



your council working for you

HECA Further Report for South Kesteven March 2013



South Kesteven District Council
STAMFORD • GRANTHAM • BOURNE • THE DEEPINGS

1. Introduction

This HECA report is submitted as a cohesive report covering the themes and information common to Lincolnshire and specific to South Kesteven. Our report has taken this format because all the local authorities in Lincolnshire work together as the Home Energy Lincs Partnership (HELP).



The Home Energy Lincs Partnership includes the seven district councils and the County Council, and consists of officers who are involved with the domestic energy efficiency and/or the wider climate change agenda. Working

together, the partnership allows us to offer a more consistent approach to delivering affordable warmth and domestic energy efficiency to Lincolnshire residents.

HELP focuses its attentions on schemes and projects that promote and improve domestic energy efficiency and co-ordinates its actions with the wider climate change agenda.

In 2009, HELP developed the **Lincolnshire Affordable Warmth Strategy 2010 – 2016** with stakeholders throughout the county. The Strategy seeks to support district councils to provide affordable warmth for all households by developing a program of actions and engaging a range of partners to eradicate fuel poverty and to support a reduction in carbon emissions from our housing stock. It is an essential part of the county's efforts to tackle the causes and effects of climate change.

Covering 5921 square kilometres, Lincolnshire is one of the largest counties in England. It is predominantly rural in nature and heavily reliant

upon agriculture, it has a variety of market towns, villages and hamlets with the City of Lincoln being the main urban centre.

Despite its size, the 2011 Census shows that Lincolnshire has a comparatively small population with its 713,700 residents forming 307,000 households. Some of county's districts are among the most sparsely populated in England and a disproportionate percentage of the population do not have access to mains gas.

Lincolnshire residents are in the main White British although parts of the county have seen a significant increase in Eastern European residents over recent years.

Administratively, Lincolnshire comprises of Lincolnshire County Council and seven district councils:

- Boston Borough Council
- City of Lincoln Council
- East Lindsey District Council
- North Kesteven District Council
- South Holland District Council
- South Kesteven District Council
- West Lindsey District Council

From April 2013 the Leicester and Lincolnshire Local Area Team will be responsible for commissioning General Practitioner (GP), pharmacy, dental and optical (eye) services within Lincolnshire. Four Clinical Commissioning Groups (groups of GPs) will manage about 80% of the total health budget for the county to buy services from hospitals, ambulance and community service providers with Public Health responsibilities (cancer screening programmes, weight loss programmes for children and adults, sexual health, safe drinking and immunisation programmes) transferring to Lincolnshire County Council.

2. South Kesteven

South Kesteven covers an area of 943 square kilometres making it the 31st largest in England with the administrative centre in Grantham and three further market towns of Stamford, Bourne and The Deepings. Two thirds of the population live in one of the four market towns and the remaining third live in one of the over 80 villages in the area.

There are approximately 133,788 people living in 57,344 households in the district with Grantham being the largest settlement. There are 142 people per square kilometre, this compares with an overall Lincolnshire Average of 121 people per square kilometre (2011 Census).

Between 2010 and 2011 the population has increased by 7.2% (9,010 people). This is lower than both the county rate of growth (10.4%) and the national rate (7.9%). However, the proportion of the population made up of older people (aged

65+) in South Kesteven has increased by 3% to 19%. The largest increase in the population is seen in the older age groups, with the 60-64 age group rising by 3,428 between 2001 and 2011.

South Kesteven owns and manages over 6,200 dwellings. These are a mix of houses, bungalows, maisonettes, flats and a number of schemes which promote independence for older and vulnerable people. There are also over 30 different registered housing providers operating in the district.

Our 2009 private sector house condition survey revealed that 'excess cold' was a particular issue in South Kesteven.

In setting out what we have done and propose to do to improve domestic energy efficiency throughout our district, we have used the template provided by the Department for Energy and Climate Change (DECC) as set out below.

