

## Appendix 1

### Work undertaken by CoLC which support the low carbon / sustainability agenda

#### Policies & Strategies

The Councils vision/objectives/ambitions regarding Environmental Sustainability are set out in various documents;

**Central Lincolnshire Local Plan 2012-2036** adopted April 2017; Sustainable growth is a key Plan objective. Sustainability has driven the development of all Policies, including the spatial strategy, level and distribution of growth, the need for affordable housing, and the provision of infrastructure the protection of the environment and natural resources and cultural and historic assets.

**Vision 2020** identifies the Council's commitment to sustainability and outlines some of the initiatives prior to document publication in 2017. Recognising the implications that climate change has for environmental, economic and social well-being of the city, in 2005 the council produced a **Climate Change Strategy** with a view to minimising its impacts on the environment. One of its key objectives was to identify how to substantially reduce greenhouse gas emissions within Lincoln and how we should adapt to deal with predicted changes in climate.

The City Council signed up as a Member of the **Low Carbon Lincoln Partnership** and have as such made a commitment to working together to reduce Lincoln's carbon footprint by signing up to the **Low Carbon Lincoln Charter**.

In March 2012, City of Lincoln Council also hosted Lincoln's first low carbon conference, with attendance from 45 organisations out of which a **Low Carbon Lincoln Plan 2014-2020** was developed which included a delivery plan and annual monitoring commitment.

As part of the council's vision 2020 programme the council committed to refreshing the Low Carbon Lincoln Action Plan and is currently working with strategic partners to establish the Lincoln Climate Commission and develop a Lincoln roadmap to zero Carbon.

The City Council has included various projects/initiatives in its annual work programmes in response to the plan, including introduction of EV charging points; energy efficiency improvements to the Council's Housing stock; adoption of a corporate staff travel Plan; City Hall energy and water saving initiatives (rooftop solar panels and motor censored lighting and LEDs; improvements to other Council managed properties including Yarborough, and Birchwood Leisure Centres and the managed workspaces.

#### **Works carried out to date that support the low carbon strategy (2008 – 2019)**

Area	Project carried out between 2008 – 2016
City Hall	Extra on-site bike storage (City Hall)
City Hall	Showers at City Hall
City Hall	Electric van for parking services
Car Parks	EV (electric vehicle) charge points in 4 council car parks
Car Parks	Discount residents parking rate for anyone with a low emission vehicle
City Hall	Low energy lifts have been installed

City Hall	Investment of solar thermal panels and photovoltaics on roof of City Hall
The Terrace	Solar thermal and photovoltaics on roof of Terrace
City Hall	Motion censored lighting in refurbished toilets in City Hall
City Hall	LED lighting in refurbished offices in City Hall
City Hall	LED lighting in all communal areas of City Hall
City Hall	New roof covering, with added insulation at City Hall
Birchwood Leisure Centre	LED lighting at Birchwood Leisure Centre
Managed workspaces	LED lighting in communal areas of managed workspace
Car Parks	Solar panels have been added to the roofs of Lucy Tower car park and Broadgate car park
Yarborough Leisure Centre	M & E refurbishment (new boiler and pipework) at Yarborough Leisure Centre, substantially reducing energy costs
Council Houses	Implementation of strategy to replace windows in council owned housing stock with triple glazed windows
Council housing	Installation of bio-mass heating system at Shuttleworth House
Council Housing	Housing Investment programme includes upgrading boilers with energy efficient models
Council Housing	A range of energy efficient measures included on all new council houses, including EV charge points and PVs on 5 council bungalows
Various	Power perfector installed in 5 council buildings
Yarborough Leisure Centre	Yarborough sports pavilion has a green roof, rainwater capture and solar thermal hot water
City Hall	Switched to only 1 air-con unit in the IT server room
City Hall	Introduction of Skype facility in CR3 & 4
City Hall	Recycling bins in offices
City Hall	Involved in an office furniture recycling scheme
City Hall	New taps and low flush toilets installed in all toilets at City Hall, reducing water consumption
City Hall	Server virtualisation in IT (reducing the number of servers and AC)
City Hall	T5 lights in corridors and offices replaced with LED lighting as part of ongoing refurbishments
Car Parks	LED and light sensors at Broadgate and LTS MSCP
Car parks	A range of energy efficient measures included at the Transport Hub
various	2 Bike to work schemes offered to CoLC employees
Various	Travel Plan in place (recently reviewed in 2019)
Planning	All new housing developments over 10 units are encouraged to provide EV recharge points

## Projects listed within Vision 2020 that support low carbon

Directorate	Vision 2020 Project (in progress)	RAGB Rating
Housing	Deliver the Lincoln Homes Standard across all Council owned homes by 2021	
Housing	Survey, identify and improve all Council owned properties with a SAP of 38 or less	
Housing	Survey, identify and establish an action plan to improve all Council owned properties with an E rated SAP (39-54)	
Housing	Improve 10% of all properties in the private sector which have an SAP rating of less than 38	
Housing	Raise awareness of free ways to reduce energy bills	
Housing	Maximise intervention for private sector properties with solid wall insulation	
Housing	Average SAP rating for residential council owned properties to be 70 or more	
Housing	Reduce the number of households in the city living in fuel poverty by 5% (230) households	
Housing	New build houses are SAP band B. Looking at opportunities to increase this to band A for future new build homes.	
Housing	Reviewing the Housing repair service vehicle fleet contract to identify opportunities to include more electric vehicles.	
Housing	Prepare an Asset Management Strategy to identify how Band E and F properties can be brought up to band D	
Major Development	Refresh the Low Carbon Lincoln Strategy and Action Plan	
Major Development	Explore the potential for a Lincoln Smart City Group (A smart city is a term given to a city that incorporates information and communication technologies (ICT) to enhance the quality and performance of urban services such as energy, transportation and utilities in order to reduce resource consumption, wastage and overall costs.)	
Major Development	Application to ERDF for Environmental Improvement grant	
Major Developments	Delivering the new homes programme, identifying all opportunities for zero carbon homes that are low maintenance and future-proof for not only for the tenants but also the environment.	

Communities & Environment	Recycling campaign (once LWP strategy has evolved)	
Communities & Environment	Supporting the Plastic free Lincoln campaign	
Communities & Environment	Update of the Air Quality Action Plan 2019	
Communities & Environment	Delivering the refurbishment of the new Crematorium which will include energy efficiency measures to reduce the sites Carbon Dioxide emissions by 50%.	
Housing	Promote bulk energy switching to lower energy bills for residents and prepare a statement of intent to enable council to utilise flexible eligibility powers to increase residents access to ECO3 funding	