

Kirklees Climate Local

Our progress in 2014/15

Full details on Kirklees Climate Local can be found by searching for "Climate Local" on our website

www.kirklees.gov.uk

The Climate Local framework supports the Council's two overarching carbon reduction targets:

- To reduce carbon emissions arising from **Council activities** by 40% by 2020, from a 2005/6 baseline, and
- To reduce carbon emissions across **Kirklees** by 40% by 2020, from a 2005/6 baseline, in line with UK targets.

The most recent data shows that the:

- Council has reduced its emissions by **27% by 2014/15**.
- District emissions have reduced by **23% by 2013** (the most recent figures available)

We have made the following progress towards achieving the commitments and actions we pledged for 2014/15:

Commitment: JOBS Creating local jobs in the green sector and ensuring we have the appropriate skills for a low carbon economy		
Progress:		
<ul style="list-style-type: none"> • The identified opportunity for district heating in Huddersfield is being explored • 86 businesses have undertaken resource efficiency improvements, with ~£430k being spent with Kirklees contractors • Promotion of national initiatives e.g. working smarter voucher and apprenticeships to green sector companies • Low carbon skills funding identified 		
Action(s)	Progress	Lessons learnt
Develop the Resource Smart Corridor strategy/programme to describe the strategic context for projects and generate an investment pipeline for future funding streams	<p>Detailed action plans have been produced for each project.</p> <p>The Resource Smart Corridor Strategy document is being finalised and is expected to be published in Summer 2015.</p>	<p>Key outcome – the development of a strategy which strengthens the Council’s approach to projects and maximises the benefits of them and linkages between them.</p> <p>Benefits:</p> <ul style="list-style-type: none"> • Council is well placed to take advantage of funding opportunities which arise • Projects are co-ordinated and benefits maximised <p>The key challenges have been to secure sufficient staff time to feed in to the strategy and also convince external partners of the merits of the programme.</p>
Deliver next stage of the Huddersfield Heat Network Project	<p>Completion of the Energy Masterplanning exercise for Huddersfield Town Centre.</p> <p>Successful funding bid to the DECC HNDU funding round to undertake a detailed feasibility study for a Huddersfield Heat Network. A specification for this study is currently being developed for delivery in 2015/16.</p>	<p>Masterplanning has identified that a district heating network would be viable in Huddersfield Town Centre/Leeds Road Area. Working with Leeds City Region LEP partners has assisted this process.</p> <p>The technical complexity of district heating and the limited staff resources available have meant that this is a challenging project to progress and these factors form the key barriers to the programme.</p>

<p>Deliver the Kirklees Business Environment Grant</p> <p>(Match funding of up to £5k per business for resource efficiency improvements)</p>	<ul style="list-style-type: none"> • Awarded 86 grants with an average award of £4047. • Grants totaling £348,027 were paid out. • Match funding by the participating businesses amounted to £730,842. • A total of £430,441 was invested in the local economy by using Kirklees contractors. • Increased sales of £10,000 a year. • Cost savings to Kirklees businesses of £487,605 per annum in reduced energy, waste and water bills. • Reduced CO2 emissions by 1992 tonnes. • Led to an extra 130 tonnes of waste a year being recycled that was previously being sent to landfill. • Water savings of 7520m³ a year. • Safeguarded 172 jobs. • 18 apprentices taken on. • 14 young people taken on through Kirklees 'Headstart' Scheme 	<p>This scheme has continued successfully, building on previous years. A total of £430,441 was invested in the local economy by using Kirklees contractors and cost savings to Kirklees businesses of £487,605 per annum in reduced energy, waste and water bills.</p> <p>A barrier has been to ensure that recipient businesses deliver their measures promptly before financial year end. Mechanisms to ensure this have been introduced and built into proposals for a follow-up scheme.</p>
<p>Promote the Kirklees Business Deal and its associated Employment and Skills Initiatives to green sector companies</p>	<ol style="list-style-type: none"> 1. Promotion of Apprenticeships during Business Environment Grant scheme business visits has continued successfully. Over 180 businesses received information to date resulting in commitments to take on 29 apprenticeships. 2. Kirklees Colleges' bid to the LCR Skills Capital Bid was successful. This means that the College will expand its Low Carbon Construction Technologies Training Centre. New courses to be delivered from September, including Train the Trainer in Sustainability. Their range of courses for sustainability and carbon reduction will be strengthened and promoted. 3. A local event to promote the LCR Skills Hub now known as the Skills Service and its associated Funding streams will be planned when the Skills Service is launched. The contract with the Skills Service providers is signed now and a launch date is imminent. The skills service will also be promoted via the newly launched Kirklees Business Hub. 	<p>This area continues to build upon previous successes and the launch of the Kirklees Business Hub and the use of a single point of contact for the local employment and skills offer has provided a more efficient customer service to businesses.</p> <p>Barriers have included defining and identifying 'Green Sector companies' who could take advantage of funding available. Delays and changes to funding mechanisms and eligibility provide ongoing challenges.</p>

