



# YoHr SPACE CLIMATE CHANGE PROGRAMME REPORT

JUNE 2011





## Introduction

Local authority Leaders and Chief Executives recognised the critical importance of managing the risks and opportunities associated with climate change in Yorkshire and Humber and agreed a programme of work that commenced in February 2009. This report sets out the overall programme aims, objectives and outcomes for the YoHr Space Climate Change Programme. It contains details on each project and how to get in touch with the people that led the work as well as where to find the exhaustive range of tools and resources that have been developed. Finally this report sets out an exciting legacy to YoHr Space with the development of the Climate Change Skills Fund that will provide comprehensive training and support to community groups, elected members, officers and stakeholders on the crucial role of planning and the built environment in reducing our carbon emissions and adapting to a changing climate.

### Programme Aims

The YoHr Space Climate Change Programme aims to:

- Meet the needs of local areas to support delivery of programmes and services which address climate change and prepare for its impacts. In particular, this will involve helping local authorities to work with their partners to meet these challenges and deliver local targets and wider objectives in a sustainable manner.
- Support local authorities to deliver their key actions from the Climate Change Plan for Yorkshire & Humber by building on individual local authority and partner actions to deliver a greater outcome through joint working.

### Programme Outcomes

The following outcomes have been developed to ensure joint delivery of key climate change performance measures:

- Highly visible political and senior management leadership on climate change across the region.
- Significant reduction in energy use and carbon emissions from the schools' estate.
- Duplication of effort eliminated with local authorities naturally seeking collaboration on common climate change issues.
- A strong and supportive network of local authorities helping each other to reduce carbon emissions locally.
- Robust measures in place to reduce the impact of a changing climate, particularly flood risk.

### Project Areas

1. Leadership on climate change
2. Taking forward climate change activity in schools
3. Engaging the voluntary sector and businesses on combating climate change
4. Understanding local areas adaptive action on climate change
5. Carbon management

# 1. Leadership

Having strong political and managerial leadership within local authorities is pre-requisite for ensuring action to tackle the cause and effects of climate change is integrated throughout council business. Building on the successful West Yorkshire Leadership Academy each sub-region undertook a targeted programme of engagement with senior elected members, officers and strategic partners that has led to lasting commitments to work together to develop action plans.

<b>Project 3001</b>	<b>Carbon Reduction Conference for Schools</b>	
Lead partner	Association of West Yorkshire Authorities	
Contact details	clare.elliott@leeds.gov.uk	0113 3952264
Description	This project consisted of the delivery of a Carbon Reduction Conference for head teachers and bursars from primary and secondary schools in West Yorkshire. The conference featured a number of key speakers, facilitated workshops and networking opportunities to support schools to reduce their carbon emissions. A final conference report was published and disseminated across the region.	
Products	<ul style="list-style-type: none"> <li>• Carbon Reduction Conference.</li> <li>• Conference Report.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ 182 delegates from across West Yorkshire were engaged.</li> <li>✓ Stronger relationships between schools and local authorities.</li> <li>✓ Leading schools shared best practice with others.</li> <li>✓ Commitment to progress on Carbon Reduction Commitment.</li> </ul>	

<b>Project 3003</b>	<b>North Yorkshire Climate Change Leadership Programme</b>	
Lead partner	Harrogate Borough Council	
Contact details	jane.money@harrogate.gov.uk	01423 556801
Description	This project was aimed at building capacity and achieving greater collaboration in order to improve the response to the current and future implications of climate change as effectively and efficiently as possible. Councillors, senior officers and stakeholders from the nine North Yorkshire local authority areas took part in four sessions that gave them the opportunity to hear the experience from national and regional experts and also the other NY authorities and key partners; and also discuss the priorities and practicalities that councils, councillors and key partners face in tackling climate change.	
Products	Support network established at executive officer level. Conference papers and end report published on North Yorkshire Strategic Partnership website <a href="http://www.nysp.org.uk/cclw">www.nysp.org.uk/cclw</a> .	
Outcomes	<ul style="list-style-type: none"> <li>✓ 122 delegates in attendance over the four workshops.</li> <li>✓ Senior elected member and officer buy-in on practical actions for all.</li> <li>✓ Improved knowledge and efficiency through sharing of best practice.</li> <li>✓ Facilitated learning from regional adaptation study.</li> </ul>	

