

# CLIMATE EMERGENCY ACTION PLAN 2022/23

Refreshed 2022/23

Establishing specific actions to work towards our net zero ambitions for North Kesteven District Council and the District of North Kesteven.

Part 2 of the NKDC Climate Emergency documents, aligned with Our Environment priority.



## OUR ENVIRONMENT PRIORITY:

**To meet the challenge of climate change, ensuring integration and delivery of the Climate Action Plan across all NK Plan priorities.**

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**ACTON  
CLIMATE**  
— IN NORTH KESTEVEN —

  
**North Kesteven**  
DISTRICT COUNCIL

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# Section 1

## An Introduction to Our Climate Emergency Action Plan 2022/23



# Our Climate Emergency Action Plan in a Page – CEAP 2022/23

## A whistle-stop tour of our Climate Emergency Action Plan 2022/23.

NKDC's Climate Emergency Action Plan (CEAP), referred to throughout simply as 'the Action Plan', establishes the actions we are taking across the Council and the District to reach net zero and address the climate emergency. This complements our Climate Emergency Strategy (CES), referred to throughout as 'the Strategy', which sets out our strategic vision for a just and sustainable transition to net zero by 2030 for both North Kesteven District Council and the District of North Kesteven. The Strategy and Action Plan are fundamentally integral to one another and shape the Council's activities, building upon our Climate Emergency Declaration approved unanimously by Full Council in July 2019.

To ensure we stay at the forefront of the net zero transition we believe our Action Plan should be a 'live' document, including actions of various timeframes running right through to 2030/31. Annual updates ensure our actions remain relevant and achievable as we work towards our ambitious net zero goals. To distinguish the updated documents, the date is reflected in the title for each Action Plan, which is set to run for one financial year, starting in April and running to the following March. This is our CEAP 2022/23 (1st April 2022 to 31st March 2023). We are therefore able to update actions reflecting on progress made and feedback from the previous year, creating an evolving plan that keeps pace with emerging opportunities and innovations.

The nine themes used to categorise our climate actions are shown in the diagram. As explained in the Strategy, these themes have been updated in 2022, reflecting both the original 2020 Climate Emergency Strategy and Action Plan (CESAP 2020) themes and incorporating the SCATTER cities tool themes. A wide range of actions have been developed for each theme and are detailed within this document.

1. Decision Making

2. Communication and Engagement

3. Adaptation

4. Buildings

5. Transport

6. Natural Environment

7. Energy

8. Industry

9. Waste and Water



**To view our Climate Emergency Strategy, check for more recent versions of this Climate Emergency Action Plan, and to keep up to date with NKDC's climate emergency response and net zero plans, please visit our website or sign up for our Act on Climate e-newsletter. [www.n-kesteven.gov.uk/residents/climate-action](http://www.n-kesteven.gov.uk/residents/climate-action)**



# Introduction

## An Introduction to our Climate Emergency Action Plan 2022/23.

This Action Plan (CEAP 2022/23) has been developed as part of the 2022 review of our 2020 Climate Emergency Strategy and Action Plan (CESAP 2020). The CESAP 2020 provided a fantastic basis for this refresh. As part of the 2022 refresh, the decision was made to split our Climate Emergency Strategy (CES) and our Climate Emergency Action Plan (CEAP) into separate documents. Please see our Strategy for more information on the Council's strategic vision, aims, and objectives for a just transition to net zero, and detail on the development of our Strategy and Action Plan.

In 2021, NKDC commissioned expert climate consultants Anthesis to analyse our CESAP 2020. Their analysis has formed the basis for our 2022 review, and alongside the recommendations of our LGA Corporate Peer Challenge, we have now incorporated costing estimates for actions when appropriate and look to maximise additional co-benefits as much as possible. We have assessed and updated existing actions, removing them if completed or no longer relevant, and have created a wide range of new ambitious actions. Colleague engagement played a vital role in this work.