Commitment: HOMES Continue to aim to provide affordable warmth and tackle fuel poverty in homes

Progress:

- The LCR Green Deal/ECO scheme has been successfully procured and has launched as 'Better Homes Yorkshire'.
- Kirklees Neighbourhood Housing has completed a range of projects to improve the thermal efficiency of Council Homes.
- The Council Housing Solar PV Programme has been successfully set up and is now delivering towards its target of 2000 installations on Council Homes.

Despite the success of schemes in 2014/15 the scale of the issue of fuel poverty in private and social sector housing in Kirklees is huge and addressing it remains challenging.

Action(s)	Progress	Lessons learnt
<p>Feed into the procurement and process to secure a LCR Green Deal ECO Partner for delivery from April 2014</p>	<p>A delivery partner has been successfully procured and the scheme has been branded as 'Better Homes Yorkshire' (http://www.betterhomesyorkshire.co.uk/). This successfully launched across the 9 partner authorities in March 2015.</p>	<p>Whilst a large and complex procurement exercise, it is considered that a joint collaborative approach across the Leeds City Region has achieved significant efficiency savings and provided a stable and comprehensive scheme for the years ahead.</p> <p>External factors relating to the changes to external funding (the Energy Company Obligation - ECO) have been challenging to project development and have added uncertainty to the process which has caused delays. An ongoing process of identifying alternative sources of external funding will continue to try and offset this.</p>
<p>Continue to deliver the ERDF funded INNERS research project with Bradford University</p>	<p>The UK final event was held at Huddersfield Town Hall on 17 April 2015. As well as successfully showcasing the Kirklees project, European partners also attended the event to showcase their projects.</p> <p>Colleagues from Bradford University be attending European partner final events in Spring/Summer 2015 to showcase the Kirklees project to European audiences.</p>	<p>The project is now largely complete and a range of innovative technologies relating to the urban water cycle have been successfully demonstrated through municipal and university partners working together.</p> <p>A key barrier has the challenges of co-ordinating and arranging the range of parallel projects across the range of partners and countries. This has been delivered successfully and the programme is approaching completion.</p>

<p>Continue to develop schemes which tackle fuel poverty in our own Council homes, and securing inward investment</p>	<p>Gas connections have been installed at 160 properties and Kirklees Building Services have installed 102 central heating systems with a further 30 programmed. (refusals/no access to be addressed when void)</p> <p>Final phase of External Wall Insulation scheme at Cleckheaton scheme near to completion. Surveying of Birstall estate (an additional 50 properties) is complete work is due to start in June.</p> <p>Detailed surveying of potential 'hard to treat' cavities is in progress. Kirklees Building Services have had operatives trained in the installation the required specialist insulation product. Work is anticipated start programme in the next financial year (15/16).</p> <p>Renewal of Eightlands Biomass Boiler (supplying a housing estate district heating scheme) has been completed on time and to budget. Biomass boiler commissioned and operational.</p>	<p>This is a diverse programme that represents some of the variety and challenges present in tackling fuel poverty in council homes. A range of different measures has been developed to successfully address this.</p> <p>A key challenge has been changes and reductions to the ECO rates for some of these measures, which have correspondingly impacted on delivery rates.</p>
<p>Deliver the KNH Solar Panel Scheme to provide PV installations to 2000 tenanted properties to help alleviate fuel poverty.</p>	<p>The scheme has been successfully set up to target inefficient properties and 80 systems have been installed (in line with forecast) and draft programme for 2015/6 agreed.</p>	<p>The programme has now been set up and installations have begun. This will scale up in 2015/16.</p> <p>Challenges have been faced through longer than anticipated timescales in getting approvals from the DNO and in carrying out structural roof surveys, but these have been anticipated in scheme tolerances and have not affected delivery.</p>

Commitment: COUNCIL Leading by example – efficient use of energy and water in buildings, streetlighting and fuel use by fleet vehicles.