ACTION		TIMING
i)	LOCAL ENERGY EFFICIENCY AMBITIONS AND PRIORITIES	
	<p>Lincolnshire</p> <p>The current housing stock in Lincolnshire is 307,000 across all tenures (Census 2011). The Private Sector House Condition Survey 2009 identified that private sector housing accounts for approximately 273,000 (88.9%).</p> <p>It is estimated that the following energy efficiency improvements are required in private sector housing:</p> <ul style="list-style-type: none"> • 96,100 properties require loft insulation • 61,500 require cavity wall insulation • 63,100 require new central heating or heating repairs • 27,300 require double glazing <p>Source: Private Sector House Condition Survey 2009 (Lincolnshire Councils) http://www.research-lincs.org.uk/UI/Documents/Lincolnshire%20County%20Final%20HCS%20Report%202009.pdf</p> <ul style="list-style-type: none"> • 65,700 (24.1%) of homes in Lincolnshire have a Category 1 hazard under the Housing Health and Safety Rating System. <p>The main hazard was "excess cold" (56.7% of all hazards).</p> <p>Source: Private Sector House Condition Survey 2009 (Lincolnshire Councils) http://www.research-lincs.org.uk/UI/Documents/Lincolnshire%20County%20Final%20HCS%20Report%202009.pdf</p>	

- 81,734 (26.6%) homes in Lincolnshire are solid walled
Source: <http://www.research-lincs.org.uk/LROPresentationTools/UI/Pages/MappingTool.aspx>
- 105,495 (34.4%) homes are considered to be off the gas network
Source: <http://www.research-lincs.org.uk/LROPresentationTools/UI/Pages/MappingTool.aspx>
- CO2 emissions for 2010 are estimated at 7.2t per capita, of which 2.3t is attributed to housing
Source: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/39803/6223-local-and-regional-co2-emissions-estimates-for-200.xls
- Fuel poverty was estimated to affect 138,500 (19.4%) of Lincolnshire residents in 2010
Source: <https://www.gov.uk/government/statistical-data-sets/fuel-poverty-2010-sub-regional-data>

In 2010 the Home Energy Lincs Partnership set up an insulation scheme which delivered 13,800 measures to 11,000 households by March 2012. This resulted in estimated annual CO2 emissions reductions of 10,000 tonnes and lifetime reductions of almost 350,000 tonnes.

In 2012 DECC identified 35 Lower Super Output areas (LSOAs) in the county as low income areas under the Carbon Saving Communities obligation of Green Deal. In addition there are a further 193 LSOAs classed as rural. Combined, these total almost 181,000 households, across all tenures.

Source: <http://neighbourhood.statistics.gov.uk/dissemination>

Lincolnshire Affordable Warmth Strategy 2010-2016. Affordable warmth and fuel poverty issues are a priority for Lincolnshire and South Kesteven. The Home Energy Lincs Partnership developed the Strategy which was approved by all the Districts in Lincolnshire.

The following themes were agreed as the priorities and have been developed into Action Plans:

Theme 1: Raising awareness of fuel poverty and its solutions

Theme 2: Targeting actions at fuel poor households

Theme 3: Improving the energy efficiency of all housing tenures

Theme 4: Maximising the income of households at risk from fuel poverty

Theme 5: Improving access to fuel services and renewable energy

Source: <http://www.research-lincs.org.uk/UI/Documents/Lincolnshire%20Affordable%20Warmth%20Strategy%202010%20-%202016.pdf>

Through their Green Deal and Affordable Warmth Practical Assistance Programme, National Energy Action are currently updating the Strategy to reflect recent changes in legislation and delivery mechanisms.

Joint Health and Wellbeing Strategy for Lincolnshire 2013-2018. One of the themes is 'Tackling the social determinants of health' with a priority to 'ensure that people have access to good quality, energy efficient housing that is both affordable and meets their needs'.

The action that Health and Well Being board will undertake to achieve this is:

- Work with the 'Home Energy Lincs Partnership' to deliver an affordable warmth strategy to address fuel poverty.

The Health and Well Being Board have recognised the importance of housing and the need to include it in the strategy. The board has stated it will fully support district councils and their partners in further developing the actions and measures required to deliver this aspect of the revised priority within the strategy.

Source: <http://www.lincolnshire.gov.uk/searchResults.aspx?qsearch=1&keywords=health+and+wellbeing+strategy>

2013-2018

Corporate Sustainability Action Network - CSAN

CSAN includes the seven district Lincolnshire councils and the county council and consists of officers who work on climate change and energy management agendas. Projects have included a joint procurement and tendering exercise on solar PV and Voltage Optimisation. Officers have agreed a joint protocol for their Greenhouse Gas Emissions (GHG) reporting and have benchmarked their GHG emissions. Each district council publishes their GHG emissions reports annually on their website.