<b>Project 3005</b>	<b>South Yorkshire Climate Change Leadership Programme</b>	
Lead partner	Rotherham Metropolitan Borough Council	
Contact details	david.rhodes@rotherham.gov.uk	01709 254017
Description	<p>To increase awareness of and commitment to addressing climate change across South Yorkshire by;</p> <ul style="list-style-type: none"> <li>• Seeking Councillor, senior officer and Local Strategic Partnership buy-in across the sub-region to achieve high level practical actions that all organisations can implement.</li> <li>• Improve efficiency and performance through shared knowledge on best practice in the sub-region through a series of 4 workshops/seminars on the Climate Change National Indicators.</li> <li>• Provide a platform from which to build future collaborative activity across South Yorkshire.</li> </ul>	
Products	<ul style="list-style-type: none"> <li>• Production of a new strategy delivered at a meeting with Chief Executives.</li> <li>• A new online resource for South Yorkshire <a href="http://www.syclimateaction.org.uk">http://www.syclimateaction.org.uk</a> .</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Stronger ties between the South Yorkshire Climate Change Network officers and members.</li> <li>✓ Ground work laid for future and more formal collaborative working as a legacy to the YoHr Space funding.</li> </ul>	

<b>Project 3007</b>	<b>Humber Climate Change Leadership Programme</b>	
Lead partner	North East Lincolnshire Council	
Contact details	nathan.vear@nelincs.gov.uk	01472 324235
Description	<p>The purpose of the project was to raise awareness of climate change and secure buy-in on the business case for action, covering both the opportunities and risks. The target groups were elected members, senior council officers and the Local Strategic Partnerships' representatives in the Humber sub region, with a final 'carbon summit' taking place to agree future joint working.</p>	
Products	<ul style="list-style-type: none"> <li>• Statement of intent produced for Humber sub-region.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Improved communication between officers in each local authority.</li> <li>✓ Identification of future collaborative projects.</li> <li>✓ Stronger evidence base for local authority climate change strategies.</li> <li>✓ Volunteers have self nominated to lead collaborative sub-regional work.</li> </ul>	

## 2. Schools

The schools community was agreed as a key target group for the YoHr Space Climate Change programme both as an educational setting and as a significant part of a local authority's estate. The programme involved sharing best practice between local authorities already doing good work in the region on energy efficiency in schools and on promoting climate change messages in schools.

<b>Project 3002</b>	<b>'Green Day' Climate Change Challenge for Schools</b>	
Lead partner	Association of West Yorkshire Authorities	
Contact details	clare.elliott@leeds.gov.uk	0113 3952264
Description	<p>CABE is the government's independent advisor on architecture, urban design and public space who have developed 'Green Day' – a climate change activity kit and support programme for schools.</p> <p>Building on Leeds City Council's experience of delivering similar events the project was designed to extend the 'Green Day' support package providing an opportunity for an increased number of schools in West Yorkshire to take part.</p> <p>'Green Day' is a national event for both primary and secondary schools which focuses on climate change, sustainability and the built environment. It ran across the country from June 4th to July 3rd 2010 and was launched in West Yorkshire on Friday, June 11th.</p>	
Products	<ul style="list-style-type: none"> <li>• CABE activity toolkit.</li> <li>• 4 free half day workshops for schools.</li> <li>• Online training materials.</li> <li>• Green Day Event.</li> <li>• Green Day DVD.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ 207 schools in West Yorkshire signed up to take part with 72,200 pupils involved in the event.</li> <li>✓ 159 schools submitted 'Green Day Action Plans'.</li> <li>✓ CABE utilised the West Yorkshire Green Day Action Plans to inform their analysis of the impact of the event across the country.</li> <li>✓ Better understanding of challenges faced by schools and how to help.</li> <li>✓ In recognition of the success of the project local authorities intend to make the Green Day an annual event as a legacy to YoHr Space funding.</li> </ul>	

<b>Project 3004</b>	<b>Schools Engagement – North Yorkshire</b>	
Lead partner	Harrogate Borough Council	
Contact details	jane.money@harrogate.gov.uk	01423 556801
Description	<p>The project is aimed at ensuring a consistent approach to engaging with schools across the sub-region. A schools engagement officer worked alongside teachers and children in schools, assisting them in the delivery of a climate programme and jointly reviewing and improving the resources available.</p> <p>The project delivered a common resource pack, a series of training events for staff, head teachers and bursars and an Earth Conference for students. The project will also seek to utilise pupil power to influence parents and households.</p>	
Products	<p><i>The project is ongoing to the end of August 2011</i></p> <ul style="list-style-type: none"> <li>• Report produced from Young People’s Conference on Climate Change.</li> <li>• Low Carbon Passport developed by schools.</li> <li>• Low Carbon Lifestyle Roadshow at Boroughbridge High School - open to school and community.</li> <li>• On-line interactive web resource <a href="http://cyps.northyorks.gov.uk/index.aspx?articleid=14491">http://cyps.northyorks.gov.uk/index.aspx?articleid=14491</a></li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ 200 children from 20 schools across North Yorkshire with their teachers attended Young People’s Conference on Climate Change.</li> <li>✓ Report from conference to be submitted to 10 Downing Street.</li> </ul>	