Progress:

- Continued investment in LED traffic signals has halved the carbon footprint generated by Urban Traffic Control.
- A range of investments have continued via the Carbon baseline to achieve carbon reductions and cost savings in the corporate estate.
- Corporate 'behaviour change' projects have been successfully implemented and this will continue in 2015/16

Action(s)	Progress	Lessons learnt
Maintain compliance to the Carbon Reduction Commitment (CRC) Energy Efficiency Scheme	<p>This has been achieved and the 2013/14 CRC Annual Report successfully submitted and allowances allocated.</p> <p>This is the last year of Phase 1 of the CRC and the council does not fall within the scope of Phase 2.</p>	<p>The council has successfully learnt from previous years and developed a procedure that reflects the complexity and need for accuracy of the CRC scheme. The report was successfully completed for the final year of Phase 1 of CRC.</p>
Develop and deliver the streetlighting energy efficiency investment programme	<p>Work to upgrade the columns and lighting in ongoing, which has resulted in an annual Reduction of 4-5% in energy/CO2 generated. Annual Reduction £75k in maintenance costs.</p> <p>External funding options are being explored to further expand the programme.</p>	<p>This is an ongoing programme, which has already achieved significant efficiencies.</p> <p>Future uncertainty around funding has meant that external sources of funding are being investigated for their suitability.</p>
Deliver Climate Local capital Carbon Reduction baseline programme	<p>A programme of £630k of investment has been successfully developed and delivered.</p>	<p>Efficiencies achieved through the reduction and rationalisation of the corporate estate have helped achieve significant carbon and cost savings. However uncertainties around some parts of the corporate estate have also presented challenges in identifying and prioritising interventions.</p> <p>Equally, uncertainty over external funding in relation to private households (the ECO subsidy) have made it difficult to prioritise where council investment should be prioritised.</p>
Develop and deliver behaviour change projects in Civic Centre 1 (Feb/March 2015)	<p>Scheme has been successfully delivered and included drop-in sessions, 'switch-off' posters and stickers distributed etc. Consideration is being given to rolling out this approach to other larger council buildings.</p>	<p>Scheme was implemented in conjunction with an upgrade of the building's windows. This joined up approach is considered to have been successful.</p>

<p>Develop behaviour change projects building on the availability of energy data for corporate buildings, and providing energy management training for key staff</p>	<p>Successful Energy management training sessions provided in October 2014 for caretaking and maintenance colleagues . Additional sessions proposed in October 2015 and on an ongoing basis.</p> <p>Energy & Carbon 'Web Dashboard' project was stopped. This was due to significant software issues remaining unresolved.</p>	<p>Problems implementing the 'web dashboard' product meant that the project was stopped and funds reimbursed to the council. An alternative solution is expected to be implemented in 2015/16.</p>
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Commitment: TRANSPORT Increasing transport connectivity in Kirklees and reducing related carbon emissions

Progress:

- The West Yorkshire Local Transport Plan has a number of initiatives to increase connectivity and reducing carbon emissions in Kirklees

Action(s)	Progress	Lessons learnt
<p>Huddersfield Town Centre access and connectivity scheme – Package of improvements to help make the town's streets safer, to reduce delays and to improve public transport reliability by re-routing and restricting some vehicle movements.</p>	<p>Construction is underway. Completion in 2015/16.</p>	<p>Action ongoing</p>
<p>Urban Traffic Management and Control (UTMC) Common Database During 2014/15 work on the development of a portal for traffic and travel information in Kirklees will be completed. This will:</p> <ul style="list-style-type: none"> • Enable people to make informed travel choices • Contribute to modal shift • Reduce congestion <p>Improve air quality</p>	<p>The Kirklees UTMC common database is now in place, and by the end of 2015/16 it will be superseded by a Leeds City Region-wide common database.</p>	<p>The new database brings together previously disparate data from multiple sources, enabling the Council to make more efficient use of the transport network, and to better inform the travelling public.</p>

