

STRONGER ECONOMY,
STRONGER COMMUNITIES:

A VISION OF A
LOW CARBON FUTURE
FOR NORTH EAST
LINCOLNSHIRE



DRAGONGATE



NORTH
EAST
LINCOLNSHIRE
COUNCIL

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DELIVERING A LOW CARBON FUTURE FOR NORTH EAST LINCOLNSHIRE

The emergence and rapid growth of the Humber renewables sector and the profile this is bringing to the region indicates this will be one of the most important future drivers of economic growth for the region – with the potential to create well paid jobs, offer stable employment prospects, increase prosperity and enhance the quality of life of residents across the Humber region, including North East Lincolnshire.

Grimsby is in close proximity to the world's largest development of off-shore wind farms off the Lincolnshire coast in the North Sea. This proximity has already led to significant investment from operations and maintenance providers, major manufacturers and component suppliers. A number of the world's largest players in offshore wind, including DONG Energy UK, Centrica, Siemens and E-on, have already based their teams in Grimsby. Others are also expressing interest in investing the area. North East Lincolnshire now has the opportunity to further capitalise on this potential and sustain the momentum of investment by the energy and renewables sector and deliver even wider benefits for the local community. However, significant investment in energy and low carbon infrastructure is required, if North East Lincolnshire is to capitalise fully on these growth opportunities. There are also emerging investment opportunities around low carbon technology, skills, infrastructure and housing.

North East Lincolnshire Council has set out its vision of a low carbon future for North East Lincolnshire and its ambition for the area to become the UK's leading region for low-carbon energy and the UK capital of the renewable energy industry¹. To realise its vision, the Council is focussing on three pivotal themes, namely developing a strategy that fully embraces opportunities around assets, investment and place; aligning skills with employer needs; and ensuring that economic and social benefits arising from the growth in renewables are realised locally, to deliver a stronger economy and stronger communities.

The Council is actively exploring new ways of engagement, cooperation and collaboration to develop innovative new ideas and secure the support and resources necessary to realise its vision and ambitions. It believes there is a broad range of partners and stakeholders who have an important role to play in supporting, enabling and delivering on its energy agenda, including:

- Business, investors, renewables sector, research & development
- Central government, public sector partners and third sector
- Communities, families and people

¹ Energy – An Emerging Vision for North East Lincolnshire (2016), North East Lincolnshire Council

NORTH EAST LINCOLNSHIRE TODAY

A transformation is currently taking place in North East Lincolnshire's economy. The area's traditional industrial base of fishing, chemicals and tourism faced considerable challenges in the last few decades. As a consequence, parts of the local region are suffering from economic and social deprivation with pockets of fuel poverty. However, the area has responded resolutely to these challenges with a new industrial base emerging that has a huge array of successful businesses within a variety of sectors.

Today, the seafood and fishing industry has re-invented itself as a multi-billion-pound food and seafood processing cluster, centred on Grimsby, now known as Europe's 'Food Town', which is home to approximately 70% of all fish processing companies in the UK. Major investments in the ports of Immingham and Grimsby have transformed them into two of the best deep water ports in the UK and the largest ports by tonnage in the country, which facilitate considerable import trades and provide the capacity to handle major development projects.

Most importantly, North East Lincolnshire has a burgeoning renewables sector, largely servicing the offshore wind industry, as well as becoming an expanding hub of renewable energy – both offshore and onshore. Grimsby already generates more electricity from solar, wind, biomass and landfill gas than any other town or city in England² This has already led to significant investment in the area by many of the world's leading companies within the renewables sector servicing the offshore wind industry, bringing thousands of new jobs and creating "new hope" in the area.

VISION AND AMBITION

Energy is a key priority for North East Lincolnshire Council. It is committed to taking action to make the shift towards lower-carbon fuels and to use energy more efficiently. In doing so, the Council believes that North East Lincolnshire can become less reliant on traditional sources of energy, help generate greater energy resilience and improve business competitiveness, thereby making the area attractive to potential investors. By lowering the energy cost burden, this will also help tackle fuel poverty and ensure greater access to affordable warmth.