<b>Project 3006</b>	<b>South Yorkshire Schools Climate Change Programme</b>	
Lead partner	Sheffield City Council	
Contact details	steve.byers@sheffield.gov.uk	0114 2734641
Description	<p>The project aimed to unite schools across South Yorkshire to take increased positive action to combat climate change and develop the sub-region’s approach to environmental and sustainable education by:</p> <ul style="list-style-type: none"> <li>• Empowering schools to manage their impact on the environment.</li> <li>• Establish and develop the network of environmental, sustainable and climate change education providers.</li> <li>• Promoting unified leadership and action at the most senior level.</li> <li>• Developing a new web resource linking environment and education service providers with schools and teachers.</li> </ul>	
Products	<p><i>The project is ongoing to the end of June 2011</i></p> <p>Tools and resources are hosted at <a href="http://www.syclimateaction.org.uk/projects/south-yorkshire-schools-climate-change-project-sysccp/">http://www.syclimateaction.org.uk/projects/south-yorkshire-schools-climate-change-project-sysccp/</a></p>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Eco-schools programme reaching a greater number of schools.</li> <li>✓ Specialists easily contactable by teachers to assist projects.</li> <li>✓ Pupils engaged through eco-conference programme.</li> </ul>	

### 3. Voluntary Sector and Business

We recognised that there needed to be a better understanding of the support already available to business and to enhance support to the voluntary sector that reaches out to the general public. The programme identified gaps in knowledge and provision where local authorities and business support partners could add value or signpost to relevant existing services such as Business Link.

<b>Project 3010</b>	<b>Engaging the Third Sector – South Yorkshire</b>	
Lead partner	Rotherham Metropolitan Borough Council	
Contact details	david.rhodes@rotherham.gov.uk	01709 254017
Description	The aim of the project was to produce a toolkit to engage and assist the third sector in South Yorkshire (voluntary, community and faith organisations) to improve the environmental sustainability of organisations and engage with others to inform the community how they can improve.	
Products	<ul style="list-style-type: none"> <li>• Production of environmental improvement guides focusing on energy, waste, transport and procurement.</li> <li>• On-line environmental impact calculators for energy and transport.</li> <li>• Implementation of a South Yorkshire energy monitor loan scheme.</li> <li>• Communication of examples of best practice.</li> <li>• See <a href="http://www.syclimateaction.org.uk">www.syclimateaction.org.uk</a> for resources.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Eight 3rd sector organisations currently carrying out trials with the environmental improvement guides.</li> <li>✓ Ongoing assistance and support from central third sector hubs.</li> </ul>	

<b>Project 3018</b>	<b>Engaging the Third Sector – York &amp; North Yorkshire</b>	
Lead partner	North Yorkshire County Council	
Contact details	neil.irving@northyorks.gov.uk	01609 533489
Description	<p>The project aimed to encourage and support third sector organisations in the York &amp; North Yorkshire sub-region to respond to the challenges presented by climate change by reducing their energy consumption and adapting their services in light of changing weather patterns.</p> <p>The project focused on organisations whose main priority is not in the environmental sector.</p>	
Products	<p>An online toolkit has been developed and hosted on the Friends of St Nicholas Fields website that includes:</p> <ul style="list-style-type: none"> <li>• Top websites</li> <li>• Workshop slideshow</li> <li>• Benefits of green office and greening your workforce</li> <li>• Energy and water use survey</li> <li>• Renewable energy installers directory and PV solar panel case study</li> <li>• Wanted! Climate for Change Champions</li> <li>• How we need to adapt</li> </ul> <p>Visit: <a href="http://www.stnicksfields.org.uk/sustainability-projects.php">http://www.stnicksfields.org.uk/sustainability-projects.php</a></p>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Recruited 10 potential Champions 6 of whom attended the Champions Action Learning Set workshop.</li> </ul>	

	<ul style="list-style-type: none"> <li>✓ Raised awareness of not just the workshops but the agenda within the sector across the sub-region.</li> <li>✓ Gave confidence to those attending the workshops to influence others either within their organisations or beyond to accept the arguments around climate change.</li> </ul>
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<b>Project 3012</b>	<b>Regional Green Services Research</b>	
Lead partner	Leeds City Council	
Contact details	george.munson@leeds.gov.uk	0113 3951767
Description	<p>This project, delivered in partnership with CO2 Sense, commissioned research and collated information on companies in the region that provide green business-to-business services. The research covered:</p> <ul style="list-style-type: none"> <li>• Specific green services (i.e. recycling services, energy management services, environmental consulting services, etc).</li> <li>• Standard services delivered in a green manner (i.e. logistics, catering, conferencing, IT contracting, construction, office space, etc).</li> </ul>	
Products	<p><i>The project is ongoing to the end of June 2011</i></p> <ul style="list-style-type: none"> <li>• Data collated on the types of green services provided by each company and business testimonials from a range of sectors.</li> <li>• Searchable directory of green service providers using the CO2Sense website as the platform; visit <a href="http://www.co2sense.org.uk">http://www.co2sense.org.uk</a></li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ The meaning of business-to-business green services was defined.</li> <li>✓ All green service providers in Yorkshire and Humber were identified and basic business information gathered.</li> </ul>	

