

**Background:** There are approximately 179,000 homes in Kirklees. The Council and it's ALMO Kirklees Neighbourhood Housing (KNH) have delivered a number of large housing programmes over the years (Warmzone, Sun Cities, Decent Homes) reducing carbon emissions in the district and improving the SAP rating of properties.

Over the last ten years around £40M of external funding has been drawn in to support energy efficiency and renewable energy schemes for private sector homes across Kirklees. 51,500 homes were insulated via the Kirklees Warm Zone and follow up programmes. As a result of a grant from DECC in 2010, 51 properties had Solar Photovoltaic systems installed as part of the Hillhouse Greening the Gap project.

Between 2009- 2012 the council improved 491 homes which benefitted from the Council Boiler Scrappage vouchers supporting installation of A grade boilers and 281 home owners took out council loans secured on their properties, to install renewable energy generating equipment under the Councils RE-Charge Scheme an investment of circa £3m across the district.

The following report covers work commencing, ongoing or completed in the Financial Years 2011-2013 Kirklees Council's Strategic Investment Service can be contacted for detail of earlier initiatives if required. Kirklees Council have applied DECC's Fuel Poverty Statistics for 2010 to support funding and develop initiatives, these statistics estimate that Kirklees has 18.9% fuel poor (or 320,509 households)

Action	Example	Timing
<b>i) Local Energy Efficiency Ambitions and Priorities</b>		
<b>Cabinet Approved Committed to Climate Local</b>	<b>Incorporates the Local Authority Fuel Poverty Commitment.</b> This action provides the council with a single, clear Nationally approved framework for delivering carbon reduction, a green economy and affordable warmth. See full Report detailing commitments and baselines published at <a href="http://www.kirklees.gov.uk/Secure/meetings/pdfs/1212/COUNCIL05121246985D.pdf">http://www.kirklees.gov.uk/Secure/meetings/pdfs/1212/COUNCIL05121246985D.pdf</a>	Cabinet Approved December 2012 - Reviewed Annually
<b>Affordable Warmth Strategy</b>	<b>Affordable Warmth Strategy</b> was developed in 2007 it has 4 focused areas: see <a href="http://www.kirklees.gov.uk/community/environment/energyconservation/AWStrategyDoc.pdf">http://www.kirklees.gov.uk/community/environment/energyconservation/AWStrategyDoc.pdf</a> The Strategy is co-ordinated around the Themes of Housing, Finance, Health and Awareness Raising Further information regarding latest actions is available at <a href="http://www.kirklees.gov.uk/community/environment/energyconservation/affordwarmth.shtml">http://www.kirklees.gov.uk/community/environment/energyconservation/affordwarmth.shtml</a>	Developed in 2007 and is reviewed annually to set the new priority plan. Reviewed Annually

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The Council's <b>ambitions for Affordable Warmth and Carbon reduction energy efficiency</b> have also been <b>integrated into other Council and Partnership Strategies</b> listed right	<b>Integrated Investment Strategy:-</b> <a href="http://www.kirklees.gov.uk/business/economicstatistics/KirkleesIntegratedInvestmentStrategy.pdf">http://www.kirklees.gov.uk/business/economicstatistics/KirkleesIntegratedInvestmentStrategy.pdf</a>	Published February 2012
	<b>Tackling Poverty Strategy:-</b> <a href="http://connect.kirklees.public-i.tv/document/13b_1.pdf">http://connect.kirklees.public-i.tv/document/13b_1.pdf</a>	Published 2012
	<b>Kirklees Joint Strategic Needs Assessment:-</b> <a href="http://www.kirklees.gov.uk/community/statistics/jsna/jsna.shtml">http://www.kirklees.gov.uk/community/statistics/jsna/jsna.shtml</a>	Third Review Published July 2011
	<b>Kirklees Strategic Housing Market Needs Assessment 2009:-</b> <a href="http://www.kirklees.gov.uk/business/planning/ldf/pdf/strategicHousingMarketAssessment2009.pdf">http://www.kirklees.gov.uk/business/planning/ldf/pdf/strategicHousingMarketAssessment2009.pdf</a>	Published 2010
<b>Local Development Framework Core Strategy -</b>	<b>Policy SCS6 of the LDF Core Strategy</b> which states; "Where an application for planning permission is required for extensions to residential properties smaller than 1,000 square metres proposals must incorporate measures to increase the energy efficiency of the host building by at least 30% unless this can be demonstrated to be unfeasible, inappropriate or to render the proposal unviable."	Core Strategy will be submitted to the Secretary of State April 2013.
<b>Kirklees Neighbourhood Housing (KNH) the Council's Housing ALMO</b>	<b>KNH Strategy to reduce carbon by 30% from a 2005 baseline and raise minimum SAP to 65 across all housing stock by 2020.</b> Investment to Date A total investment of £55.01m has been made in council housing since 2005/6. This can be broken down as follows: <ul style="list-style-type: none"> <li>• £38m Decent Homes (new heating systems, loft insulation upgrades, double glazing),</li> <li>• £13.1m traditional technologies (new boilers and insulation), and</li> <li>• £3.9m renewable energy</li> </ul> These figures include £4.26m of external funding, most of which was for renewable energy (£2.1m).	Between 2005/6 and 2011/12 there has been a 24% reduction in carbon emissions from council owned homes.
<b>ii) Measures we are taking to result in significant Energy Efficiency Improvements of our residential Accommodation both Public and Private Sector</b>		

