



Lincolnshire County Council Climate Local Annual Review 2015

Climate Local is a joint Government/LGA initiative to drive, inspire and support council action on climate change. It aims to support councils in reducing their carbon emissions, and increasing their resilience to the effects of climate change. Climate Local is the successor of the Nottingham Declaration on Climate Change. Almost 100 local authorities have signed up to Climate Local. Lincolnshire County Council signed the commitment in 2012.

Our action plan is structured using 6 overarching outcomes¹:

- Increased local resilience to the changing climate through developing community resilience plans, awareness raising and training
- A thriving low-carbon sector and further investment attracted to support low carbon growth and green jobs
- An accessible Lincolnshire with a low carbon transport system
- Carbon emissions tackled and energy reduced in our own activities, and working with other organisations, communities and individuals to do so
- Working with partners to promote energy and resource efficiency, reduce energy dependency and alleviate fuel poverty
- Reducing waste to landfill through increased recycling, waste minimisation awareness raising and campaigns, and Energy from Waste

In 2014, an action plan was published to demonstrate the commitment of Lincolnshire County Council to both reducing its carbon footprint, and adapting to the ever more severe and frequent effects of climate change on our communities.

This annual review demonstrates LCC's continued commitment to these objectives. Activity has progressed under all six overarching commitments, and stakeholders have provided updates with details of progress. Furthermore, in some areas new projects are being developed which improve our resilience to the effects of climate change and reduce our carbon footprint and these have been added.

¹ It is important to note that some specific actions that appear under these commitment headings may be relevant to demonstrating other commitments; there is likely to be overlap in some themes. Therefore, these commitments should not be considered in isolation.

Examples of progress include:

- Continued implementation of Flood Risk and Drainage Management Strategy and community resilience initiatives
- Successful completion of Sustain project, exceeding targets
- Increases in train service and patronage; increases in bus and cycle usage and completion of private sector travel plans in LN6 project area
- Delivery of the Areas of Outstanding Natural Beauty Management Plan is ahead of schedule
- 6.2% reduction in Council carbon emissions 2014/5
- Lincolnshire Energy Switching scheme savings accrued by householders for all switches to date is over £600,000; an average of over £200 annual savings per household
- The Energy from Waste plant creates enough electricity to power over 19,700 homes and first two stages of heat study are completed

We will commit to monitoring our performance against these actions and reporting annually on progress. We will also annually refresh this list of actions to ensure they are up-to-date and reflect local priorities.

1. Commitment: Increasing local resilience to the changing climate through developing community resilience plans, awareness raising and training

Specific actions	Measure	Timescale	Update 2016
Embed climate risk assessment and adaptation planning into LCC service delivery	- % of actions in LCC's Draft Adaptation Action Plan completed	April 2017	- Roll out of the climate Change risk assessment 2016
Deliver initiatives outlined in the Natural Environment Strategy to ensure an increase in biodiversity, a natural environment that is resilient to climate change, and residents better understand the environment.	- Lincolnshire Wolds AONB Management Plan delivered - Implemented the Lincolnshire Biodiversity Action Plan and progress monitored robustly	2013-2020	- Delivery of AONB Management Plan is on schedule. - Delivery of LBAP is on track as part of Greater Lincolnshire Nature Partnership's Nature Strategy.
Deliver initiatives outlined in the Flood Risk and Drainage Management Strategy to ensure that flood impacts and risks are reduced, flood risk management services meet local needs, and communities are better able to protect themselves.	- Partnership Communications and Engagement Strategy established - Shoreline Management Plan implemented	Annually	- The EA have been tasked by emergency planning to do more engagement with the local community. The coastal awareness campaign is not being undertaken this year. - The EA are still working on a long term plan for Saltfleet to Gibraltar point - Local prioritisation criteria for local flood risk schemes are still being developed, including carbon reduction score.
Lincolnshire Resilience Forum will increase overall community resilience and flood awareness training and guidance for the residents of Lincolnshire. Lincolnshire County Council Emergency Planning & Business Continuity Unit together with its partners under the umbrella of the	- 90% of people recognise the risk of coastal flooding - 80% of people at risk registered for FWD - 60% of individuals have a flood plan - 100% of highest risk communities have community	Ongoing	- The coastal campaign continues each October to March coinciding with the winter storm season promoting flood risk and awareness on the coastal strip of the county going a stage further by calling on residents to make a call (register for the Environment Agency FloodLine service), make a plan (personal flood plan for the householder and family to follow in times of flood).