<b>Project 3017</b>	<b>Environmental Business Support Capacity Building for Local Authorities</b>	
Lead partner	Harrogate Borough Council	
Contact details	jane.money@harrogate.gov.uk	01423 556801
Description	<p>It was recognised that many businesses will turn to their local authority for advice and help for environmental business support queries. This project aimed to build the capacity of LA officers through a package of training and resources. The project was delivered in partnership with CO2 Sense.</p>	
Products	<ul style="list-style-type: none"> <li>• Web portal provided that is tailor made for each local authorities' area e.g. <a href="http://www.bradford.greenerbusiness.org.uk">www.bradford.greenerbusiness.org.uk</a></li> <li>• 22 individualised Route Maps to improve the signposting of enquiries.</li> <li>• Set of resource efficiency fact cards given to all delegates.</li> <li>• Resource information fact sheets for start up and established businesses.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Enhanced officer knowledge, skills, increased confidence and competence to respond to queries on business resource efficiency.</li> <li>✓ Businesses able to achieve resource efficiency, grow and prosper, achieve cost savings, improve their image and gain competitive edge.</li> <li>✓ Regular newsletter available to subscribers.</li> </ul>	



## Adaptation

Adapting to climate change is about preparing and being resilient to the changes and impacts we anticipate to our climate. These impacts can be both positive and negative - for example the new business opportunities presented by a longer growing season or the impact on vulnerable communities from severe flooding. YoHr Space supported local authorities in two ways; firstly to help identify key impacts on services and then to help set actions to mitigate the risk or capture the opportunities.

<b>Project 3009</b>	<b>South Yorkshire Local Climate Impact Profile</b>	
Lead partner	Sheffield City Council	
Contact details	steve.byers@sheffield.gov.uk	0114 2734641
Description	The project aimed to deliver the first part of the Local Climate Impact Profiles (LCLIPs) for Doncaster, Rotherham and Barnsley using the expertise developed by Sheffield City Council from its experiences of producing the Sheffield LCLIP. The aim was to provide a uniform foundation for future sub-regional working on climate change adaptation issues.	
Products	<ul style="list-style-type: none"> <li>• Report is located at <a href="http://www.syclimateaction.org.uk/wp-content/uploads/2010/08/SY-Weather-Trends-FULL-Report.pdf">http://www.syclimateaction.org.uk/wp-content/uploads/2010/08/SY-Weather-Trends-FULL-Report.pdf</a>.</li> <li>• A number of case studies are also available at <a href="http://www.ukcip.org.uk/case-studies">http://www.ukcip.org.uk/case-studies</a></li> <li>• Toolkit developed to assist with the next stages of the LCLIP process.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Improved performance on NI 188 for Doncaster, Rotherham and Barnsley local authorities.</li> <li>✓ Doncaster's LCLIP has now been produced in final draft form and will be presented to senior management and Councillors.</li> <li>✓ Rotherham has placed a requirement to report on climate change adaptation into its service planning process.</li> <li>✓ Working relationships with officers across the 4 local authorities have been more firmly established ready for future adaptation work.</li> </ul>	

<b>Project 3011</b>	<b>North Yorkshire Local Climate Impact Profile</b>	
Lead partner	Selby District Council	
Contact details	dadamson@selby.gov.uk -Diana Adamson	01757 292191
Description	The project facilitated the process of beginning to adapt to climate change across North Yorkshire. Quantitative and qualitative information about the effects of significant weather events on council and national park services across North Yorkshire was gathered by undertaking a local impact profile media trawl of local newspapers over the last 5 years.	
Products	<ul style="list-style-type: none"> <li>• Production of individual local authority and national park LCLIP media trawls and extreme weather timelines, cataloguing all significant events in over a period of five years.</li> <li>• Additional presentation material was produced for each authority.</li> <li>• A database of all information is held by NYCC.</li> </ul>	