The Council has set out its vision and ambitions for a low carbon future of North East Lincolnshire, which will deliver a stronger economy and stronger communities:

- By 2032, North East Lincolnshire will have cut greenhouse gas emissions by 57% and be nationally and internationally recognised as the UK's leading region for low-carbon energy and the UK capital of the renewable energy industry.
- North East Lincolnshire will have demonstrated a range of low-carbon, high-efficiency, renewable solutions to regenerate the region. This will deliver strategic and economic advantages for its businesses and affordable heat and power for its communities.
- The region's energy programme will have enough impetus that by 2050 North East Lincolnshire will not only be able to achieve its 80% carbon reduction target but will also be able to declare itself carbon neutral.

² <http://www.independent.co.uk/environment/climate-change/grimsby-generating-more-electricity-from-renewables-than-anywhere-else-in-england-a6858291.html>

BECOMING THE UK **CAPITAL** OF THE **RENEWABLE ENERGY** **INDUSTRY**

To achieve its ambition to be the UK capital of the renewable energy industry³, North East Lincolnshire Council has set out the following goals for the area:

- To become a renowned centre of excellence and be at the forefront of the UK renewables industry.
- To establish world class learning, training and research facilities for the energy and renewables sector.
- To build a highly-skilled economy based on advanced energy technologies, upskilling the local workforce, attracting well paid jobs and offering stable employment prospects for local people.

North East Lincolnshire is well placed to be at the forefront of the offshore and onshore renewables industry in the UK. This has the potential to act as a key driver of future economic growth in the Borough. The Council aims to capitalise on these opportunities and ensure the benefits are enjoyed by all by establishing the area as a renowned centre of excellence for the renewables sector. This will serve to raise the profile of the area, enhance its reputation, attract new investment, promote business growth and innovation and create many new and better jobs. It will also provide wider economic and social benefits, including building stronger, more thriving communities and tackle high incidences of fuel poverty.

Offshore Renewables

Over £110 billion is forecast to be invested in UK offshore wind farms by 2023. With only 20% of offshore wind farms constructed so far in the Southern North Sea, there is a significant amount of investment still to be made in the area. North East Lincolnshire is in a strong position to benefit from future investment in developing, operating and servicing these wind farms.

The Port of Grimsby, being the closest operating port to many of the windfarm developments in the North Sea has been able to capitalise on its specific locational advantages over other estuary ports and its strong maritime heritage. As a result, investment has already been attracted to develop its dockside facilities as a focal point to serve the Operation and Maintenance (O&M) activities for the growing offshore windfarms. DONG Energy UK, Centrica, Siemens and E-on have all based their teams in Grimsby and created a supply chain of major manufacturers and component suppliers, support services and vessels.

Onshore Renewables

North East Lincolnshire is also well placed to lead the way in developing onshore renewable energy by exploiting a range of locational advantages and its access to biomass, solar and geothermal energy supplies. The signs are already encouraging. Significant investment has already made in onshore renewable energy. Phillips 66 operates the Immingham Combined Heat and Power (CHP) plant, one of the greenest power stations in the world. Bioenergy and biomass companies have also invested in the area, including Greenergy; Total; Vireol; and Helius/RWE Innogy.

BECOMING THE UK'S **LEADING** **REGION FOR LOW-CARBON** **ENERGY**

To achieve its ambition for North East Lincolnshire to be nationally and internationally recognised as the UK's leading region for low-carbon energy⁴, the Council has set the following goals for the area:

- To create a low-carbon, low-cost, high-efficiency environment and give local business a competitive advantage.
- To secure a reliable, sustainable supply of heat and power and ensure that it becomes less reliant on traditional sources of energy and more self-sufficient, thereby providing greater certainty and security of supply.
- To enable cultural and behavioural change across its local communities that will measurably reduce carbon emissions and deliver community-based solutions that actively engage residents in reducing carbon emissions and providing affordable energy, helping to eliminate fuel poverty.
- To protect people's health by reducing waste, reducing pollution and improving air quality.
- To deliver sustainable, low carbon transport solutions across North East Lincolnshire.