<p>Lincolnshire Resilience Forum will increase overall awareness of the impact of flooding/emergency as part of the ever changing climatic conditions we face today. Communities, schools and SME's will be encouraged to develop simple and effective community emergency plans, schools critical incident plans and SME's business continuity plans in order they can mitigate the effects of a crisis and recover to a new state of normality as quickly as possible.</p>	<p>emergency & flood plans</p> <ul style="list-style-type: none"> - 90% of people recognise the risk of coastal flooding and know what to do if it were to occur - 25% of communities seen as most at risk from all forms of flooding will have robust, tested community emergency planning groups and plans in place - 90% of people living on the coast will have a greater understanding on how to use the designated evacuation routes 		<ul style="list-style-type: none"> - East coast Evacuation routes have now been formally marked out along the coast allowing for efficient and affective mass evacuation in the event of a Storm surge and potential breach to our sea defences. Signage has been distributed along 13 different routes in all 3 coastal districts; all have received publicity. - It remains that 90% of people living along the coast of Lincolnshire should know the risks and then know what to do should these occur however we are still not confident that this figure has been achieved which is why work continues - Although 80% of residents along the coastal strip were reported to be signed up to FWD this figure has dropped significantly due to many factors which is why this area of work is now being redeveloped to understand why this cannot be maintained - Community emergency planning groups and plans continue to be developed and encouraged throughout Lincolnshire – a further 154 communities have been identified as being at risk from all forms of flooding (rivers and seas, surface water, ground water). Targets have been set to engage with, encourage and support the development of at least 25% of these communities to have fully functioning community emergency planning groups and plans. This target is currently on target and will be achieved by the end of January 2017.
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2. Commitment: Build a thriving low-carbon sector and attract further investment to support low carbon growth and green jobs

Specific action(s)	Measure	Timescale	Update 2016
Achieve the objectives of the Sustain Lincolnshire phase 2 programme.	<ul style="list-style-type: none"> - 46 businesses improving their performance - 18 businesses engaged in new collaborations - £500,000 Gross Value Added 	2015	<ul style="list-style-type: none"> - The project is now complete and a full evaluation is due shortly. Provisional figures are as follows: - 110 businesses received 12hrs+ of support with 52 business improving their performance - £343,062 Gross Value Added - £1,587,490 of investment secured
Complete the building of the 'CaNeBuZo' carbon Neutral Business Zone and fill the units with local businesses. Ensure other buildings in the county are upgraded to improve energy efficiency and increase renewable energy production.	<ul style="list-style-type: none"> - Businesses occupying every business unit at the CaNeBuZo site - Gibraltar Point Visitor Centre is being refurbished, with solar panels and heat recovery systems. 	2014 2015	<ul style="list-style-type: none"> - A total of six out of the seven units are now let to local businesses. - An electric car charging point has been installed at the site. - Skegness Business Centre energy efficiency scheme completed
Ensure the Structural and Investment Funds allocations within the ERDF and the European Agricultural Fund for Rural Development meet the thematic objectives, including low carbon, protecting the environment & promoting resource efficiency, and promoting sustainable transport, as well as building sustainable communities.	<ul style="list-style-type: none"> - Allocation of funds to projects that meet thematic objectives relating to reducing carbon emissions and increasing community resilience. 	2014 - 2020	<p>Funding has been allocated under 3 themes:</p> <ul style="list-style-type: none"> - Supporting the shift towards a low carbon economy in all sectors (£16,656,000) - Promoting climate change adaptation, risk prevention and management (£5,527,000) - Preserving and protecting the environment and promoting resource efficiency (£4,804,000)

			<p>No contracts have been awarded to date. Projects that have been submitted to date are subject to a rigorous appraisal process before funding can be allocated.</p> <p>Work is ongoing with GLLEP on developing low carbon projects</p>
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3. Commitment: Create an accessible Lincolnshire with a low carbon transport system