Outcomes	<ul style="list-style-type: none"> <li>✓ Funding facilitated 10 organisations working together to achieve the first stage of the National Indicator NI188 'Planning to Adapt to Climate Change' at low cost.</li> <li>✓ The LCLIP reports have provided vital evidence to engage senior managers in the adaptation field.</li> <li>✓ A launch event was held in but was not part of the original project and was funded externally.</li> </ul>
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<b>Project 3016</b>	<b>Humber Adaptation Project</b>	
Lead partner	North East Lincolnshire Council	
Contact details	nathan.vear@nelincs.gov.uk	01472 324235
Description	To research, undertake and produce an adaptation assessment for the Humber sub-region. Based on the UKCIP local climate impacts profile model the adaptation assessment considered the future impacts of climate change as well as the current impacts of extreme weather events.	
Products	Local climate impacts profile spreadsheet detailing over 450 media clips from each of the 4 authority areas.	
Outcomes	<ul style="list-style-type: none"> <li>✓ Significant increase in the awareness of weather related issues within the Humber sub-region and how these might affect local authority services.</li> <li>✓ Evidence to support claims about climate change and to show risk from severe weather events such as flooding following excessive rainfall and heavy snowfall.</li> <li>✓ Humber Climate Change Partnership has strengthened and has taken on other projects as a result of the successful working relationships.</li> </ul>	

<b>Project 3014</b>	<b>West Yorkshire Adaptation Action Plan</b>	
Lead partner	Kirklees Council	
Contact details	jon.follows@kirklees.gov.uk	01484 416424
Description	To develop and implement a West Yorkshire collaborative approach to climate change adaptation action planning. The West Yorkshire adaptation plan will support all five West Yorkshire local authorities to achieve level 3 of National Indicator 188 – planning to adapt to climate change.	
Products	The West Yorkshire Adaptation Action Plan is published on-line at <a href="http://www.yourclimate.org/news/west-yorkshire-adaptation-plan">http://www.yourclimate.org/news/west-yorkshire-adaptation-plan</a>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Greater knowledge of future climate risks across the sub-region.</li> <li>✓ Greater understanding of what actions are needed to address risks.</li> <li>✓ Risk assessment for WY has provided necessary evidence for all WY LAs to achieve level two of National Indicator 188.</li> <li>✓ A sub-regional action plan provides necessary evidence for all WY LAs to achieve level 3 of National Indicator 188.</li> </ul>	

<b>Project 3025</b>	<b>Comprehensive York and North Yorkshire Climate Change Risk Assessment Project</b>	
Lead partner	North Yorkshire County Council	
Contact details	graham.megson@northyorks.gov.uk	01609 533107
Description	To undertake a comprehensive risk assessment for climate change adaptation work in partnership across councils in York & North Yorkshire (building on the template developed by West Yorkshire); and to disseminate the results of this work both within the Y&NY authorities and their partners to create an individual council adaptation action plan to continue the adaptation work after the project.	
Products	<p><i>The project is ongoing to the end of August 2011</i></p> <ul style="list-style-type: none"> <li>• Individual comprehensive risk assessments completed for all partners.</li> <li>• Adaptation action plans produced for all 11 partners to achieve level 2 of NI188 'planning to adapt to climate change'.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Tools and findings reported to authorities to help create adaptation action plans.</li> <li>✓ All strategic partners to have support tools to embed and continue adaptation work.</li> <li>✓ Developing a single approach across all of the authorities in the sub-region will bring a common understanding and efficiency savings.</li> <li>✓ Potential efficiency savings through early adaptation measures.</li> </ul>	

<b>Project 3027</b>	<b>Humber Adaptation Risk Assessment</b>	
Lead partner	North East Lincolnshire Council	
Contact details	nathan.vear@nelincs.gov.uk	01472 324235
Description	This project extends the initial remit of the adaptation assessment (project 3016) to include a comprehensive risk assessment of weather and climate within the sub-region. Workshops with service managers and a review of UKCP09, the UK Climate Change Projections, will also be undertaken to facilitate the development of a prioritised action plan.	
Products	<p><i>The project is ongoing to the end of August 2011</i></p> <ul style="list-style-type: none"> <li>• A comprehensive risk assessment</li> <li>• An action plan based on priority risks</li> <li>• Toolkit for each authority to help take forward agreed actions</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ A greater, and locally specific, understanding of the impact of climate change on the sub-region.</li> <li>✓ Ability to write or update climate change strategies with prioritised adaptation measures.</li> </ul>	