Each action is assigned a start and end date to enable us to better schedule activities into our service delivery planning framework. In some instances, there are connections and interdependencies between actions so setting staggered start dates allows us to share information and learning between them. An estimated action cost column has been added, which we expect to be updated with more detail over time. In addition to this, we also plan for consultants Anthesis to produce a Climate Emergency Funding Prospectus to help identify potential funding and financing avenues to support further as-yet unfunded climate action.

This Action Plan (CEAP 2022/23) helps us set the next steps in our response to the climate emergency, working to reduce emissions and improve resilience to the effects of climate change through adaptation and mitigation. It establishes a wide range of actions spanning all Council divisions with action timeframes ranging from 2022/23 to 2030/31.

As set out in our Strategy, our Action Plan is to be updated and reviewed annually to enable us to keep striving for rapid and far-reaching reduction in emissions and improvements to climate resilience. We believe it is essential that this is a more 'live' document that can evolve across the 2020s, and an annual review schedule will enable us to do this. Collaboration is key to the annual reviews helping us to reflect on the progress made in the previous year and incorporate feedback from colleagues and dedicated climate action lead officers. This ensures our Action Plan sets ambitious next steps in our net zero transition, supporting the Council's vision for a District of flourishing communities.

### Action Costing Scale

£ = £1 - £10,000  
 ££ = £10,001 - £50,000  
 £££ = £50,001 - £500,000  
 ££££ = £500,001 - £5 million  
 £££££ = £5 million +  
 (£) = officer time/internal cost



[www.n-kesteven.gov.uk/residents/climate-action](http://www.n-kesteven.gov.uk/residents/climate-action)

## Introduction

# An Overview of Progress Reporting and Monitoring for our Climate Emergency Action Plan 2022/23.

To monitor the progress of all the live actions within our Action Plan, quarterly reporting is undertaken and presented to our Corporate Management Team, our Resources Scrutiny Committee, and our Executive Board. Annual progress reporting is also presented to Full Council. The lead officers for each action are responsible for providing quarterly action progress updates to facilitate Council-wide progress monitoring.

The lead officer for each action provides a written progress update as well as a progress rating (%). Subsequently, a RAG (red, amber, green) rating is applied to reflect the status of each action. This helps us to monitor if actions are on track, as well as to flag any actions which are off-track, enabling assistance to be given if needed.

As set out in our Climate Emergency Strategy, each member of our Senior Management Team (SMT) has been appointed a specific theme to champion. We hope that our theme champions can engage in and encourage the use of collaborative and innovative approaches to achieving our climate actions. The designated themes align with their service area, and they can help to provide leadership to facilitate cross-divisional collaboration and information sharing, and provide support to the action lead officers.

Theme	SMT Champion
Decision Making	Assistant Director of Democratic Services
Adaptation	Assistant Director of Finance
Communications and Engagement	Assistant Director of Corporate and Community Services
Buildings	Deputy Chief Executive
Transport	Chief Executive
Natural Environment	Assistant Director of Housing and Property Services
Energy	Director of Resources
Industry	Economy and Place Director
Waste and Water	Assistant Director of Environment and Public Protection



For more information on our approach to climate action accountability, please see our Climate Emergency Strategy. [www.n-kesteven.gov.uk/residents/climate-action](http://www.n-kesteven.gov.uk/residents/climate-action)



For more detailed progress reporting, please refer to our Resources Scrutiny Committee. [www.n-kesteven.gov.uk](http://www.n-kesteven.gov.uk)

# Introduction

## The Future Direction of our Climate Emergency Action Plan 2022/23.

As the annual iterations of this Action Plan progress, we will continue to push ambitious climate action forwards; striving to reduce emission in line with our net zero targets, and to increase resilience to the effects of climate change. We envision a sustainable net zero future for all, in which we in North Kesteven play our part in the global efforts to reduce CO<sub>2</sub> emissions to limit temperature rise in line with the Paris Agreement.