Creating a Low-Carbon, Low-Cost, High-Efficiency Environment

North East Lincolnshire Council is committed to taking decisive action with a wide range of partners to ensure the area makes the shift towards lower-carbon fuels and using energy more efficiently, which will enable the area to become less reliant on traditional sources of energy.

The Council is working with investors and developers on a wide range of development schemes, including new homes that combine energy efficient technologies and renewable energy, to reduce radically the demand for energy from the grid. This will help generate greater energy resilience and improve business competitiveness. By lowering the cost burden on households, this will also help address fuel poverty and ensure greater access to affordable warmth.

North East Lincolnshire Council is also working with its strategic partners to create the right environment where significant investment can be attracted to provide the infrastructure that will deliver a secure, low-cost, low carbon, sustainable heat supply for residents and businesses in the future.

⁴ Energy – An Emerging Vision for North East Lincolnshire (2016), North East Lincolnshire Council

Securing a Reliable, Sustainable Supply of Heat and Power

Securing a reliable, sustainable supply of heat and power for North East Lincolnshire will help the area become less reliant on traditional sources of energy and more self-sufficient, providing greater certainty and security of supply. It will also ensure that North East Lincolnshire remains a great place to live, work and visit.

The future supply of heat and power for North East Lincolnshire will come from a mix of reliable and sustainable sources. Large scale offshore marine energy will be generated from the massive wind farms in the North Sea, with potential for wave and tidal energy in the future. Smaller scale onshore windfarms will also generate power, together with more local generation, in part from medium to small local/community power plants, fuelled by locally grown biomass, from locally generated waste or from local wind sources. Micro-generation will also play a key role, for example from CHP plant, fuel cells and photovoltaics.

Furthermore, the discovery of a huge geothermal hotspot under North East Lincolnshire (one of just three 'hot spots' in the UK) could potentially provide substantial reserves of eco-friendly 'green' energy. North East Lincolnshire Council is looking to identify suitable partners who have the necessary expertise and experience to harness this energy and establish new district heat networks.

Enabling Cultural and Behavioural Change

Local communities have a vital role to play in achieving greater energy efficiency, as well as developing more affordable, cleaner and sustainable sources of energy and measurably reducing carbon emissions. The way people live their lives and run their homes has an important impact on carbon emissions and will be a key factor in realising the vision of a low carbon future. North East Lincolnshire Council is actively encouraging innovative new ideas and approaches that will help facilitate cultural and behavioural change and deliver a low carbon future and reduce fuel poverty.

The Council and its partners are already actively engaging with the local community to increase awareness of renewable energy and the challenges and opportunities of climate change and the transition to a low carbon lifestyle. They aim to strengthen this engagement to help identify community needs, potential ideas and opportunities to co-design and co-commission solutions that promote greater energy efficiency, reduce carbon emissions and deliver a low carbon agenda. This will help create greater respect for the environment and the wellbeing of local communities as well as encourage residents to become more disposed to installing green technology in their homes.

BUILDING A **HIGHLY-SKILLED ECONOMY**

Upskilling the local workforce to provide the higher-level technical and specialist skills needed to secure further investment from advanced energy technology industries will create long-term, well paid jobs that offer stable employment for local people in North East Lincolnshire.

North East Lincolnshire's maritime heritage, recent economic conditions and the traditional presence of heat-generating industries has left a legacy of engineers, manufacturers and people who know how to work offshore, making them well suited to new job opportunities servicing the offshore wind industry, including turbine maintenance.

North East Lincolnshire Council is seeking to encourage greater collaboration between the renewables sector, local training providers, colleges and schools. This, it believes, will help to provide a better understanding of the sector's skill needs. It will also enable the area's learning, skills and training offers to be planned and targeted more effectively and be more responsive to employer needs.

The Council is also calling for more attention to be given to inspiring young people to think about a career in renewables, particularly for those having to make decisions about their post-16 education. It is organising local skills workshops to help raise the awareness of young people of potential career paths offered by the renewables sector as well as improve their perceptions of working in the sector.