<b>Project 3028</b>	<b>West Yorkshire Adaptation Action Plan - Phase 2</b>	
Lead partner	Kirklees Council & Leeds City Council	
Contact details	jon.follows@kirklees.gov.uk george.munson@leeds.gov.uk	01484 416424 0113 3951767
Description	<p>The project has three distinct work streams.</p> <ul style="list-style-type: none"> <li>• Firstly it will build on the West Yorkshire Adaptation Action Plan by verifying data and holding more in depth discussion with service managers on potential impacts at local and sub-regional level.</li> <li>• It will also consider how West Yorkshire authorities can support businesses to adapt their business models to become more resilient to the impacts of climate change and to identify the business opportunities</li> <li>• Finally, the project will undertake some 'weather threshold modeling' to understand better where impacts become severe (e.g. road melt) and therefore risking financial and reputational damage.</li> </ul>	
Products	<p><i>The project is ongoing to the end of June 2011</i></p> <ul style="list-style-type: none"> <li>• Refined adaptation action plan and detailed risk assessment across a number of priority sectors.</li> <li>• A new risk assessment focusing on businesses and the economy.</li> <li>• Weather threshold assessment.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Identification of opportunities for business to innovate to provide new climate resilient products or services.</li> <li>✓ Weather thresholds understood and solutions identified.</li> <li>✓ Closer working relationships between the five local authorities and their strategic partners in the sub-region.</li> </ul>	

<b>Project 3029</b>	<b>South Yorkshire Risk Assessment</b>	
Lead partner	Sheffield City Council	
Contact details	steve.byers@sheffield.gov.uk	0114 2734641
Description	<p><i>The project is ongoing to end of August 2011</i></p> <p>This project will assess the relative risks of the projected climate change impacts on South Yorkshire and will identify the priorities for action to reduce and manage those risks. It will identify the most efficient and cost-effective methodology to carry out the risk assessment including consideration of the methodologies developed by West Yorkshire and the East Midlands.</p>	
Products	<ul style="list-style-type: none"> <li>• A comprehensive assessment of climate change risks across South Yorkshire's local authority services and key LSP partners.</li> <li>• Final report summarising risk assessment, priorities and future action.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Identification of the priority risks for action across South Yorkshire.</li> <li>✓ Options for tackling the priority risks identified across South Yorkshire where there are common or cross-boundary issues.</li> </ul>	

## Carbon Management

Councils have a democratic mandate not only to manage the carbon emissions associated with the services they provide, but also to lead and support the actions of the wider local authority area. The programme has supported councils to respond to the Carbon Reduction Commitment and to undertake long term strategic planning on how to meet national targets on carbon reduction.

<b>Project 3008-1 Project 3008-2</b>	<b>Carbon Reduction Commitment – Toolkit &amp; Guidance</b>	
Lead partner	Local Government Yorkshire & Humber	
Contact details	jon.clubb@lgyh.gov.uk	07970 120827
Description	<p>This project supported local authorities who qualified to meet the legal requirement to report carbon emissions associated with running their business. Working in partnership with all other Regional Improvement &amp; Efficiency Partnerships and with the London Energy Partnership the first phase of the project was to support local authorities through the start up of the CRC scheme and help them with compliance.</p> <p>The second phase of the project then dealt with managing the early years of the CRC scheme including the implications for financial and legal services in local authorities. Comprehensive support was provided through a range of downloadable templates, tools, resources and a technical workshop.</p>	
Products	<p>The package of downloadable advice, tools and checklists especially commissioned for local authorities is available at:  <a href="http://www.haringey.gov.uk/landing_page_crc">www.haringey.gov.uk/landing_page_crc</a></p> <p>The modules are grouped as:</p> <ul style="list-style-type: none"> <li>• Preparing for the CRC.</li> <li>• Managing the Introductory Phase for energy, CRC, finance and property services managers.</li> <li>• Financial and accounting considerations –for CRC managers, accountants, schools finance officers and internal auditors.</li> <li>• Legal issues for in-house legal officer to ensure compliance.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Significant efficiency savings achieved through national collaboration on procurement.</li> <li>✓ Local authorities are better prepared organisationally for CRC.</li> <li>✓ Local authorities avoid expensive fines in relation to non-compliance.</li> <li>✓ Energy usage and associated costs reduced.</li> <li>✓ Reduced need to bring in external consultancy support.</li> </ul>	

<b>Project 3024</b>	<b>Carbon Modeling Pilot</b>	
Lead partner	Harrogate Borough Council	
Contact details	jane.money@harrogate.gov.uk	01423 556801
Description	<p>The project aimed to identify the most cost effective actions to achieve CO2 reduction targets, through the development of a method of establishing a baseline level of CO2, building a set of scenarios or carbon models which determine an action plan or road map for</p>	