Action	Example	Timing
<b>Green Deal and ECO -</b> <ul style="list-style-type: none"> <li>• <b>City Regional Deal</b></li> <li>• <b>KNH Proposals</b></li> <li>• <b>Kirklees Energy Saver Scheme (KESS) – A Green Deal 'Go Early' Demonstration Scheme</b></li> </ul>	<p><b>Leeds City Region:</b> The Leeds City Region has developed a Business Case for a Regionally based Green Deal with the aim of going out to tender during the Summer of 2013, and appointing a supplier by April 2014. As city-regional Partners Kirklees Council will work to ensure it's residents are able to benefit from this scheme and look to maximise the opportunity to lever external funding into the district from householder contributions and Energy Company Obligation funding.</p> <p><b>KNH</b> are investigating the opportunities of developing a strategic delivery mechanism with one or more Green Deal provider to maximise ECO funding and explore financing opportunities.</p> <p><b>Kirklees Energy Saver Scheme.</b> Kirklees Council were awarded a £718k grant from DECC to trial the methodology and principles of the governments Green Deal. The scheme offers householders a home energy survey to see whether energy reduction improvements can be made and how much money can be saved on fuel bills as a result. The scheme is Kirklees wide but limited to first come first served, the focus of the scheme is to test the appetite for the take up of the interest free loan to improve the thermal efficiency of the home to all whilst funding lasts. The total budget is anticipated to be circa £1.2m which includes both a council contribution and ECO funding. Measures include; Insulation (loft, cavity, internal and external, flat roof, under floor and hot water tank), draught proofing, central heating and controls, boilers, external doors and windows</p>	<p><b>City Regional Deal :</b> Aiming to have a contractor appointed by April 2014</p> <p><b>KNH work:</b> To be delivered during 2013/4</p> <p><b>KESS:</b> Opened January 2013 Closed to further expression of interest Feb 2013, due to high take up. Review and evaluation due before the end Financial year 2013-2014</p>
<b>Kirklees Insulation Scheme -</b>	Post Warm Zone mopping up scheme offering households who had not taken up cavity or loft insulation through Warm Zone these basic measures. Total spend £60k 222 households received Cavity wall and /or loft Insulation	2011-2013
<b>Kirklees Boiler Scrappage Scheme</b>	A scheme to replace G rated (or worse) boilers for private sector residents. It offered £400 vouchers towards the installation of an A rated boiler regardless of income on a 'first-come first-served' basis whilst funding was available; budget £200,000 over two years recipients 491 at scheme close. Kirklees Council spent £196,400 and estimate around £884,000 of additional spend by residents on their boiler replacements.	2011 - 2012

Action	Example	Timing
<b>Feed in Tariff related Schemes</b>	<p>KNH are Currently evaluating a PV pilot (67 properties) with a view to extending the scheme</p> <p><b>Hillhouse Greening the Gap</b> - re-investment of FIT income from 50+ private properties and 3 Community centres into further Energy Efficiency Improvements within LSOA Area Hillhouse</p>	<p>KNH 2013-14</p> <p><b>Hillhouse Greening the Gap</b> for the life of FIT income on PV installed or release of panels which ever is soonest. Ongoing until c. 2030</p>
<b>Renewable Heat Incentive</b>	KNH (the Council's Housing ALMO) are looking for funding options where the Renewable Heat Incentive RHI once finalised may be utilised on public owned domestic stock.	Ongoing
<b>Zero Carbon Homes / Low Carbon Refurbishment</b>	KNH are currently in the process of refurbishing a high rise block using Passivhaus principles. External funding for the programme has been secured from the European Regional Development Fund, which is to support the Council's investment.	Due to complete by March 2014
<b>Minimum Standards in the private rental sector</b>	Hillhouse Greening the Gap - A DECC funded FIT pilot rolled out in a Super Output Area of Kirklees Private Sector Landlords were required to sign an agreement to Join the Landlord accreditation scheme. It is felt however that improvements to privately rented stock can only be made by legislative means at a national level with corresponding funding to ensure proper enforcement. For more details see <a href="http://www.evaloc.org.uk/communities/kirklees">http://www.evaloc.org.uk/communities/kirklees</a>	Ongoing activity within the Council
<b>Excellent Homes for Life (EHL) New Build - Public Private Partnership</b>	Developed via government and private sector agreement EHL contracts were signed December 2011. Between then and the next financial year 466 new one and two bedroom flats will be built under the scheme. They include 35 specifically designed for people who need to use a wheelchair and 140 Extra Care homes for older people. All Homes are being delivered to verifiable environmental specifications reducing Energy and Water. For more detail see <a href="http://www.kirklees.gov.uk/community/housing/excellentHomes/homes.aspx">http://www.kirklees.gov.uk/community/housing/excellentHomes/homes.aspx</a>	Commenced 2011- Due to complete by 2014
<b>BIG Energy Upgrade:</b> Kirklees Council and KNH, in Partnership with 10 regional partners, Sheffield University and EDF Energy	The BIG Energy Upgrade project is supported financially by the European Union. It has attracted £7 million investment from the European Regional Development Fund as part of Europe's support for the region's economic development through the Yorkshire and Humber ERDF Programme. And EU funded regional initiative, adopted a whole house cross tenure approach which it is hoped to provide a model for future projects Energy efficiency measures for hard to treat homes in specific localities (eligibility in relation to deprivation of area). Total investment circa £3.1m, improvement to 551 homes across both the council and private sector stock	Commenced 2010 Completed in 2012.