Climate Local – Lincolnshire County Council signed up to Climate Local on 12th August 2012.

The Action Plan (currently being consulted on) will provide a strategic framework for joint action. It includes a commitment to:

- Work with partners to promote energy and resource efficiency, reduce fossil fuel energy dependency and alleviate fuel poverty (e.g. HELP)

South Kesteven

There are approximately 57,500 households in South Kesteven. According to the 2011 Census, the tenure in South Kesteven is broken down as follows:

All categories: Tenure	Owned: Owned outright	Owned: Owned with a mortgage or loan	Shared ownership (part owned and part rented)	Social rented: Rented from council (Local Authority)	Social rented: other	Private rented	Living rent free
Percentage of households	33.6%	35.8%	0.9%	10.4%	3.1%	14.6%	1.6%

84% (48,300) of the total housing stock is in the private sector. It is estimated that the following energy efficiency improvements are required in this tenure:

- 14,000 (29.0%) properties require loft insulation
- 10,600 (22.0%) require cavity wall insulation
- 11,500 (23.8%) require a new boiler or new central heating
- 5,200 (10.8%) require double glazing

Source: Private Sector House Condition Survey 2009 <http://www.southkesteven.gov.uk/index.aspx?articleid=1628>

- 11,700 (23.4%) private sector homes in South Kesteven have a Category 1 hazard under the Housing Health and Safety Rating System. The main hazard was "excess cold" (46.8% of all hazards).

Source: Private Sector House Condition Survey 2009 <http://www.southkesteven.gov.uk/index.aspx?articleid=1628>

- 37.6% of privately rented dwellings are in energy performance SAP bands as F & G. Source: Private Sector House Condition Survey 2009 <http://www.southkesteven.gov.uk/index.aspx?articleid=1628>

- CO2 emissions for 2010 are estimated at 8.3t per capita, of which 2.9t is attributed to housing.

Source: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/39803/6223-local-and-regional-co2-emissions-estimates-for-200.xls

- Fuel poverty was estimated to affect 16% of our residents in 2010

Source: http://www.decc.gov.uk/en/content/cms/statistics/fuelpov_stats/regional/regional.aspx

Between 2010 and 2012 the Home Energy Lincs Partnership, delivered 3983 insulation measures in 3331 households in South Kesteven.

There are 3 Lower Super Output areas (LSOAs) in the District which are low income areas under the Carbon Saving Communities Obligation (CSCo) and could benefit from the Green Deal and ECO. There are also a further 22 areas classed as rural with under 10,000 inhabitants who may also be able to benefit from the scheme depending on their financial circumstances.

ACTION		TIMING
ii)	MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMODATION	
Green Deal and ECO	<p>Through the Home Energy Lincs Partnership, we will undertake preparatory work to remove barriers to the Green Deal.</p> <ul style="list-style-type: none"> • We will promote Green Deal to our residents. • We will work with Green Deal Providers to ensure ECO is delivered to vulnerable households to improve energy efficiency and reduce fuel poverty levels in the county • We will work with our Planning teams to provide appropriate support for applicants <p>In South Kesteven we have successfully delivered the Community Energy Saving Programme to around 200 council and privately owned properties, and are now working with a Green Deal Provider to deliver energy saving measures in rural and off-gas council housing with opportunities being extended to privately owned properties in the same areas.</p>	2015
Feed in Tariff scheme	<p>In Lincolnshire since April 2010, there have been 6280 domestic PV installations and 47 domestic wind turbines registered for FiTs. (up to 31.12.2012) Source: https://ww31/12w.renewablesandchp.ofgem.gov.uk/</p> <p>Of these, 1238 of the PV installations and 6 of the domestic wind turbine installations have been in South Kesteven.</p> <p>South Kesteven has installed 163kW of Solar PVs to council owned commercial properties and we are now exploring how this may be expanded to include residential properties in the future.</p>	Ongoing
Minimum standards in private rented sector	<p>Lincolnshire</p> <p>We will continue working with local landlords to raise the standard of privately rented properties, by offering advice, information and where necessary by taking appropriate enforcement action through the Housing Health and Safety Rating System;</p> <p>We will promote Green Deal to landlords and encourage take up to ensure minimum energy efficiency standards are achieved prior to 2018;</p> <p>Working in partnership with the Lincolnshire Improving Homes Group, we will:</p> <ul style="list-style-type: none"> • continue running and promoting co-ordinated landlord forums supported by DASH (Decent and Safe Homes); • contribute to and actively promote the quarterly Lincolnshire Landlords Newsletter which is run by the District Councils to inform local landlords; Available from: http://partners.lincolnshire.gov.uk/LincolnshireLandlordsElectronicNewsletter/ • explore the possibility of developing a Lincolnshire-branded Landlord Accreditation scheme with DASH. We have previously promoted the East Midlands Landlord Accreditation scheme. • continue to seek out external funding streams which may assist with improvements to homes <p>South Kesteven</p> <p>We continue to offer Decent Homes Grants which are available to assist landlords who have vulnerable tenants in ensuring that properties in the private rented sector achieve the decent homes standard.</p>	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>