Specific action(s)	Measure	Timescale	Update 2016
Ensure that the Local Transport Plan (LTP) continues to provide an overarching outline of transport initiatives and policy across the council	<ul style="list-style-type: none"> - 4th LTP published April 2013- to be kept under review - 5th LTP developed in 2022/23 	2022-23	<ul style="list-style-type: none"> - Uncertainties around funding have led to the indefinite postponement of the implementation plan. - Schemes to encourage movement by sustainable modes of travel continue to be pursued as funding permits.
Ensure the Lincs2Work Travel Plan targets are met- <ul style="list-style-type: none"> - Increase LCC staff use of sustainable modes of transport - Ensure all staff are aware of their sustainable travel options - Reduce the County Council's business mileage 	<ul style="list-style-type: none"> - Reduction in number of employees who drive to work alone from 44% to 38% - Increase LCC staff public transport usage from 5% to 7% - Increase in number of employees who cycle to work from 8% to 10% - Increase car sharing from 5% of employees to 8% - Decrease total LCC business mileage by 1% 	2015	<ul style="list-style-type: none"> - Staff survey deferred until March 2016 due to workplace moves - Figures for staff modes of travel use will be available in May 2016. - Events were held in 2015 to encourage sustainable travel to work. Workplace Challenge in January, Lincs Cycle Challenge in June and a bicycle maintenance clinic World Environment Day in October. - The car share scheme in operation at County Offices is fully subscribed. - Pool bikes are available at County Offices, Crown House and Witham Park House.
Continue to successfully deliver the Access LN6 project, removing barriers to residents and members of staff in local businesses travelling sustainably in the LN6 area of Lincoln.	<ul style="list-style-type: none"> - Increased train, bus and cycle usage - Reduced traffic congestion in the LN6 area - Behaviour shifts in local businesses and schools 	March 2015	Access LN6 project came to a close in March 2015; Access Lincoln started in April 2015 as a legacy project Access LN6 outcomes included <ul style="list-style-type: none"> - In February 2015, train patronage had increased by 144% over the 2009/10

			<p>baseline.</p> <ul style="list-style-type: none"> - Train services have increased with an additional 14 services per day to and from Lincoln, all of which now stop at Hykeham station - Cycle trips have increased by an average of 39.1% over 3 main routes, with trips along Station Road increasing by 77.3% over the baseline. - Bus patronage on the 44/44a, a service expanded by Access LN6, increased by an average of 17%, or an extra 7000 people, per calendar month over the 2011/12 baseline - 90 travel plans completed by March 2015
As a result of the Superfast Broadband rollout, Lincolnshire will be 'greener' and more sustainable, with reduced need to travel through the growth of more flexible working patterns, greater take-up of 'online' service, and exchange of information.	<ul style="list-style-type: none"> - Reduction in Lincolnshire's carbon emissions - Help the county meet the challenging targets set in the recent 4th Carbon Budget. 	Summer 2016	<ul style="list-style-type: none"> - The project has now provided faster broadband capability to 147K premises and is on schedule to complete by 31st March 2016 - Average download speed still exceed anticipated - A second phase of the programme (Phase 2) will commence in January 2016 where we will attempt to meet the second Government objective of 95% Superfast coverage across the county
The Access Lincs project will continue to provide support and funding for initiatives that enable members of staff to travel sustainably to work.	<ul style="list-style-type: none"> - Engage with 10 Tier 1 businesses and 30 Tier 2 businesses 	March 2014	Access Lincoln ceased working with new businesses from March 2015.

4. Commitment: Tackling carbon emissions and energy reductions in our own activities, and working with other organisations, communities and individuals to do so.

Specific action	Measure	Timescale	Update 2016
Ensure Traffic signal and street lighting improvements are made.	Reduction in energy consumption and costs	2017	- Approximately £6.5M has been allocated for street lighting upgrades; that start from April 2016
Ensure LCC achieves its target of reducing its carbon emissions by 22% by 2018 through: <ul style="list-style-type: none"> - Continuing to deliver energy efficiency savings through the Salix revolving fund of £1 million. - Ensuring the success of the SCoRE programme (Behaviour change; boiler optimisation & boiler room insulation; revolving fund investment) - Providing support to the SAGE network of green workplace volunteers - Ensuring that carbon management becomes an organisational priority in its decision making - Implementing a new data storage solution - Implementing boiler optimisation in LCC property where appropriate - Upgrading lighting in LCC property - Property rationalisation 	- All money returned to Salix fund to be re-allocated each year	Ongoing	- £1,753,487 spend to date, giving an annual saving of 1865 tonnes of CO2 and reduction in consumption of £364,600
	- Recruit and engage with 90 schools per year	August 2016	<ul style="list-style-type: none"> - Over 200 schools have now been engaged with the SCoRE programme - 2016 is due to be the final year for SCoRE phase 1 - Discussions are ongoing regarding funding for a phase 2 programme. - The scheme has won various awards (Green Apple Award, Ashden Award, Public Sector Sustainability and shortlisted for the 2016 Local Government Chronicle awards).
	- Increased number of proactive SAGE volunteers	Ongoing	- Due to budget reductions and staffing changes the SAGE scheme has been inactive over the last year.
	- Include the carbon reduction target in LCC's Business Plan,	Ongoing	- Quarterly reporting in Council Business Plan indicator on Carbon Management

