electricity consumption will be made up from low carbon and renewable energy sources with 6% of the County's heat being generated by low carbon/renewable sources.

**We will:**

- Work to help decarbonise the electricity grid, through appropriate positive renewable energy planning.
- Help ensure that future development is appropriately located to services and facilities and as such avoids unnecessary emissions associated with travel.
- Work with small and medium sized enterprises (and landlords) to help reduce core costs through the promotion and installation of energy efficiency products and advice.
- Work with small and medium sized enterprises (and landlords) to help ensure businesses are fully adapted to impacts of more extreme weather.
- Work with employers to encourage graduates to remain within the County in new and emerging sectors.
- Link in to regional climate change schemes, ensuring we have a co-ordinated approach throughout the region.
- Ensure we maximise the use of European funding to achieve our ambitions.
- Investigate and promote, where applicable the use of external incentives in order to encourage and grow green businesses.
- Promote green tourism and local sustainable food.
- Promote micro generation schemes across the County aiding individuals, community groups and businesses to access capital through the Green Deal and alternative sources.
- Develop our first district heating scheme.

## **Built Environment**

### **Vision:**

County Durham will have a strong and resilient built environment, with high quality, innovative and above all, sustainable development adding to the vibrancy of towns and villages.

### **Issues:**

Effective planning is one of the key elements required to mitigate and adapt to the challenges of climate change. Energy efficiency, low carbon and renewable energy policies will need to play a very significant role in achieving sustainable development, much of which will be addressed through the County Durham Plan.

The biggest challenge for County Durham is in ensuring current homes, businesses and public buildings are as energy efficient as possible. Increased resilience to the impacts of climate change must also be planned and implemented in those most vulnerable places and communities. Failure or reluctance to mitigate and adapt the built environment to impacts could result in the County being disadvantaged.

The density, layout and mix of the built environment can have a significant effect upon many other issues such as transport, health, and community development.

Fuel Poverty remains an issue for many households in poorly-insulated houses or those with less efficient heating systems.

### **Outcomes:**

New and refurbished buildings across Durham will be as energy efficient as possible in both construction and use, helping to provide warmer homes, eradicate fuel poverty, and reduce cold related illness.

Facilitated by planning policies, a greater proportion of the County's energy needs will be met from appropriate renewable sources. The towns, villages and the City of Durham will be resilient to the impacts of climate change.

The design of the built environment will help reduce the need to travel, and the relative attractiveness of the private car will be minimised by improving the accessibility of facilities and services.

### **We will:**

- Encourage energy efficiency in new and refurbished buildings
- Improve the energy efficiency of Durham County Council's own buildings
- Support better energy efficiency in existing private properties
- Ensure new buildings are resilient to the impacts of climate change
- Mitigate flood risk, drought and extremes of temperature in the urban environment
- Support the development of renewable energy in appropriate locations

- Improve the accessibility of facilities and services
- Support transport by modes other than the private car

## **Natural Environment**

### **Vision:**

County Durham will have a comprehensive and sustainable network of multi-functional green spaces and corridors throughout the County that, whilst being accessible to the public, connect and enhance bio-diverse habitats, enhance the quality of place and serve to ensure the County is more resilient to extremes of weather.

### **Issues:**

The natural environment in every aspect is fundamental for life. The protection and enhancement of these systems is essential as they provide places to relax and enjoy; places that are safe transport corridors for walkers and cyclists; and places that provide our food. They are also places that provide habitats for a diverse range of species; places that help to mitigate issues such as flooding or provide shade and shelter during periods of high temperatures and they even help to mitigate climate change by providing areas that store carbon (such as peatland habitats). The system must, however be maintained and expanded upon to ensure such areas are resilient to climate impacts, such as flooding, heatwaves and increased risk of invasive species and disease.

### **Outcomes:**

By 2020 the County will have an interconnected green infrastructure network, linking habitats and providing space for residents to relax and enjoy. It will be adaptable and resilient to likely impacts, and will play an important role in an integrated approach to mitigating and adapting to climate change.