As set out in the following themes, the actions in our Action Plan cover a vast range of topics and sectors. We have ordered our themes to first emphasise the importance of the Council's role in decision making, adaptation, and communication and engagement. The following actions are then prioritised by the scope of Council influence, the relative contribution the theme makes to emissions, and the emissions reduction potential, amongst other factors.

We recognise the importance of actions of all scales and timeframes, the need to implement mitigation techniques to rapidly reduce CO<sub>2</sub> and Greenhouse Gas (GHG) emissions, as well as to support adaptation measures to improve climate resilience. We continually seek to maximise the additional co-benefits of our climate actions, aiming to ensure the positive outcomes have far-reaching and long-lasting impacts. Our approach to maximising co-benefits from our climate actions is set out in more detail within the Strategy. These efforts all work towards achieving a just and sustainable transition to net zero for North Kesteven in line with our vision for a District of flourishing communities.

Building upon the climate action progress made from 2020-2022, which saw over 80 actions completed despite the impacts of the Covid-19 pandemic, our future Action Plans will continue to drive Council and District scale actions which seek to reduce CO<sub>2</sub> emissions and work to achieve a just and sustainable transition to net zero by 2030 for both North Kesteven District Council and the District of North Kesteven. We will align our actions with the best available science and local, regional, national, and international policy.

As we progress forward, we expect future activities to continue to cover core sectors such as:

- Increasing awareness and consideration of climate and net zero implications within decision making.
- Continuing communication and engagement campaigns centred on the climate emergency and net zero.
- Collaborating with local, regional, and national partners to support the realisation of the Council's net zero ambitions.
- Retrofitting buildings to improve energy efficiency and support low carbon heating options.
- Promoting low carbon travel options, including active travel and Electric Vehicles.
- Improving management of Council-owned land to support biodiversity and ecological networks, with additional benefits from natural sequestration of carbon.
- Increasing renewable energy generation within the Council.
- Supporting the green and circular economy, including job creation and upskilling.



To view our Climate Emergency Strategy, and to check for the most up to date Climate Emergency Action Plan, please see our website. [www.n-kesteven.gov.uk/residents/climate-action](http://www.n-kesteven.gov.uk/residents/climate-action)



# Section 2

## Our Climate Emergency Action Plan 2022/23





# 1. Decision Making



Our Decision Making theme focuses on ensuring we consider the implications the decisions we make have on the climate and our net zero 2030 targets. We use the best available climate science and policy information to ensure the Council remain at the forefront of climate activities within the local government sector. This includes embedding climate actions and activities within our Service Delivery Plans and accounting for climate implications as part of the decision-making process.

The actions within this theme contribute to strategic objective 6 of our Climate Emergency Strategy.

The SMT champion for our Decision Making theme is our Assistant Director of Democratic Services.

**Action Costing Scale:** £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost

## Sub-Theme: 1 NKDC Colleague Knowledge and Awareness

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
1.1.1	Roll out revised Sustainability Impact Assessment approach.	NKDC	01/04/2022	31/12/2022	(£)	CCS	Climate Change Manager
1.1.2	Develop and deliver regular internal engagement to ensure all officers and Members are aware of this action plan, progress being made against it, and what their role is in delivering on it.	NKDC	01/07/2022	31/03/2024	(£)	CCS	Climate Change Manager
1.1.3	Set up and implement structures and mechanisms to promote better staff understanding of the potential ecological and environmental impacts of climate mitigation and adaptation activities.	NKDC	01/10/2022	31/03/2022	(£)	CCS	Climate Change Manager
1.1.4	Arrange training for NKDC colleagues and members on carbon literacy, energy efficiency, and resident support after energy efficiency measure installation.	NKDC	01/10/2022	31/03/2024	££	CCS	Climate Change Manager
1.1.5	Define and promote consideration and awareness of the differing levels of vulnerability and resilience of groups across the district to the impacts of climate change to work towards a just net zero transition.	NKDC	01/10/2022	31/03/2024	(£)	CCS	Climate Change Manager