Finally, North East Lincolnshire Council is of the firm opinion that raising the profile and visibility of the renewables sector within North East Lincolnshire will be a key factor in stimulating the development of a highly skilled economy in North East Lincolnshire. The majority of investment and development in the sector to date has taken place away from the public eye, either offshore in the North Sea or in the Port of Grimsby. The Council believes that by supporting action that raises the profile of the sector locally, this will enable more local people to be aware of the significant career opportunities offered by the renewables sector, the specific range of jobs being created and the type of skills required by the sector. Therefore, a key priority for the Council is to develop a range of measures that will raise the profile and visibility of the sector locally.

² <http://www.independent.co.uk/environment/climate-change/grimsby-generating-more-electricity-from-renewables-than-anywhere-else-in-england-a6858291.html>

ESTABLISHING WORLD CLASS EDUCATION, TRAINING AND RESEARCH FACILITIES

Significant investment is being made in North East Lincolnshire to create world class specialist education, training and research facilities that will help ensure the area is in a position to supply a high skilled workforce capable of meeting the future needs of the rapidly growing renewables sector as well as those of the established ports, logistics and chemicals sectors.

For example, the Grimsby Institute's £7.5 million investment in the development of MODAL, will create a new centre of excellence for the delivery of education and training for the ports, logistics and energy sectors. The £3.9 million investment by the Centre for the Assessment of Technical Competency (CATCH) will see the development of its new training facility, CATCH Energy Offshore, which will provide specialist training facilities and infrastructure for the offshore wind industry. The Humberside Engineering Training Association (HETA) bridges the gap between industry and education and focuses on upskilling of people already in the workforce and the recruitment and training of apprentices who are about to enter the labour market.

North East Lincolnshire Council is seeking to work with local and national partners to secure additional support and investment in specialist education, training and research facilities within the area. This will enable the area to keep pace with the growth in renewables and the technological progress in the industry, which is continually changing skill requirements.



SUSTAINING THE **MOMENTUM OF INVESTMENT AND RENEWAL** IN THE GREATER GRIMSBY AREA

Greater Grimsby has attracted substantial investment to develop its dockside facilities as a focal point to serve the O&M activities for the growing offshore windfarms. A key priority is to sustain the momentum of investment and renewal in the town. Improving the image and perception of the Greater Grimsby area will be crucial.

North East Lincolnshire Council is seeking to deliver an ambitious and innovative programme of economic development and regeneration to create a thriving town centre and a rejuvenated dockside area. This includes further improvements in public realm, attracting new retail investment, new leisure facilities and other improvements to strengthen the night-time economy. This will be accompanied by measures to increase town centre living by building new homes that suit all needs.

Celebrating Grimsby's fishing and maritime heritage will play a key part in regenerating dockside areas that have fallen into dereliction following the decline of the fishing industry. Protecting and returning some of these heritage assets into productive use will provide a platform for attracting new investment and new businesses and enable the dockside area to once again play a significant role in the town's economic future. Investment in infrastructure will overcome serious access issues that have effectively cut off the dockside area from the rest of the town and will enable a wider urban transformation.

Large tracts of land between the Ports of Immingham and Grimsby have been designated for industrial development, including nearly 200 hectares recently granted Enterprise Zone status. These sites have the potential to meet the continuing needs of the rapidly growing renewables sector as well as those of the established ports, logistics and chemicals sectors.

COMMITMENT TO ACTION IN A CHANGING CLIMATE

North East Lincolnshire Council acknowledges it has a key responsibility to take action in a changing climate to enable and deliver a low carbon future for North East Lincolnshire. The Council is helping residents and businesses save money on energy bills, generate income from renewable energy, attract new jobs and investment in 'green' industries, support new sources of energy, manage local flood-risk and water scarcity and protect the natural environment.

The Council has demonstrated its commitment to be a leading player in promoting carbon reduction and adaptation by signing up to the Local Government Association's Climate Local initiative. In doing so, the Council has undertaken to progressively address the risks and pursue the opportunities presented by a changing climate, in line with local priorities, by:

- Helping local people and businesses to be smarter about their energy use and to prepare for climate impacts.
- Delivering services that are more resource efficient and resilient, less carbon intensive and can better protect those who are most vulnerable to climate impacts.
- Ensuring that its buildings and operations are resource efficient, use clean energy, and are well prepared for the impacts of a changing climate.