	<p>achieving the required level of carbon reduction.</p> <p>There were two principal modeling tools considered - this pilot project supported Harrogate Borough Council to use the Stockholm Environmental Institute (SEI) REAP carbon-modeling tool and then to circulate the outcomes and learning across the region.</p>
Products	<p><i>The project is ongoing to the end of June 2011</i></p> <p>The resulting report and action plan will document:</p> <ul style="list-style-type: none"> <li>• Actions and a monitoring framework to measure success.</li> <li>• Where the consumption based emissions hotspots are located.</li> <li>• The contribution of existing policies to the reduction targets.</li> <li>• Identification of actions and their individual and combined contributions towards 40% and 80% consumption based emissions reductions targets.</li> <li>• Indicative costs and ease of implementation and the identification of key actors for delivering actions.</li> <li>• Identify actions that could be taken to reduce the production based CO2 emissions associated with waste management.</li> </ul>
Outcomes	<ul style="list-style-type: none"> <li>✓ To assist the YoHr Space Climate Change Board to make a comparative assessment of the two carbon modeling tools identified.</li> <li>✓ Create the necessary foundation work to devise the agreed action plan for achieving the Harrogate BC's CO2 reduction targets.</li> <li>✓ To have a report and a CO2 action plan that is robust and comprehensive.</li> <li>✓ Learning is embedded within the local authority to take work forward.</li> </ul>

<b>Project 3031</b>	<b>Carbon Modeling for Yorkshire &amp; Humber</b>	
Lead partner	Local Government Yorkshire & Humber	
Contact details	jon.clubb@lgyh.gov.uk	07970 120827
Description	<p>In Yorkshire &amp; Humber all local authorities have a carbon management plan and / or climate change strategy – many of which are under revision or preparation in response to political and stakeholder engagement. To support local authorities in this process it will be essential to calculate the relative benefits of a range of interventions so those with the most potential and impact are costed and prioritised. Extensive consultation indicated a strong desire to utilise carbon modeling software to help authorities develop their carbon reduction plans, supplemented with in-depth training to build capacity of climate change / sustainability officers to use the software and model different scenarios.</p> <p>Two principal models are used in this project; Resources and Energy Analysis Programme (REAP) by the Stockholm Environmental Institute, and Vantage Point (VP) by Carbon Descent.</p>	
Products	<p><i>The project continues to the end of September 2011</i></p> <ul style="list-style-type: none"> <li>• Training of local authority officers to use Vantage Point and where required REAP software.</li> <li>• Emissions baselines are produced.</li> <li>• Assessments of maximum resource potential.</li> </ul>	

	<ul style="list-style-type: none"> <li>• Business as usual trajectories are developed.</li> <li>• Emissions trajectories are modeled for up to three scenarios.</li> <li>• Calculation of the potential cost implication of local authority actions to achieve specific carbon reduction targets.</li> <li>• A written report is produced for each participating authority that includes policy recommendations including quick wins and longer term actions.</li> <li>• Provision of standard data that can be used more widely at a range of spatial and functional economic area levels.</li> </ul>
Outcomes	<ul style="list-style-type: none"> <li>✓ Support is secured from elected members, officers, and other community stakeholders in order to take action to reduce emissions.</li> <li>✓ Localities are able to set realistic carbon reduction targets based on resource potential.</li> <li>✓ The potential cost implication of local authority actions to achieve specific carbon reduction targets are understood by policy and decision makers.</li> <li>✓ Shared resources and methodology will facilitate greater opportunity for collaboration at different spatial levels.</li> <li>✓ Knowledge and skills are retained in the region to ensure a legacy to the project.</li> </ul>

<b>Project 3015</b>	<b>Humber Water Efficiency Project 'WET'</b>	
Lead partner	East Riding of Yorkshire Council	
Contact details	chris.king@eastriding.gov.uk	01482 391752
Description	This project funded water audits on one high use building in each local authority in the sub-region which baselined use, gained a full picture of fixtures and fittings, ensured surface water charges were correct, logged real time flows over two weeks, suggested costed efficiency improvements, detailed potential carbon savings and provided an action plan for targeted reductions over a twelve month period.	
Products	<i>This project continues to the end of June 2011</i> <ul style="list-style-type: none"> <li>• The project will achieve four water audits and four programmes of minor capital works which will specifically focus on water efficiency and carbon savings.</li> <li>• Case study material and report of outcomes and transferability.</li> </ul>	
Outcomes	<ul style="list-style-type: none"> <li>✓ Defined CO2 savings and enhanced the knowledge and skills base within each partner authority with regards to water management.</li> <li>✓ Improved understanding of the links between water and carbon savings.</li> <li>✓ Cashable savings will also be delivered in the short and long term.</li> <li>✓ Replicable resource management processes will be demonstrated.</li> </ul>	

# Climate Change Skills Fund

In August 2010 YoHr Space was awarded £860,000 by the Department for Communities and Local Government to develop a programme to increase local authority capacity to tackle the causes and effects of climate change in Yorkshire and Humber. The Climate Change Skills Fund programme has three broad aims which are to:

- Facilitate the delivery of increased renewable energy supply through the activities of local planning authorities;
- To help local authorities more broadly, including training Members on adaptation and mitigation; and
- Also allowing local planning authorities to promote better community engagement in the planning process, particularly on renewables.