## 2. Communication and Engagement



Our Communications and Engagement theme focuses on informing our audiences (residents, businesses, community groups, Members, and colleagues) and engaging them in North Kesteven's climate emergency response and net zero 2030 targets. It involves sharing successes and delivering a co-ordinated and sustained communications and engagement programme centred on individual to District-scale climate action. Climate-based behavioural change programmes will involve a wide range of audiences in activities to reduce carbon emissions and minimise negative environmental impacts. Engaging activities which share climate science and underline the urgency of the climate crisis will play a key role in this.

The actions within this theme contribute to strategic objective 3 of our Climate Emergency Strategy.

The SMT champion for our Communication and Engagement theme is our Assistant Director of Corporate and Community Services.

**Action Costing Scale:** £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost

### Sub-theme: 1 Knowledge and Awareness

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
2.1.1	Deliver the Climate Emergency Communications Plan.	District	01/04/2022	31/03/2025	£££	CCS	Communications Officer (Climate Action)
2.1.2	Develop a lobbying strategy supported by a clear and prioritised plan.	District	01/10/2022	30/06/2023	(£)	CCS	Climate Change Manager





### 3. Adaptation



Our Adaptation theme is focused on making the Council and the District more resilient to the worsening effects of the changing climate. This theme sets out to support NKDC and the District to take action to adapt to the effects of climate change, including extreme weather events, so that we can build and strengthen the resilience of our communities, the built environment, and the natural environment of North Kesteven.

The actions within this theme contribute to strategic objectives 2 and 5 of our Climate Emergency Strategy.

The SMT champion for our Adaptation theme is our Assistant Director of Finance.

**Action Costing Scale: £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost**

#### Sub-theme: 1 Council Service Delivery

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
3.1.1	Explore the opportunity to offer fully flexible start times, including starting earlier during summer, to ensure a workforce adaptable and resilient to a changing climate and extreme weather events.	NKDC	01/07/2022	31/03/2023	(£)	CCS	HR Manager
3.1.2	Integrate climate related impacts into wider business continuity planning framework and processes, including adaptation and resilience in emergency planning Business Impact Assessment.	NKDC	01/10/2022	31/03/2023	(£)	F&R	Governance and Business Resilience Manager

#### Sub-theme: 2 District Climate Resilience & Emergency Response

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
3.2.1	Review the UK climate risk assessment to and from this determine further appropriate local adaptation theme actions.	District	01/07/2022	31/12/2022	(£)	CCS	Sustainability Officer
3.2.2	Work in partnership to undertake a local climate impact/risk assessment and support the development of a countywide adaptation plan.	District	01/10/2022	30/09/2023	(£)	CCS	Climate Change Manager

## 4. Buildings



Our Buildings theme centres on improving the climate resilience of both domestic and non-domestic buildings. This includes energy efficiency improvements, lighting and appliance efficiency improvements, and supporting the shift away from fossil fuel powered heating systems. This theme sets out to utilise the Council's influence, including within existing processes, to support the development of resilient and energy efficient buildings across the Council's own building stock, and the District as a whole.

The actions within this theme contribute to strategic objectives 1, 2, 4, 5, and 7 of our Climate Emergency Strategy.

The SMT champion for our Buildings theme is our Deputy Chief Executive.