<p><u>A644 Bus Priority Scheme</u></p>	<p>This work is not currently being progressed. Likely to be subsumed by a WYTF scheme for Ravensthorpe.</p>	
<p>Heckmondwike Transport Hub This is a WY LTP project which will create a new centralised bus hub in the centre of Heckmondwike. The aims of the WY Transport Hubs programme are to:</p> <ul style="list-style-type: none"> • Encourage modal shift towards sustainable travel modes; • Make integration between transport modes and services an easy thing to do; • Provide safe, secure and comfortable facilities, accessible to all; Promote access to a wide range of destinations across West Yorkshire. 	<p>New Transport Hub opened on 25th April 2015.</p> <p>Includes: 4 new bus stands with shelters and ‘real time’ information, a totem displaying travel info and a digital clock, 10 new sheltered cycle parking spaces, benches, and two new short stay parking bays.</p> <p>Delivered on time and to budget.</p>	<p>What went well:</p> <ul style="list-style-type: none"> • The Hub opened on time and within budget. • Good partnership working between Kirklees Council, the WY Combined Authority and Arriva Buses. • Positive feedback from the public and councillors regarding the management of the construction site and final design. • Significant uplift to the appearance of Heckmondwike town centre. <p>What didn’t go well:</p> <ul style="list-style-type: none"> • At certain times of day some journeys through Heckmondwike are currently taking longer than they did before the Hub opened. To improve this situation we are continuing to work on optimising signal timings and coordination, and also investigating means to make the local network simpler and more efficient. • Motorists are continuing to contravene parking regulations and pull up at the Hub entrance in order to use a cash machine, and also sometimes exit the Hub against the one-way system. This can obstruct buses and also presents an accident risk. We are taking action to try and resolve this issue.
<p>Travel Plans to be secured through the planning process During 2014/15 we will continue to secure Travel Plans through the planning process and</p>	<p>Due to resource pressures, Travel plan monitoring is not currently being delivered.</p>	

<p>monitor the delivery of these to maximise the use of sustainable travel modes for trips from new developments.</p>		
<p>Dalton to Deighton Cycle Link – During 2014/15 land and funding will be secured for a new cycle route connecting Dalton and Deighton. It is anticipated the new route will be completed during 2015.</p>	<p>Negotiations are continuing with regard to securing land.</p>	<p>Action ongoing</p>
<p>Colne Valley Greenway – During 2014/15 we will continue to secure developer contributions towards the Colne Valley Greenway.</p>	<p>Funding has been secured to upgrade the canal towpath between Huddersfield and Milnsbridge. Construction is expected to commence in 2016.</p>	<p>Action ongoing</p>

Commitment: WASTE Developing future plans to reduce waste and maximise diversion from landfill.

Progress:

- Effective progress has been made during the year in relation to glass recycling and green bin recycling collections.
- The waste strategy has been successfully refreshed

Action(s)	Progress	Lessons learnt
Work with our waste disposal contractor to maintain, and to identify opportunities to improve, both the input and output quality of comingled recyclables at the Materials Recycling Facility, hence maximise recycling through this route.	Latest figures show a significant reduction in the number of green bin loads being rejected for recycling by our contractor. However, ongoing and sustained action is planned in order to bring the underlying level of contamination to acceptable levels across the district.	This action ensures compliance with changing legislation, maximising recycling and minimising costs. Action ongoing.
Undertake targeted campaign action to reduce levels of food waste in Kirklees by adapting the national Love Food Hate Waste campaign to engage with and involve specifically identified local communities; develop plan to apply learning elsewhere in a wider rollout.	Campaigns undertaken and further Huddersfield University Students Union events arranged for 2015 with regard to education on food waste and recycling.	Action ongoing
Develop a range of waste management options for consultation with elected members and undertake	Waste strategy proposals / options have now been presented to elected members from all political parties, some of these for implementation as part of the 2015/16 budget.	Action ongoing

appropriate consultation.	Completion of this action will roll forward into 2015/16 as part of the move to New Council.	
Produce final waste strategy document.	Refreshed waste strategy document completed. (March 2015)	Provides a strategic framework for further improving the management of waste in Kirklees, taking account of known future pressures including changes in legislation and cost.