In the overall CCSF Programme there are four individual projects which are all being developed:

## 1. Climate Change and Planning Best Practice Hub

Lead: Sheffield City Council

Contact: Steve Byers - 0114 2734641

Sheffield City Council is currently leading the delivery of a Climate Change and Planning Best Practice Hub. This will be an online resource that will identify progress across the Yorkshire and Humber region in integrating climate change issues into planning. The Hub will ultimately provide a range of tools, resources and sharing of best practice on current mitigation/adaptation work and learning. The project runs until March 2012.

## 2. Leadership, Skills and Support Service

Lead: Hambleton District Council

Contact: Helen Heward – 01609 767165

The Leadership, Skills and Support Service is being led by Hambleton District Council. This project will deliver accredited training to planning officers and elected Members and will form part of officers' continuous professional development. The training programme is anticipated to run from autumn 2011 – winter 2012 and will provide ten modules:

1. **Introduction to climate change policy and context** – this module is designed to provide planners with a clear understanding of the relevant UK and EU climate change policy context and how the LDF/Local Plan fits within this framework.
2. **LDF/plan making evidence base** – this module will help planners understand exactly what evidence is needed to form part of the evidence base, in what form this should be in and for what policies evidence is required.
3. **Planning Policy Development** – this module is designed to ensure planners are confident they can design clear, specific, and robust climate change policies.
4. **Implementation of the Yorkshire and Humber Renewable and Low Carbon Energy Potential Study 2011** – this module will highlight how planners can set and implement local renewable energy targets and policies in the LDF/Local Plan.
5. **Achieving climate change mitigation and adaptation in masterplanning** – this module will ensure that planners are confident at all stages of the masterplanning process in relation to climate change adaptation and mitigation.
6. **Achieving climate change mitigation and adaptation in small scale development** – This module will give planners an understanding of the role that small scale developments can play in achieving renewable energy potential through micro-generation and cumulative carbon impacts.



7. **Climate Change and viability** – this module will emphasize the cost effectiveness of sustainable design, and renewable and low carbon measures.
8. **Historical Assets and Climate Change** – this module will emphasize to planners how they can strike the balance of contribution to climate change mitigation and fulfilling the requirements of conservation by managing the historic environment.
9. **Construction** – this module will give planners a clear understanding of the principles of sustainable design and retrofitting.
10. **Regulation regimes, likely policy changes and implications for planning requirements, monitoring and enforcement** – this module will show planners how to implement policy requirements which is often seen as a great difficulty.

**Additional features of the project:**

- A Planning and Climate Change Technical Support Service to help local authority planners in incorporating climate change adaptation and mitigation principles into proposed developments or when dealing with opportunities in conservation areas or sensitive landscapes.
- A Climate Change and Planning Design Review Panel to provide an independent, expert panel of professionals who can provide advice to local planning authorities on specific climate change and planning issues.
- Pilot Renewable and Low Carbon Energy Potential Studies to help to assist local authorities in their preparation of targets, policies and strategies for renewable energy at a local level.

**3. Heritage Assets and Low Carbon Renovation Project**

Lead: Leeds City Council & Kirklees Council

Contact: George Munson - 0113 3951767

Jointly led by Leeds City Council and Kirklees Council this project is focusing on improving planning policy to improve energy efficiency and renewable energy generation in historical and listed buildings. This project will provide structured guidance, web-based training, illustrative desktop case studies and educational events. As part of the project there will be a HELM training course on 30<sup>th</sup> June 2011 “Historic Buildings: Energy Efficient for a Changing Climate” in Leeds. The learning from this project will also formally feed into the Leadership, Skills, and Support Service’s officer training programme. The project runs until December 2011

**4. Community Engagement**

Lead: Local Government Yorkshire & Humber

Contact: Jon Clubb – 07970 120827

Each local authority in Yorkshire and Humber, is developing and delivering (themselves or via a delivery partner) an approach to:

- Empower and engage interested householders and communities and help them understand the benefits of renewable energy (and the new Feed in Tariff) and provide guidance so that they can understand development control, planning and finance issues so that they are confident to install equipment; and/or
- Engage and empower communities to adapt and prepare for the impacts of climate change.

A range of individual, sub-regional and other cross-boundary approaches are being developed by local authorities, designed to meet their local needs and the aspirations of local communities. The programme runs until March 2012.