Action Costing Scale: £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost

### Sub-theme: 1 Council Housing

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
4.1.1	Commission a programme of expert assessment of existing housing stock to establish retrofits requirements and associated true costs to deliver practical decarbonisation of the housing stock – both on and off grid.	NKDC	01/07/2022	30/09/2023	£££££	HPS	Development and Zero Carbon Manager
4.1.2	As results from 4.1.1 become available determine approach and implementation plans for all of the whole housing stock - both on and off grid.	NKDC	01/10/2022	31/03/2024	(£)	HPS	Development and Zero Carbon Manager





## 4. Buildings (continued)

### Sub-theme: 2 Council Non-Domestic Buildings

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
4.2.1	Bring in specialist to perform heating options appraisal on all NKDC buildings - leisure facilities - and from this identify decarbonisation options and costs	NKDC	01/04/2022	31/03/2023	££££	DECS	Strategic Leisure Contract Manager
4.2.2	Bring in specialists to perform heating options appraisal on all NKDC buildings - Sleaford offices - and from this identify decarbonisation options and costs.	NKDC	01/10/2022	30/06/2023	£££	HPS	Assistant Director of Housing and Property Services
4.2.3	Investigate options and seek funding for preferred solutions to improve external lighting at leisure and culture facilities	NKDC	01/10/2022	31/03/2026	(£)	DECS	Strategic Leisure Contract Manager
4.2.4	Bring in specialist to perform heating options appraisal on all NKDC buildings - Metherringham depot - and from this identify decarbonisation options and costs.	NKDC	01/01/2023	30/09/2023	££	EPP	Waste and Street Scene Manager
4.2.5	Bring in specialist to perform heating options appraisal on all NKDC buildings - culture facilities - and from this identify decarbonisation options and costs.	NKDC	01/04/2023	31/03/2024	£££	DECS	Strategic Leisure Contract Manager
4.2.6	Bring in specialist to perform heating options appraisal on all NKDC buildings - Retained venues - and from this identify decarbonisation options and costs.	NKDC	01/04/2023	31/03/2024	£££	DECS	Economic Development Manager
4.2.7	Bring in specialist to perform heating options appraisal on all NKDC buildings - Commercial Units - and from this identify decarbonisation options and costs.	NKDC	01/04/2023	31/03/2024	££	DECS	Economic Development Manager

## 4. Buildings (continued)

### Sub-theme: 3 Existing Private Housing

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
4.3.1	Undertake a cost benefit and value analysis for employing a Domestic Energy Officer to provide private homeowners and renters with energy reduction and efficiency advice.	District	01/07/2022	31/12/2022	££	EPP	Environmental Health Manager
4.3.2	Identify options to deliver/facilitate training and upskilling for heating engineers - to scale up efforts to deliver energy efficiency measures and support for residents to use/swap to low emissions heating solutions.	District	01/10/2022	31/03/2023	(£)	CCS	Climate Change Manager
4.3.3	Work with other Lincolnshire authorities to help residents access government schemes (as available) - to scale up efforts to deliver energy efficiency measures and support for residents to use/swap to low emissions heating solutions.	District	01/10/2022	31/03/2024	£	CCS	Climate Change Manager
4.3.4	Determine how to identify and support the high energy consumption high income households and postcode areas to reduce their energy use - to scale up efforts to deliver energy efficiency measures and support for residents to use/swap to low emissions heating solutions.	District	01/04/2023	31/03/2024	£	CCS	Communications Officer (Climate Action)
4.3.5	Collaborate to explore how we can encourage communities to develop 2030-compatible neighbourhood plans.	District	01/07/2023	31/03/2024	(£)	CCS	Partnership Manager
4.3.6	Facilitate access to support, including investigation of alternative financial mechanisms, for those ineligible for government schemes to plan property improvements - to scale up efforts to deliver energy efficiency measures and support for residents to use/swap to low emissions heating solution.	District	01/07/2023	31/03/2024	(£)	CCS	Climate Change Manager



## 4. Buildings (continued)

### Sub-theme: 4 Future Innovation and Support

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
4.4.1	Monitor international and national net zero research and national policy to maintain an awareness of technology developments and opportunities: providing a formal summary of key developments as part of the annual end of year reporting cycle.	District	01/07/2022	30/06/2023	(£)	CCS	Sustainability Officer

### Sub-theme: 5 NKDC Colleague Knowledge and Awareness

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
4.5.1	Scope and arrange retrofit and energy efficiency training for NKDC colleagues, members, and tenants.	NKDC	01/07/2022	30/09/2023	££	HPS	Assistant Director of Housing and Property Services



## 5. Transport



Our Transport theme centres on reducing transport-based emissions produced by the Council and across the District. This theme sets out to support the development of sustainable transport solutions across the District including public transport and active travel. Working with the Council's strategic partners will play a vital role in this.

