

# Kirklees Climate Local

## Our progress in 2015/16

Full details on Kirklees Climate Local can be found by searching for “Climate Local” on our website ([www.kirklees.gov.uk](http://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 **28.5% by 2015/16**.
- District-wide emissions have reduced by **29% by 2014** (the most recent figures available)

We have made the following progress towards achieving the commitments and actions we pledged for 2015/16:

| <b>Commitment:</b> JOBS Creating local jobs in the green sector and ensuring we have the appropriate skills for a low carbon economy  |  |   |
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| <b>Progress:</b>  |  |   |
| <ul style="list-style-type: none"> <li>• The identified opportunity for district heating in Huddersfield is being explored</li> <li>• 86 businesses have undertaken resource efficiency improvements, with ~£200k being spent in Kirklees in 2015/16</li> <li>• Promotion of national initiatives e.g. working smarter voucher and apprenticeships to green sector companies</li> </ul> |  |   |
| <b>Action(s)</b>  | <b>Progress</b>  | <b>Lessons learnt</b>   |
| Develop the Resource Smart Corridor strategy/programme to describe the strategic context for projects and generate an investment pipeline for future funding streams  | <ul style="list-style-type: none"> <li>• Action Plans produced for each of the 17 KSC projects</li> <li>• Production and KSC Board approval of Kirklees Smart Corridor Strategy Document</li> <li>• Establishment of quarterly Board/Project Officers meetings to update on progress with each project and to facilitate better coordination of projects, cross working and networking.</li> </ul> | <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"> <li>• Council is well placed to take advantage of funding opportunities which arise</li> <li>• Projects are co-ordinated and benefits maximised</li> </ul> <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   | Specification for detailed feasibility funding is currently being prepared. Finalisation of this has been delayed due to competing pressures on staff time.  | <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>  |

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| <p>Deliver the Kirklees Business Environment Grant</p> <p>(Match funding of up to £5k per business for resource efficiency improvements)</p> | <p>Scheme completed – 2015/16 outputs:</p> <ul style="list-style-type: none"> <li>• 141 Kirklees businesses engaged.</li> <li>• £200,000 of grants awarded to 48 schemes.</li> <li>• Private sector investment from the businesses helped totals £516,000.</li> <li>• Gas savings 1,718,920 Kwh a year.</li> <li>• Electricity savings 1,200,069 Kwh a year.</li> <li>• CO2 savings of 884 tonnes a year.</li> <li>• Cost savings of £250,000 a year to the businesses involved.</li> <li>• Sales increase of £1,175,000 a year (this is from just two businesses – Dixon Chew, who estimated that their sales would increase by £175,000, and Bentley Growers, who estimated £1,000,000 in increased sales).</li> <li>• 16 jobs created (15 at Bentley Growers).</li> <li>• 77 jobs safeguarded.</li> <li>• £282,481 spent with Kirklees contractors (39% of the total spend).</li> <li>• 78 tonnes of waste recycled.</li> </ul> | <p>This scheme has now been successfully completed. A key barrier was ensuring that recipient businesses deliver their measures promptly before financial year end. Mechanisms to ensure this were introduced for the final year of the scheme.</p>  |
| <p>Promote the Kirklees Business Deal and its associated Employment and Skills Initiatives to green sector companies</p>                     | <ul style="list-style-type: none"> <li>• Promotion of Apprenticeships and Headstart Programmes during Business Environment Grant scheme business visits continues. Over 180 businesses received information to date resulting in 2 job starts in first two quarters.</li> <li>• Preparing launch of Working Smarter Voucher (up to £1,000 per business) and Higher Level Apprenticeship Grant offers (£1,200 per apprenticeship, maximum of 3 Grants) for SMEs with under 250 employees funded until March 2016.</li> <li>• Promotion of Business Growth Programme during Business Environment Grant Scheme.</li> </ul>  | <p>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 external 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 'Better Homes Yorkshire' energy efficiency scheme has successfully launched.
- Kirklees Neighbourhood Housing has completed a range of projects to improve the thermal efficiency of Council Homes.
- The Council Housing Solar PV Programme has successfully delivered 574 Solar PV installations.

The scale of the issue of fuel poverty in private and social sector housing in Kirklees is huge and addressing it remains challenging given the current restrictive funding environment.

| Action(s)  | Progress  | Lessons learnt  |
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| <p>Deliver the 'Better Homes' Energy Efficiency Scheme with private sector and local authority partners. Seek to identify and secure additional funding to extend the reach of the scheme.</p> | <p>Scheme launched in March 2015, but delivery has been delayed due to reduced availability and general reduction of 'ECO' subsidy. Other external funding partially to offset ECO decline has been secured:</p> <ul style="list-style-type: none"> <li>• DECC Green Deal Communities Fund</li> <li>• DECC Central Heating Fund</li> </ul> <p>Delivery subcontractors are now contracted and delivery of measures are underway.</p>   | <p>The joint collaborative approach across the Leeds City Region is considered to provide a stable scheme for the years ahead and enable the partnership to be fleet of foot when pursuing funding.</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>Project completed Dec 2015 and all grant payment received. Bradford University are to continue to monitor installed equipment for at least another year. Bradford has had preliminary discussions with Wakefield Council re incorporating ground source heat pumps into a large housing scheme in Wakefield.</p> <p>Colleagues from Bradford University attended European partner final events in Spring/Summer 2015 to showcase the Kirklees project to European audiences.</p> | <p>The project is now 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>   |