DELIVERY THROUGH PARTNERSHIP

North East Lincolnshire Council recognises that, with limited resources, it must prioritise its actions and activity to realise its vision and achieve its ambitions and goals. It has grouped its actions designed to support the renewables sector and deliver a low carbon future under the brand 'RenewNEL'.

The Council also acknowledges that it cannot achieve its vision and ambitions on its own and understands the importance of working in partnership to deliver its energy vision. The Council is actively exploring new ways of engaging, cooperating and collaborating with a broad range of partners and stakeholders to forge new and closer relationships to realise its vision and key priorities. The potential for investment and growth arising from the emergence of the Humber renewables sector presents a wide range of opportunities in North East Lincolnshire for:

- Business, investors, renewables sector, research & development.
- Central government, public sector partners and third sector.
- Communities, families and people.

The Council has partnered with ENGIE, a leading UK energy and services group, to form the North East Lincolnshire Regeneration Partnership. The Partnership is now in its seventh year and is delivering real tangible benefits and projects to develop and improve the local economy for its residents, enhancing the quality of life in North East Lincolnshire, generating jobs and delivering sustainable economic growth.

The Council is working with the Grimsby Renewables Partnership to attract new investment to the area and provide new opportunities in the supply chain for local business.

The Council is also working closely with the local community and other key stakeholders to gain a better understanding of local needs, build constructive relationships and develop opportunities for collaborative action to translate the area's ambitions into a road map for the future.

KEY PRIORITIES TO ENSURE NORTH EAST LINCOLNSHIRE FULLY EXPLOITS THE OPPORTUNITIES OFFERED BY THE RENEWABLES SECTOR AND **DELIVERS A LOW CARBON FUTURE**

North East Lincolnshire has a number of key strengths and advantages that places it in a strong position to be able to exploit and benefit from the opportunities arising from the emergence of the Humber renewables sector and to be at the forefront of the renewables industry in the UK.

To realise this potential and seize the opportunities, North East Lincolnshire Council has identified the following priorities for action:

- Engaging with government, industry, investors, major local land owners and local communities to secure the support, involvement and innovative new ideas needed to realise the Council's vision for a low carbon future and achieve its ambition for North East Lincolnshire to be the UK capital of the renewable energy industry and the UK's leading region for low-carbon energy.
- Creating an attractive and vibrant town centre and a rejuvenated dockside area to improve the image and perception of Grimsby and sustain the momentum of investment by the renewables sector.
- Celebrating and protecting Grimsby's fishing and maritime heritage and investing in infrastructure to provide a platform for attracting new businesses and enable a wider urban transformation.
- Removing barriers to investment in some of the area's key assets to open up new development opportunities and exploit interest in private investment and the availability of public funding.
- Achieving closer alignment between the local skills base and the needs of local businesses, particularly higher-level technical and specialist skills around the energy sector.
- Raising the profile and visibility of the renewables sector locally and making local people more aware of the career opportunities offered by the renewables sector.
- Nurturing innovative new business ideas that exploit the research and technological development capabilities in the local area to support the development of new renewables technologies.
- Building capacity within the local community to enable residents to engage in and help bring about the transition to a low carbon lifestyle.
- Delivering sustainable low carbon transport solutions and ensuring the transport infrastructure is fit-for-purpose, enabling the area to capitalise on its strategic location and future potential for growth.

DELIVERING A **LOW CARBON FUTURE** FOR NORTH EAST LINCOLNSHIRE

North East Lincolnshire Council and its strategic partners are proposing a bold and innovative programme of immediate, intermediate and strategic measures to achieve the ambitions set out for North East Lincolnshire. This programme is divided into seven priority themes that reflect the Council's key ambitions and goals. Table 1 provides a detailed description of the programme North East Lincolnshire Council and its strategic partners are seeking to deliver.