The actions within this theme contribute to strategic objectives 1, 4, and 7 of our Climate Emergency Strategy.

The SMT champion for our Transport theme is our Chief Executive.

**Action Costing Scale: £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost**

### Sub-theme: 1 Driving Less

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
5.1.1	Deliver air quality action days incorporating opportunities to reduce idling hot spots.	District	01/04/2022	31/03/2023	(£)	EPP	Environmental Health Manager
5.1.2	Fully adopt the Sleaford Transport Strategy and, linked to UK Shared Prosperity Fund opportunities, develop an Action Plan for delivery in conjunction with Lincolnshire County Council.	District	01/04/2022	30/06/2023	£	DECS	Economic Development Manager
5.1.3	Develop opportunities from the UK Shared Prosperity Fund for the identification and delivery of active travel projects.	District	01/07/2022	31/03/2025	(£)	DECS	Economic Development Manager
5.1.4	Conduct a staff travel survey to understand how to encourage more sustainable staff travel and reduce the need for staff to own and use a car for work.	NKDC	01/10/2022	31/03/2023	(£)	CCS	HR Manager
5.1.5	Identify options for car allowance bands to incentivise low emissions alternatives (e.g. new low emissions vehicle band which is higher than other car allowance bands).	NKDC	01/10/2022	31/03/2023	(£)	CCS	HR Manager
5.1.6	Support staff to travel plan based on staff travel survey results.	NKDC	01/04/2023	30/09/2023	(£)	CCS	HR Manager

## 5. Transport (continued)

### Sub-theme: 2 Switching to Electric Vehicles

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
5.2.1	Incorporate Electric Vehicle ChargePoint installation into Cranwell Aviation Heritage Museum architects feasibility drawings, and seek advice on number of charge points appropriate to site.	District	01/04/2022	31/03/2023	(£)	DECS	Economic Development Manager
5.2.2	Reintroduce lease car incentive for electric and low emission vehicles.	NKDC	01/07/2022	31/03/2023	(£)	CCS	HR Manager
5.2.3	Investigate potential for Electric Vehicle ChargePoint installation at Kesteven Street carpark.	NKDC	01/07/2022	31/03/2023	£	HPS	Assistant Director of Housing and Property Services
5.2.4	Investigate alternative fuelling options (including EV and associated charging infrastructure) for the waste and street scene vehicle fleet.	NKDC	01/07/2022	30/09/2023	£££	EPP	Waste and Street Scene Manager
5.2.5	Engage the Energy Saving Trust to support development of an Electric Vehicle and Electric Vehicle infrastructure and charging strategy for the district.	District	01/10/2022	31/03/2023	(£)	CCS	Climate Change Manager
5.2.6	As part of the development of capital projects investigate the potential for Electric Vehicle charge point installation at the new car park near Sleaford railway station.	District	01/10/2022	31/12/2023	££	DECS	Economic Development Manager
5.2.7	Increase installation of charging points across the district by promoting available grants.	District	01/10/2022	31/03/2024	(£)	CCS	Communications Officer (Climate Action)
5.2.8	Introduce a policy to consider the installation of Electric Vehicle ChargePoint infrastructure into ongoing and future Council development projects.	NKDC	01/01/2023	30/06/2023	(£)	CCS	Climate Change Manager
5.2.9	Investigate the implications of supporting and facilitating Electric Vehicle Charge Point installations at existing commercial sites e.g. business units.	NKDC	01/04/2023	30/09/2023	(£)	DECS	Economic Development Manager
5.2.10	Investigate the opportunities for further supporting the transition to EV taxis.	District	01/04/2023	31/03/2024	(£)	CCS	Climate Change Manager