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| <p>Continue to develop schemes which tackle fuel poverty in our own Council homes, and securing inward investment</p>  | <ul style="list-style-type: none"> <li>• 1218 energy efficient gas boilers installed in 2015/6.</li> <li>• Successful RHI claim for biomass boiler at Eightlands – estimated income of £40k per annum for next 20 years.</li> <li>• On site at Marsden – 29 properties completed for year end. A further 50 properties at Marsden to be completed next financial year.</li> <li>• Further 89 potential properties have been identified. Program due to start in 8 weeks.</li> <li>• On site at Nova estate – slow progress due to weather – Due to complete June 2016.</li> <li>• EU funding being investigated in order to carry out feasibility for fitting heat meters and upgrading heating controls in retirement living flats.</li> </ul> | <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>574 Solar PV installations have been completed. The FIT rate has been reduced significantly by Government which has resulted in total anticipated installations being reduced . Project complete.</p>  | <p>The programme has been successfully completed. The significant reduction to FIT rates in January 2016 meant that programme delivery was reduced correspondingly and able to be accommodated within programme tolerances.</p>  |
| <p>Deliver 50 housing units built to ‘Passivhaus’ standards in order to reduce energy bills and carbon emissions for tenants. Undertake an evaluation of the cost and benefits of this investment.</p> | <p>Initial site feasibility and indicative layout completed for initial identified site. Next steps are now being considered.</p>   | <p>The costs and complexities around delivering housing built to Passivhaus standard are challenging and time-consuming, which needs to be factored in to the programme timescales.</p>  |

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

**Progress:**

- A range of investments including in LED street-lighting and traffic signals has continued to achieve carbon reductions and cost savings in the council estate.
- Monitoring and reporting of the council's carbon emissions continues.

| Action(s)  | Progress  | Lessons learnt   |
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| Continue to collate data on the Council's Carbon Emissions in order to monitor progress against the above target | <p>This action replaces the previous year's action relating to compliance with the Carbon Reduction Commitment scheme, as the council does not fall within the scope of Phase 2 of the CRC.</p> <p>Carbon emissions data for 2014/15 was successfully collated and reported in September 2015. Data for 2015/16 will be reported in September 2016.</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 but that also can be delivered in a timely and efficient manner.  |
| Develop and deliver the streetlighting energy efficiency investment programme                                    | Year-end spend was 97% of allocated budget for 2015/16. The Council is investigating external funding for LED retrofit equipment, although technical issues with manufacturers has delayed this. Street lighting was deemed to be unsuitable for ERDF funding at present.   | <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  | A programme of £396k of investment has been successfully developed and delivered.   | <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 identify where council investment should be prioritised.</p> |

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| <p>Develop and deliver behaviour change projects in Civic Centre 1 (Feb/March 2015)</p>  | <p>The initial scheme was successfully delivered in 2014/15 (which included drop-in sessions, 'switch-off' posters and stickers distributed etc).</p> <p>Further interventions are in the process of being redefined as part of a new Council Energy Policy (in development).</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>Training is currently focussed on essential site based heating system and energy management training (including school caretakers)</p> <p>Further interventions are in the process of being redefined as part of a new Council Energy Policy (in development)..</p>            | <p>Further interventions are being developed to maximise the benefits and energy efficiency savings.</p>   |



**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   |
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| <p><b>Huddersfield Town Centre access and connectivity scheme</b> – 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>Re-surfacing works to be undertaken July 2016. Scheme is substantially complete.</p>  | <p>Action ongoing</p>  |
| <p><b>Urban Traffic Management and Control (UTMC) Common Database</b><br/>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"> <li>• Enable people to make informed travel choices</li> <li>• Contribute to modal shift</li> <li>• Reduce congestion</li> <li>• Improve air quality</li> </ul> | <p>The Kirklees UTMC common database is now in place. The implementation of a Leeds City Region-wide common database is still ongoing.</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> |

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| <p><b>Bus 'Hotspots'</b><br/>To identify locations in the road network where buses have been experiencing delays and/or operational issues and seek to develop measures to resolve these.</p>  | <p>Monitoring and scheme development has identified 5 schemes to be taken forward in 2016/17 Highways Capital Plan:</p> <ol style="list-style-type: none"> <li>1) Whitehall Way, Dewsbury - widening</li> <li>2) Thorncliffe St., Lindley one-way</li> <li>3) A641 / Ring Road slip widening</li> <li>4) A62 Leeds Rd, Deighton bus stop relocation</li> <li>5) Lockwood Road bus lane – extension of operating hours</li> </ol> | <p>The factors negatively affecting journey times are often numerous and complex. The scheme development and consultation process needs to reflect this.</p> |
| <p><b>Transport Hubs Programme</b><br/>Following the successful implementation of the Heckmondwike Hub in 2014/15, seek to utilise available funding to identify and develop smaller hubs in Kirklees. The aims of the WY Transport Hubs programme are to:</p> <ul style="list-style-type: none"> <li>• Encourage modal shift towards sustainable travel modes;</li> <li>• Make integration between transport modes and services an easy thing to do;</li> </ul> | <p>Decision taken not to progress any further Transport Hub schemes in 2015/16 and 2016/17 due to limited staff resources and competing West Yorkshire Transport Fund priorities.</p>  | <p>Schemes not being progressed.</p>   |