### **We will:**

- Work with neighbouring authorities and groups to create interconnected habitats and ecosystems.
- Protect and enhance green spaces maximising multi-functionality and connectivity of habitat networks and improve or enlarge existing areas.
- Work to reduce the negative impacts of developments on the natural environment.
- Prioritise the creation of appropriate new habitats in Green Infrastructure projects and other new developments.
- Aim to ensure the Biodiversity Action Plan (BAP) and Biodiversity 2020 aims and objectives are met.
- Support the implementation of Sustainable Drainage Systems (SuDS), particularly in connection with new built development.
- Utilise the advantages of the natural environment to improve our resilience to the impacts of climate change.
- Encourage developers to contribute towards the enhancement of environmental infrastructure enabling development schemes to adapt to climate change.
- Assisting habitats/species to adapt to climate change by:

- Ensuring that actions taken across the County do not restrict species/habitat movement in response to climate change.
- Understand and implement the most effective adaptation measures for County Durham's habitats and species.
- Protect, conserve and enhance designated areas and all other high quality habitats.
- Work with partners to increase carbon sequestration by developing additional carbon sinks and protecting and restoring existing areas.
- Support work on the Water Framework Directive and encourage water conservation measures Countywide.
- Ensure that any forthcoming biodiversity mitigation proposals improve appropriate habitats local to the development.
- Deliver landscape scale projects to deal with issues on a broad scale.
- Work with the Local Nature Partnerships and the Coastal, Heritage and Landscape Partnership to deliver projects of mutual benefit



## **Transport and Infrastructure**

### **Vision:**

County Durham will aim to reduce CO<sub>2</sub> emissions from transport, through the promotion of travel choices and alternatives to private car travel, ultra low carbon vehicles, walking, cycling and more integrated travel planning.

### **Issues:**

Currently 23% of all emissions come from the transport sector and reducing this, whilst ensuring economic growth, will be a significant challenge. The County's dispersed settlement pattern means that the majority of its residents do not live, work, shop or spend recreational time all in one place. Commuting to work and school make up a large proportion of all traffic, particularly during morning and evening peak times. New development should be located in areas to give people more choice around using sustainable forms of transport on a daily basis. Accessibility is a major challenge for the Local Transport Planning process as people need to have the opportunity to make realistic travel choices that allows access to employment, education, shopping, health and all other necessities of daily living.

While we have to be realistic, we also have to be ambitious. Modal shift is a major goal of the emerging transport policy in the County. Active Travel in particular, provides a major opportunity in the County to reduce reliance on the private car. The County has set out its ambitions for cycling in the County Durham Cycling Strategy and Action Plan 2012-2015 and these ambitions will be incorporated into the emerging North East Transport Plan. Cycling Super Routes that connect 12 major towns are prioritised for investment, and will facilitate modal shift for commuters.

With regard to public transport, the Council are actively seeking to increase the attractiveness of both bus, rail and community transport options. Bus travel is by far the most used form of public transport in County and the ambition is that by working in partnership with operators, the Combined Authority and Nexus, existing services will not only be maintained but will eventually be improved. Work is also ongoing to develop more rail options with the new station at Horden (Peterlee) and the re-opening of the Leamside Line, which will increase passenger and freight services from the County into Tyne and Wear.

Emerging policy in North East Transport Plan and in the County Durham Plan is consistent with the national planning policy framework by recognising that transport solutions will vary from urban to rural areas. Because of the rural nature of the County, local policy promotes solutions such as alternative fuel vehicles and car sharing by requesting car sharing bays and electric charging points in car parks with justification for this in the Parking and Accessibility Guidelines which states that cars are often the only practical choice for residents in some part of the county.

## **Outcomes:**

By 2020 the County, as a result of the goals, objectives and actions taken from the North East Local Transport Plan and the County Durham Transport Delivery Plan, will be beginning to see improvements in emissions from transport, especially in Durham City. There will be an increased number of cycle ways and footways, and the associated infrastructure will be in a condition that meets the challenges from the extremes of weather.