Standards in our Council stock	<p>In 2012 external wall insulation was fitted to 155 council properties in South Kesteven, and a project to fit external wall insulation to a further 60 rural properties is currently underway.</p> <p>We are fitting new gas boilers across the district and have completed some fuel switching in the rural areas to provide gas/lpg/air source heat pumps, with further projects planned for next year.</p> <p>Funding under ECO to fit external wall insulation to 700 properties – 350 in 2013/14 and 350 in 2014/15 has been secured.</p> <p>Our Asset Management Plan is currently being updated.</p>	<p>April 2013</p> <p>Ongoing</p> <p>2013-2015</p> <p>September 2013</p>																																
Energy Performance Certificates (EPC)	<p>Lincolnshire</p> <p>We are investigating establishing a stock condition database for all private sector housing in the county working with Lincolnshire Research Observatory (LRO) and Housing Intelligence for the East Midlands (HI4EM). The database will include energy efficiency data. Data from various source potentially including EPC data, may be purchased to populate the database</p> <p>Current mean SAP ratings for private sector properties in Lincolnshire are:</p> <ul style="list-style-type: none"> • Owner occupier: 52 (Band E) • Privately rented: 47 (Band E) <p>The spread of performance across the bands is shown below:</p> <table border="1" data-bbox="304 907 1326 1301"> <thead> <tr> <th>EPC SAP Range Banded</th> <th>Owner Occupied (%)</th> <th>Privately Rented (%)</th> <th>English House Condition Survey 2006 (%)</th> </tr> </thead> <tbody> <tr> <td>Band A (92-100)</td> <td>0.1</td> <td>0.0</td> <td><0.01</td> </tr> <tr> <td>Band B (81-91)</td> <td>0.1</td> <td>0.5</td> <td>0.1</td> </tr> <tr> <td>Band C (69-80)</td> <td>11.9</td> <td>9.6</td> <td>4.4</td> </tr> <tr> <td>Band D (55-68)</td> <td>37.9</td> <td>23.8</td> <td>26.7</td> </tr> <tr> <td>Band E (39-54)</td> <td>34.9</td> <td>37.8</td> <td>44.0</td> </tr> <tr> <td>Band F (21-38)</td> <td>11.1</td> <td>20.0</td> <td>20.0</td> </tr> <tr> <td>Band G (1-20)</td> <td>4.0</td> <td>8.3</td> <td>4.8</td> </tr> </tbody> </table> <p>Source: Private Sector Housing Condition Survey 2009 Lincolnshire Councils http://www.research-lincs.org.uk/UI/Documents/Lincolnshire%20County%20Final%20HCS%20Report%202009.pdf</p>	EPC SAP Range Banded	Owner Occupied (%)	Privately Rented (%)	English House Condition Survey 2006 (%)	Band A (92-100)	0.1	0.0	<0.01	Band B (81-91)	0.1	0.5	0.1	Band C (69-80)	11.9	9.6	4.4	Band D (55-68)	37.9	23.8	26.7	Band E (39-54)	34.9	37.8	44.0	Band F (21-38)	11.1	20.0	20.0	Band G (1-20)	4.0	8.3	4.8	<p>End 2013</p> <p>Ongoing</p>
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In support of Trading Standards, we will continue working with private landlords, through the forums and newsletter to ensure they are aware of the requirement to provide EPC's to tenants and the proposals in the Energy Act 2011 which require all privately rented dwellings to have a minimum energy efficiency rating by April 2018, which is likely to be set at EPC rating "E".