Commitment: NATURAL ENVIRONMENT Delivering a setting for investment and maximising biodiversity and reducing costs

Progress:

- Development Management work continues to maximise biodiversity in Kirklees.
- The establishment of the Yorkshire West Local Nature Partnership is facilitating green infrastructure opportunities in the district.
- The 'Green Streets' programme is aligning green infrastructure development with highways improvements and other large scale development opportunities.

Action(s)	Progress	Lessons learnt
Continue to contribute to the Development Management (DM) process to ensure that this contributes to the national 2020 biodiversity goal of 'no net loss' and that the authority is compliant with relevant statutory species and wildlife legislation.	Systems in place and operating effectively. Recording measure developed and being used.	This process continues to be reviewed and streamlined to maximise outputs and efficiency. Action ongoing.
Produce report relating to the Habitat Regulations Assessment of the South Pennine uplands (including parts of Kirklees) to inform the Local Plan process [statutory requirement].	Ecological data now being analysed as part of PhD project at Manchester Metropolitan University in partnership with Calderdale and Bradford Councils. Project will be used to help inform HRA. Meeting scheduled this month to discuss completion.	This is an ongoing action to help identify evidence the potential impacts of the Local Plan.
Complete the establishment of the Dewsbury Country Park (Diamond Wood) and develop sustainable apprentices/job opportunities within the	Tree planting completed. Access and other (green) infrastructure works, including construction of car park, underway and programmed for completion for formal launch of DCP in the summer. Launch being organised. Dewsbury Country park has had its Woodland Carbon Code scheme validated as part of the White Rose Forest Carbon	Action ongoing

park.	Group. 14,500 tonnes of CO2 available as an “allowable solution”	
Identify and designate Local Wildlife and Local Geological Sites to inform the Local Plan	Draft for habitat networks produced and local sites assessment continuing where surveys have not been conclusive. West Yorkshire Ecology commissioned to do additional work over the summer 2015.	Action ongoing
Work with partners to complete the establishment of the Yorkshire West Local Nature Partnership and work together to increase green infrastructure investment and utilise existing resources more efficiently.	<p>YWLNP Chair to represent all LCR LNPs on the Green Economy Panel.</p> <p>YWLNP and other LNPs agreed to provide common economic message to the ESIF Local Sub Committee.</p> <p>YWLNP set up an ESIF Task Group to help galvanise investments across city region where GI can promote growth in strategic centres into a coherent programme. This will include the Resource Smart Corridor.</p>	The successful establishment of the YWLNP is an important step in securing the mainstreaming of green infrastructure into investments across the Leeds City Region from design to delivery
Publish the Kirklees Green Infrastructure Delivery Plan to prioritise GI investment	<p>Draft Plan produced and issues discussed at the Green Investment Board.</p> <p>Approach to engagement with voluntary sector to ‘adopt’ assets agreed at GIB and follow up work underway to coordinate between Streetscene and CT&C.</p> <p>Mapping of assets (GI and community) is considered critical to facilitating voluntary sector taking on responsibilities for green space. How we do this being explored with GIS team.</p> <p>Implementation to be finalised and agreed with key stakeholders and the Green Investment Board.</p>	Action ongoing

<p>Identify and utilise opportunities within existing and planned programmes for Green Infrastructure in order to deliver an improved sense of Place.</p>	<p>Green streets acknowledged as a key strand within the Resource Smart Corridor Programme. This will enable all new developments and investments to be assessed as to their economic vulnerability and how this can be mitigated by green infrastructure.</p> <p>Joint report with Communities team produced that combines Green streets with Asset based Community development approach along RSC. Identifies innovative way to enable communities to green up their areas.</p> <p>Draft Green Streets report prepared to be published in February details proposed WYTF based works between Cooper Bridge and Huddersfield</p>	<p>Action ongoing</p>
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