## **We will:**

- Aim to reduce dependence on the private car, especially for short journeys.
- Promote alternative travel choices, flexible working arrangements, car sharing and active travel as an alternative to driving.
- Improve the existing transport infrastructure in order to reduce journey times and therefore CO<sub>2</sub> emissions.
- Aim to reduce emissions from public sector fleet vehicles through attitude change, driving techniques and purchase of low carbon vehicles and car club vehicles.
- Work with public transport operators to use more fuel efficient vehicles and, where possible, improve services and make them more accessible at the right times.
- Work with rail operators to improve access to the local rail network, especially in East Durham.
- Aim to reduce energy use associated with street lighting.
- Working with partners to make transport information more accessible.
- Ensure electric car charging points are rolled out across the County.
- Reduce the impact of travel on air quality.
- Ensure high speed broadband is delivered across the County.
- Ensure infrastructure is resilient to climate change.
- Support the provision of community transport services.
- Investigate the feasibility of speed reduction in appropriate areas.
- Invest in the improvement of existing rights of way and create new and attractive routes.

## **Community Engagement**

### **Vision:**

County Durham is a highly engaged and proactive area, with the Council and its partners delivering upon priority actions.

### **Issues:**

Whilst many of the commitments in this strategy relate to public sector led objectives, engagement with communities is integral to the successful delivery of a low carbon future. We need to encourage behavioural change that will protect and enhance the environment and quality of life in County Durham and work to embed this across communities.

Effectively communicating climate change requires careful understanding of people's motivations and barriers as well as thoughtful planning. We need to understand what drives people to make changes in their lives.

**Outcomes:**

By 2020 County Durham residents will be well informed of the issues around climate change and whilst we appreciate there may not be universal agreement over the causes of climate change we hope to have an acknowledgment of the need to reduce emissions, adapt to climate changes and appreciate the potential benefits to themselves and the wider County.

**We Will:**

- Highlight the benefits to residents of all ages of engaging in inclusive learning about climate change and taking practical action.
- Develop practical community led carbon reduction initiatives.
- Provide leadership whilst working with AAP's and voluntary groups to take the challenge forward.
- Enable access to funding streams in order to deliver on community priorities that contribute to tackling climate change.
- Identify and pro-actively engage with more vulnerable groups on both adaptation and mitigation measures.
- Work to ensure that major climate change schemes are delivered in a fair and equitable way and not just for a limited proportion of the residents of Durham.
- Work with community groups across Durham to increase the number of community owned renewable energy schemes

## **Impacts Beyond our Boundaries**

### **Vision:**

Residents of County Durham are aware of the impacts that are faced by communities outside of the County. We will endeavour to ensure that climate related impacts are not increased as a result of County Durham operations.

### **Issues:**

The actions of the residents, business and the public sector in Durham will have impacts upon areas and communities outside of County Durham. These impacts can be positive or negative and are based on complicated relationships across the globe. From issues such as promoting local produce and how this impacts upon developing nations, the impacts of our actions can have far reaching and potentially unforeseen consequences.

Exactly how we balance the use of local products and materials with support for communities in developing nations, through Fair Trade programmes has been the subject of much debate. We must therefore ensure we have a fair and equitable policy, promoting the use of local sustainable materials and produce, whilst also promoting 'Fair Trade' and equivalent sustainable products, when items cannot be purchased locally.

Local food and produce must be supported as this aids the local economy, social cohesion and is generally less carbon intensive than importing goods and services.

Many of the issues concerning climate change are beyond the scope of a single authority or Partnership and will require co-operation to resolve.

Some aspects of conventional climate change reporting do not include the whole range of impacts. Concentrating on just the 'in-use' emissions rather than how much energy/CO<sub>2</sub> is used in its manufacture could ignore a significant contributor to climate change.

### **Outcomes**

We will aim to have a collective approach to climate change issues with a broader understanding of the impacts and opportunities. When products are not available locally, Fair Trade and associated sustainability classifications should be a standard requirement for purchases.