Implementation of this programme will enable North East Lincolnshire to contribute more effectively to meeting UK climate change targets as well deliver the following specific outcomes for the area:

- National and international recognition as the UK's leading region for low-carbon energy and the UK capital of the renewable energy industry.
- Creation of a highly-skilled, competitive economy around low carbon and locality focused solutions that will deliver well paid jobs, stable employment and wider social benefits for all.
- Upgraded energy infrastructure, enabling the move towards a low carbon economy, affordable energy and clean growth as well as a reduction in fuel poverty.
- Examples of ambitious and innovative action on climate change, demonstrating the potential of new low carbon fuel technologies and delivering a low carbon economy cost-effectively.
- Greater community engagement and ownership of the low carbon agenda - Community Energy.
- A gradual reduction of reliance on fossil fuels, reducing the environmental impact of energy production and consumption.

TABLE 1. PROGRAMME TO DELIVER A LOW CARBON FUTURE FOR NORTH EAST LINCOLNSHIRE

THEMES AND GOALS	ACTION TO DELIVER A LOW CARBON FUTURE	ADDITIONAL SUPPORT REQUIRED
THEME 1. Investment, Development and Renewal Goals:		
<p>Goals:</p> <ul style="list-style-type: none"> To become a renowned centre of excellence so that North East Lincolnshire is at the forefront of the renewables industry in the UK raising its profile, enhancing its reputation, attracting business and investment and creating the right institutions to bring together sectors and places. To improve the image of the Greater Grimsby area to create an attractive and vibrant town and sustain the momentum of investment and growth by renewables and other key sectors. To remove barriers to investment in key assets to open up new development opportunities and exploit interest in private investment and the availability of public funding. 	<ul style="list-style-type: none"> Design and deliver an ambitious programme of economic development and renewal that will deliver further improvements in Grimsby town centre and dockside area, making the town more attractive to investors and businesses as well as enable wider urban transformation. Deliver a strategic investment programme to address infrastructure constraints, ecological considerations and commercial viability issues impacting on the ability to bring forward readily available serviced employment sites and premises and secure business investment, job creation and a stronger economy. Use the planning system to help protect important heritage assets in Grimsby and deliver the wider economic, environmental and social objectives for the town. Engage the local community, other key stakeholders and major land owners to secure their buy-in. Encourage and support the relocation of government quangos to North East Lincolnshire. 	<ul style="list-style-type: none"> Assistance (and funding) to deliver further public realm improvements in Grimsby town centre, attract new retail investment, new leisure facilities and other improvements to strengthen the night-time economy, to release new serviced employment land and build new homes that suit all needs. Assistance (and funding) for removing barriers presented by local assets and port infrastructure that limit the growth potential of offshore and onshore renewables in the area. Support through Innovate UK for funding to support projects that address the challenges of delivering low carbon, secure and affordable energy. Support from the Offshore Renewable Energy Catapult to address specific technology innovation challenges and leverage funds for large-scale demonstration projects. Support from the Energy Systems Catapult for collaboration with local industry to accelerate the development and commercialisation of innovative technology to reduce the cost of offshore renewable energy. Assistance (and funding) for establishing Low Carbon Enterprise Zone(s) in North East Lincolnshire, extending tax breaks (capital allowances) and business rates retention. Funding for the development of Local Development Order(s) to set design principles for low carbon enterprise zones(s). Support to develop a Public Sector Locational Hub for relevant government departments and agencies in the energy and renewables sector.