Action	Example	Timing
<b>Improvements to Data Sets and Targets for Area Action</b>	<b>Affordable Warmth Database.</b> The council has continued to develop its affordable warmth database, bringing together all historical data from energy efficiency schemes led by the authority. The database is used to plan future projects and help identify areas of continuing need or where take-up has been historically low, the authority has also recently invested in district wide EPC data, to enable even more effective targeting of future work.	Affordable Warmth Data Base established 2009 updated annually last revision January 2013
<b>Kirklees Empty Clusters Programme.</b>	<p>The <b>'Kirklees Bringing Clusters of Empty Homes into Use'</b> project aims to bring empty properties (including commercial) in Dewsbury and Huddersfield town centres back into use. Department for Communities and Local Government funding of £2.8 million was secured by Kirklees Council in June 2012 and through 2013 and 2014 the project will help to deliver up to 125 units of residential accommodation.</p> <p>By turning empty properties into residential accommodation, the scheme will help to regenerate both town centres and increase the amount of accommodation in these areas. The project will deliver new accommodation in council owned and privately owned buildings and where possible the thermal comfort of these historic buildings will be improved through the conversion works.</p>	<p>Funding Secured 2012</p> <p>Completion date 2014</p>
<b>iii) Measures We Propose to Cost Effectively Deliver Energy Efficiency Improvements in Residential Accommodation by Using Area Based Street by Street Roll Out. Public and Private Sector</b>		
<b>Maximise external funding opportunities</b>	Potential delivery of further area based Energy Efficiency Schemes using the ECO and principals deployed through The Big Energy Upgrade/Kirklees Energy Saver scheme	2013 onwards
<b>Collective Switching</b>	Work Commenced with Community Energy Direct as part of a £46m initiative from the Department of Energy and Climate Change (DECC) to help reduce fuel poverty, increase energy efficiency and encourage communities to come together to collectively switch energy provider. See also <a href="http://www.communityenergy.info/home">http://www.communityenergy.info/home</a>	Ongoing Call for Expressions of Interest launched February 2013

Action	Example	Timing
<b>Further Improvements to Data Sets and Targets for Area Action</b>	<b>Energy Performance Certificate (EPC) Data</b> The council has recently purchased domestic EPC data for the entire authority area. This will complement the existing council affordable warmth datasets and provide an additional level of detail on a significant proportion of households in Kirklees. In particular, it is expected that this data will help inform and guide how the council develops its approach to the Green Deal and ECO funding. However, it is thought likely that a considerable amount of officer resource is likely to be required to link this EPC data with council geo-referenced data.	2013-14 This will be ongoing work in the foreseeable future.
<b>Leeds City Region - Green Deal</b>	<b>Leeds City Region:</b> The Leeds City Region has developed a Business Case for a Regionally based Green Deal with the aim of going out to tender during the Summer of 2013, and appointing a supplier by April 2014. As city-regional Partners Kirklees Council will work to ensure it's residents are able to benefit from this scheme and look to maximise. Preparation work has started looking at how the Council will prioritise areas to target with the offer of the LCR Green Deal	2014-2016

#### iv) Time Frame for Delivery and National and Local Partners.

**Time frames** for Delivery of Future Initiatives unless otherwise stated above vary dependent upon bids for funding and capacity to resource work in partnership.

**National and Local Partners** to Date include the below where such partners maybe taken as indicative of future Intentions:

**Affordable Warmth Strategy** including in put and support from: Voluntary Sector and Statutory organisations Age UK Calderdale and Kirklees, Citizens Advice Bureau, Primary Care Trust, Ambulance Service, WYFRS, Credit Unions

**Not for Profit Organisations** including: The Energy Savings Trust

**Private Sector Organisations** including those successfully awarded Tenders for works, various utilities providers

**Public Sector Organisations** including DECC, Local Authorities, Department of Work and Pensions.