### **We Will**

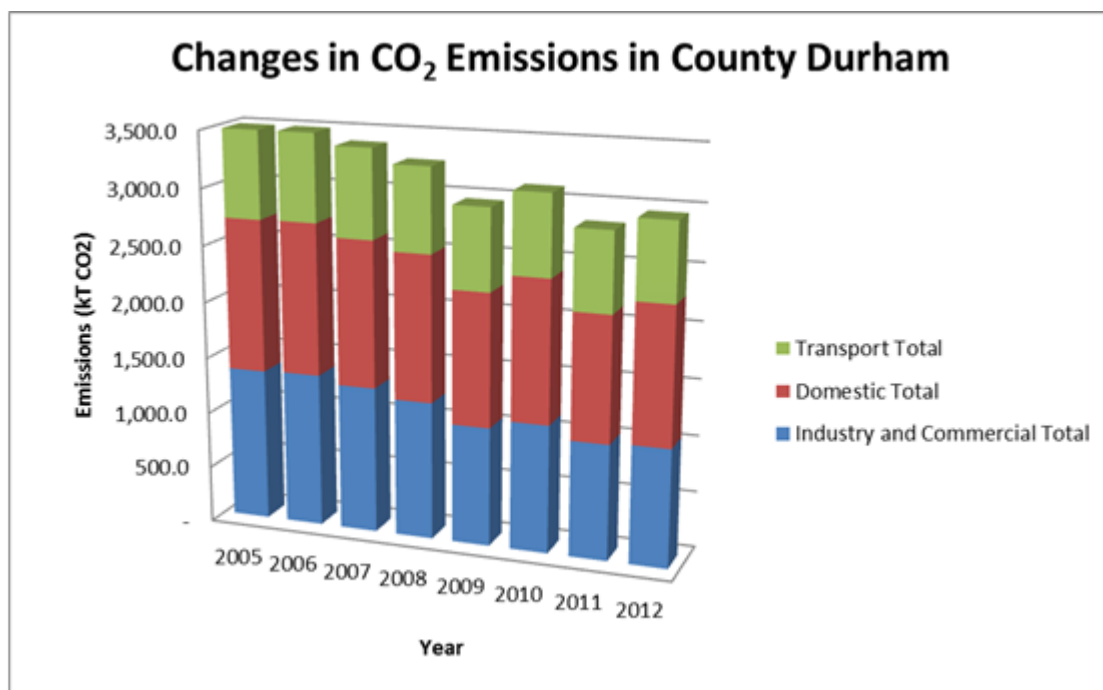
- Be aware of and consider the impacts of our decisions beyond the County boundary.
- Work with neighbouring authorities on regional and sub-regional projects.
- Incorporate indirect carbon emissions into our work where practicable.
- Promote Fair Trade and other sustainability classification where products cannot be purchased locally.
- Work across Europe developing international programmes that share best practice.

- Respond positively to requests to share information and expertise to communities outside of County Durham and indeed outside of the UK.

## 7. Indicators

Key performance indicators are centred around reducing emissions and adapting to climate change. There are also a number of associated indicators that give a broader indication of the work in this area. These are detailed in the Climate Change Delivery Plan.

The current position regarding carbon emissions in Durham is summarised in the following graph:



## 8. Conclusion

The vision and objectives within the strategy are intended to benefit our local environment and the people that live and work in it. In publishing this document, we aim to set the standard for future action to alleviate the effects of climate change, to raise awareness among local people about the issues at stake, ensure sustainable development and work in partnership with the local community to develop a more sustainable future for the County.

Partnership working is an integral element that runs through the Strategy, such is the importance that we place upon it. The Area Action Partnerships as well as the Town and Parish Councils are key partners in delivery of this strategy at a community level.

To realise the vision, the document and its aspirations will need to be embedded in documents and partnerships beyond those immediately engaged with climate change issues. Engaging with people, partnerships, and organisations of all shapes and sizes will enable key elements of the document to be delivered.

The Climate Change Steering Group, which is independent and has a strategic focus, will monitor and challenge the Council and other key Partners on its delivery of the strategy, as will Members through Overview and Scrutiny Committee.