THEMES AND GOALS	ACTION TO DELIVER A LOW CARBON FUTURE	ADDITIONAL SUPPORT REQUIRED
THEME 4. Affordable Energy		
<p>Goals:</p> <ul style="list-style-type: none"> To deliver community-based solutions that actively engage residents and provide affordable energy that helps eliminate fuel poverty. 	<ul style="list-style-type: none"> Take action to ensure residents and businesses capture the opportunities and benefits of action on climate change. Establish a standardised community benefit regime covering all new generation systems installed in the area, including the principle of a share of energy production profit is retained locally. Continue to work with residents and landlords to highlight home energy conservation measures, including replacement boilers, and access to improved low carbon heating. Investigate opportunities to develop local community owned and “fed” anaerobic digestion plant and district heating schemes. Develop a strategic infrastructure delivery plan to identify the infrastructure needed to support increased delivery of new homes. 	<ul style="list-style-type: none"> Support for the design of future home energy efficiency programmes, including ways to make delivery mechanisms more efficient and effective. Support from the Homes and Communities Agency for housing developers interested in investing in North East Lincolnshire to access the Home Building Fund. Support through the Domestic Renewable Heat Incentives for community-based energy efficiency measures in North East Lincolnshire.
THEME 5: Cultural and Behavioural Change		
<p>Goals:</p> <ul style="list-style-type: none"> To build stronger, more thriving communities. To protect people's health by reducing waste, reducing pollution and improving air quality. To enable cultural and behavioural change across the community that is measurably reducing carbon emissions. 	<ul style="list-style-type: none"> Engage with the local community to increase their awareness of renewable energy and the challenges and opportunities of climate change and the transition to a low carbon lifestyle. Deliver a range of community-based solutions to actively engage residents in promoting greater energy efficiency and reducing carbon emissions, as well as encouraging them to become more disposed to installing green technology in their homes. Work with Landlords and residents to improve recycling through improved marketing, incentive schemes, enforcement and better education to influence behavioural change. Expand the provision of dedicated cycling lanes. Promote the use of low carbon transport. 	<ul style="list-style-type: none"> Opportunity to work with the Behavioural Insights Team to implement green energy trials to ensure increased uptake of government and local green energy schemes in North East Lincolnshire.

THEMES AND GOALS	ACTION TO DELIVER A LOW CARBON FUTURE	ADDITIONAL SUPPORT REQUIRED
THEME 6. Sustainable Transport		
<p>Goals:</p> <ul style="list-style-type: none"> • To deliver sustainable, low carbon transport solutions across North East Lincolnshire. • To ensure the area's transport infrastructure is fit-for-purpose and enables the area to capitalise on its strategic location and links to national and global markets. 	<ul style="list-style-type: none"> • Pilot the use of electric vehicles as part of the Council's fleet, to help reduce carbon emissions and bring financial savings as well. • Promote increase in cycling and walking, including establishing more green walking routes. • Work with bus companies to investigate the feasibility of introducing low emission buses in North East Lincolnshire. • Deliver behavioural change programmes within community and workplace settings to promote use of ultra-low emission vehicles. • Increase infrastructure provision in electric charging points. 	<ul style="list-style-type: none"> • Support from the Department for Transport and Department for Business, Energy & Industrial Strategy for the implementation of new low carbon transport schemes in North East Lincolnshire. • Support for electrification of the rail line and reinstatement of direct train services from Grimsby to London. Use of hybrid trains?
THEME 7. Community Leadership		
<p>Goals:</p> <ul style="list-style-type: none"> • To ensure North East Lincolnshire Council acts responsibly as a community leader, service provider and estate manager to address the risks and pursue the opportunities presented by a changing climate, in line with local priorities. 	<ul style="list-style-type: none"> • Reduce the Council's carbon footprint through a property rationalization programme and investment in new technology. • Help local people and businesses to be smarter about their energy use and to prepare for climate impacts. • Deliver public services that are resource efficient, less carbon intensive, more resilient and protect those who are most vulnerable to climate impacts. • Ensure the Council's operations are resource efficient, use clean energy, and are well prepared for impacts of climate change. • Implement a range of energy conservation measures, including installing Solar (PV) Panels on public buildings and converting street lighting to low energy LED. • Measure and report progress on improving energy performance, including energy efficiency, energy security, energy use and consumption, as well as reductions in emissions and cost through systematic management of energy and aligned to CCC indicators. • Support schools in embedding low carbon thinking and improving performance on energy efficiency, energy security, energy use and consumption, as well as reductions in emissions and costs. 	<ul style="list-style-type: none"> • Support through the Non-Domestic Renewable Heat Incentives to introduce energy efficiency measures in schools, hospitals and other local public services in North East Lincolnshire. • Support for the design of future public sector energy efficiency programmes, including ways to make delivery mechanisms more efficient and effective.

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