South Kesteven

Current mean SAP ratings for private sector properties in South Kesteven are:

- Owner occupier: 54 (Band E)
- Privately rented: 43 (Band E)

The spread of performance across the bands is shown below:

EPC SAP Range Banded	Owner Occupied (%)	Privately Rented (%)	English House Condition Survey 2006 (%)
Band A (92-100)	<0.01	<0.01	<0.01
Band B (81-91)	0.2	0.6	0.1
Band C (69-80)	12.1	5.9	4.4
Band D (55-68)	46.0	17.7	26.7
Band E (39-54)	30.4	38.2	44.0
Band F (21-38)	7.3	28.3	20.0
Band G (1-20)	4.0	9.3	4.8

Source: Private Sector Housing Condition Survey 2009 <http://www.southkesteven.gov.uk/index.aspx?articleid=1628>

We will continue to promote the importance of obtaining and considering the contents of the EPC to prospective tenants as it can provide them with estimates of heating costs which may impact on their ability to adequately heat their home.

Lincolnshire

HELP works in partnership with Responders to Warmth (R2W) in Lincolnshire. R2W is funded by Department of Health - Warm Homes Healthy People fund and is in its second year. The scheme currently offers energy efficiency advice, insulation and heating measures. R2W has developed links with Green Deal providers to deliver measures within Lincolnshire. <http://www.responderstowarmth.co.uk/>

End 2013

HELP works with Community Lincs to promote their bulk buying oil scheme to those residents in off gas areas of the county. <http://www.communitylincs.com/bulk-oil-buying-scheme/>

Ongoing

The Lincolnshire Councils receive referrals for advice on energy efficiency and home repairs through First Contact, a service designed to enable people aged 60 and over, who live in Lincolnshire, to access important information and services. As appropriate, onward referrals are made to money advice services, debt advice services, voluntary and community sector organisations who are running schemes (e.g. R2W, Community Lincs oil buying, etc). <http://www.firstcontact.org.uk/>

Ongoing

South Kesteven

We continue to work with owners of empty properties to bring them back into use. We offer a grant to owners wishing to upgrade their property to decent homes standard and bring it back into use through the private rental market at an affordable rent.

Ongoing

We continue to provide Decent Homes Grants to vulnerable occupiers in the private sector to ensure that homes are safe and healthy and meet a decent standard.

Ongoing

ACTION		TIMING
iii)	MEASURES WE PROPOSE TO COST EFFECTIVELY DELIVER ENERGY EFFICIENCY IMPROVEMENTS IN RESIDENTIAL ACCOMODATION BY USING AREA BASED/ STREET BY STREET ROLL-OUT	
	<p>The Home Energy Lincs Partnership will work with NEA on the development of a wider strategic framework which would involve work with key stakeholders to generate a series of recommendations to help deliver our affordable warmth objectives within the new context of the Green Deal and ECO.</p> <p>The Home Energy Lincs Partnership will investigate establishing a stock condition database for all private sector housing in the county, which will include energy efficiency data. This data will be used to help to target the areas where fuel poverty is highest and where there is the highest density of households eligible for ECO funding.</p> <p>The Home Energy Lincs Partnership will investigate developing a framework agreement with Green Deal Providers</p> <p>The Home Energy Lincs Partnership will investigate targeting Carbon Saving Community obligation (CSCo) areas. In Lincolnshire, there are 35 Lower Super Output Areas (LSOAs) identified within Lincolnshire as low income and a further 193 classed as rural.</p> <p>In South Kesteven there are 3 LSOAs identified as low income and 22 classed as rural. Work is already commencing on hard to treat council owned homes in rural areas through ECO, with owner occupiers/ privately rented occupiers on the same streets being encouraged to participate as part of a street-by-street approach and to take full advantage of available ECO measures.</p>	<p>2013</p> <p>End 2013</p> <p>2013</p> <p>2013</p> <p>By end 2015</p>
iv)	NATIONAL AND LOCAL PARTNERS	
	<p>The Home Energy Lincs Partnership will continue to explore delivery mechanisms for Green Deal in Lincolnshire, particularly for ECO and Carbon Saving Community.</p> <p>Our other local partners include</p> <ul style="list-style-type: none"> • Age UK • Citizens Advice Bureau • Community Lincs • Lincolnshire Community Foundation • National Energy Action • Sustain Lincolnshire 	



Signed by Strategic Director Tracey Blackwell on behalf of
South Kesteven District Council Chief Executive Beverly Agass