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| <ul style="list-style-type: none"> <li>• Provide safe, secure and comfortable facilities, accessible to all;</li> </ul> <p>Promote access to a wide range of destinations across West Yorkshire.</p> |   |                       |
| <p><b>Greenways &amp; Cycle Routes</b><br/>         Seek to secure funding and developer contributions towards the development of Greenways and Cycle-only routes.</p>                               | <p>Cycle City Ambition Grants (CCAG) Round 2 funding secured. New routes to and across Huddersfield town centre being progressed.</p> | <p>Action ongoing</p> |

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

**Progress:**

- Adoption of real-time web-based monitoring and reporting of excess/contaminated waste has led to fewer rejected loads at the Materials Recycling Facility.
- Research projects have been developed to improve the council's intelligence relating to waste and to help target future campaigns

| Action(s)  | Progress   | Lessons learnt   |
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| <p>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.</p>                             | <p>Collection crews are now monitoring bins and reporting excess waste, heavy waste and contaminated recycling on tablets with data reported back to office in real-time. This has led to fewer rejected loads in the MRF (rejected due to whole-vehicle load contamination).</p> <p>However, the quality of green bin materials has not improved and the percentage of contamination post-sorting has increased over the last year. A planned education and communication programme will help address this.</p>   | <p>This action ensures compliance with changing legislation, maximising recycling and minimising costs.</p> <p>Action ongoing.</p> |
| <p>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.</p> | <p>Following a recruitment exercise, staff resources have increased, which in turn has increased the Council's capacity for participating in recycling campaigns.</p> <p>The service has developed three research projects to understand Kirklees waste in more detail and target future campaigns to increase effectiveness and impact (to be delivered in 2016/17):</p> <ol style="list-style-type: none"> <li>1. Market research study – July/August 2016</li> <li>2. Waste Composition Analysis – July 2016</li> <li>3. WRAP Multi-occupancy Property Trial – July to Dec 2016</li> </ol> <p>An education programme for schools is currently in development and will be delivered by existing staff resources.</p> | <p>Action ongoing</p>  |

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| <p>Following consultation with elected members in 14/15, build selected Waste Strategy proposals/options into 2015/16 budget proposals and ongoing move to 'New Council'.</p> | <p>Proposals associated with the Medium Term Financial Plan savings were approved by Cabinet in March 2016. Changes are currently being implemented and will continue to be rolled-out throughout 2016.</p> | <p>Action ongoing</p>  |
| <p>Produce final waste strategy document.</p>   | <p>The development of the waste strategy document is ongoing and will follow on from contractual discussions with the Council's Waste Disposal Contractor.</p>  | <p>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.</p> |

**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   |
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| 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.<br><br>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].  | Habitats Regulations Assessment completed for the Draft Local Plan (Nov 2015). An updated HRA will be produced for the Publication Local Plan later in 2016. | This is an ongoing action to help identify evidence the potential impacts of the Local Plan.                     |

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| <p>Complete the establishment of the Dewsbury Country Park (Diamond Wood) and develop sustainable apprentices/job opportunities within the park.</p>  | <p>Tree planting continued over winter 2015/16 with the more recently planted trees appearing to have taken well. The Forestry Commission (the funders of the tree planting) have expressed their satisfaction with the project.</p> <p>A funding bid submitted for natural play area for the site.</p> <p>The Country Park is not yet formally recognised – this is very much a long term aspiration as it requires significant investment in terms of visitor centre/toilet facilities before this can happen.</p> | <p>Action ongoing</p>   |
| <p>Identify and designate Local Wildlife and Local Geological Sites to inform the Local Plan</p>  | <p>Ongoing, with timetable to meet the Kirklees Local Plan requirements.</p>   | <p>Action ongoing</p>   |
| <p>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> | <p>YWLNP establishment completed.</p>  | <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</p> |
| <p>Identify and utilise opportunities within existing and planned programmes for Green Infrastructure in order to deliver an improved sense of Place.</p>   | <p>Instigated ‘Green Streets’ GI masterplanning process for Kirklees Smart Corridor programme.</p>   | <p>Action ongoing</p>   |

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| <p>Continue to explore and develop green infrastructure and woodland development opportunities with landowners in Kirklees as part of the White Rose Forest partnership and 'Trees for Yorkshire' initiative.</p> | <p>Wessenden valley pilot project underway and will result in a capital plan for natural flood management approach.</p> | <p>Action ongoing</p> |
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**John Atkinson, Environment Officer, Kirklees Council** [john.atkinson@kirklees.gov.uk](mailto:john.atkinson@kirklees.gov.uk)  
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