	other high level strategies and key policies		Plan progress - 2014/15 energy consumption has been reduced by 6.2%
	- Energy consumption and costs integrated into property occupancy decisions	Ongoing	- Energy audits for Keily House completed; programmed for Lancaster House, Newland, Orchard House.

5. Commitment: Work with partners to promote energy and resource efficiency, reduce energy dependency and alleviate fuel poverty

Specific action(s)	Measure	Timescale	Update 2016
<p>In partnership with Districts, implement Lincolnshire's Affordable Warmth Strategy, under the following headings:</p> <ol style="list-style-type: none"> 1. Raising awareness of fuel poverty and its solutions 2. Targeting actions at fuel poor households 3. Improving the energy efficiency of all housing tenures 4. Maximising the income of households at risk from fuel poverty 5. Improving access to fuel services and renewable energy 	<ul style="list-style-type: none"> - The Affordable Warmth Strategy includes specific measures and actions to complete. 	December 2016	<ul style="list-style-type: none"> - Affordable Warmth Strategy is being re-written during 2016 to incorporate the Fuel Poverty Action Plan.
<p>Actions from the Fuel Poverty Action Plan include:</p> <ul style="list-style-type: none"> - Trading Standards projects to raise awareness of EPCs - Continue to deliver an accreditation scheme for private landlords across the county. - Develop an enhanced housing conditions database to target domestic energy efficiency opportunities - Implement the collective switching scheme - Continue to support Responders to 	<ul style="list-style-type: none"> - Officers to raise awareness of EPCs among landlords and tenants - Promote the Lincolnshire landlord accreditation scheme - Stock modelling exercise commissioned 	Ongoing	<ul style="list-style-type: none"> - Lincolnshire Central Heating Fund scheme is being developed with grant from DECC to provide first time installation of central heating for around 180 fuel poor households. - Funding from Lincolnshire County Council and the Lincolnshire Community Foundation enabled Responders to Warmth to continue as a Community Interest Company. - Enhancement of the stock modelling

Warmth			<p>exercise to incorporate Energy Performance Certificate (EPC) data is ongoing in partnership with the BRE (Building Research Establishment). Bulk EPC data is to be purchased through DCLG.</p> <ul style="list-style-type: none"> - Discussions on domestic EPC enforcement between Trading Standards and district councils have been ongoing. - DASH Services is commissioned by district councils to deliver a landlord accreditation scheme. - The collective energy switching scheme is to be recommissioned following the end of the Local Government Association (LGA) framework.
Develop a County Energy Policy that seeks to increase energy security and maximise benefits to the local economy, whilst minimising impacts	- Adopted	January 2017	- Work will be ongoing throughout 2016 to meet this aim.

6. Commitment: Reducing waste to landfill through increased recycling, waste minimisation awareness raising and campaigns, and Energy from Waste

Specific action(s)	Measure	Timescale	Update 2016
<p>Work with other members of the Lincolnshire Waste Partnership to update the Joint Municipal Waste Management Strategy (JMWMS) including assessment of carbon impacts, and waste minimisation through education and related schemes such as Real Nappy Campaign, Recycling/Reuse credits, Composting bins</p>	<ul style="list-style-type: none"> - JMWMS completed 	<p>2014</p>	<ul style="list-style-type: none"> - Production of the JMWMS is likely to be a commissioning role in the future and could start later this year depending upon resource availability. - Real nappies and recycling credits are being cut or stopped as budget savings - Composters are currently still available
<p>Generate electricity from Energy from Waste and seek to exploit opportunity for renewable heat</p>	<ul style="list-style-type: none"> - Amount of electricity and heat generated annually 	<p>Annually reported</p>	<ul style="list-style-type: none"> - The EFW generated 81013MWh of electricity, which based on 2014 average household consumption is roughly 19,700 homes. - Stages 1 and 2 of the district heat network investigations have been carried out. It is expected that stage 3 will be in summer 2016 and will complete by December 2016.

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