## 5. Transport (continued)

### Sub-theme: 3 Travelling Shorter Distances

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
5.3.1	Determine ahead of next CEAP refresh the key action(s) required in this plan to move forward on the de-carbonisation of transport.	District	01/10/2022	31/03/2023	(£)	CCS	Climate Change Manager
5.3.2	Assess feasibility for the delivery of a series of mobility hubs which bring together public transport, car club and pool bike opportunities in each location and link well into walking and cycling networks, linking with the Sleaford Transport Strategy and engagement for the South East Quadrant (Lincoln fringe) sustainable urban extension.	District	01/10/2022	30/06/2023	(£)	CCS	Climate Change Manager



## 6. Natural Environment



Our Natural Environment theme centres on supporting biodiversity and ecological networks across the District, as well as the natural sequestration of CO<sub>2</sub>. It sets out to do this by improving and supporting natural spaces appropriate to the wider landscape to enhance the ecological network, enabling natural carbon sequestration to absorb final Greenhouse Gas emissions that cannot be reduced to net zero, and supporting green infrastructure and biodiversity.

The actions within this theme contribute to strategic objectives 1, 4, 5, 7, and 8 of our Climate Emergency Strategy.

The SMT champion for our Natural Environment theme is our Assistant Director of Housing and Property Services.

**Action Costing Scale:** £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost

### Sub-theme: 1 Food and Agriculture

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
6.1.1	Determine ahead of next CEAP refresh any key action(s) required in this plan to move forward on the food and agriculture aspect of the natural environment.	District	01/10/2022	31/03/2023	(£)	CCS	Climate Change Manager

### Sub-theme: 2 Increased Tree Coverage and Planting

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
6.2.1	Apply for available funding for tree planting to increase tree planting outside of woodlands to increase the number of trees in NK to provide ecosystem services and compensate/absorb non-CO <sub>2</sub> greenhouse gas emissions that cannot be reduced to zero.	District	01/10/2022	31/03/2026	(£)	CCS	Climate Change Manager
6.2.2	Deliver the targets in the Tree Strategy of 5000 new trees on council owned open spaces and 50 hectares new canopy target, to increase the number of trees on (non-housing) council land.	NKDC	01/10/2022	31/03/2024	£££	HPS	Assistant Director of Housing and Property Services

## 6. Natural Environment (continued)

### Sub-theme: 3 Land Use Management and Biodiversity Improvement

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
6.3.1	Engage NKDC tenants to understand how they would like land within existing and new NKDC housing developments to be managed in order to consider opportunities to increase green infrastructure, biodiversity, and to design out dead concrete spaces.	NKDC	01/04/2022	31/03/2024	(£)	HPS	Assistant Director of Housing and Property Services
6.3.2	Deliver natural environment projects on council housing land and support local projects in partnership with council housing contractors to deliver their social value requirements.	NKDC	01/04/2022	31/03/2024	£	HPS	Assistant Director of Housing and Property Services
6.3.3	Deliver blue/green infrastructure projects.	District	01/04/2022	31/03/2024	££	DECS	Economic Development Manager
6.3.4	Work with Greater Lincolnshire Biodiversity Net Gain Task Group to support delivery and implementation of Nature Recovery Strategies, including signposting prospective developers, landowners, and project to opportunities for funding.	District	01/04/2022	31/03/2024	(£)	DECS	Development Management Manager
6.3.5	Support communities producing Neighbourhood Plans to include policy, advice or wording to facilitate a reduction in impermeable surfaces and to increase green infrastructure.	District	01/04/2022	31/03/2026	(£)	CCS	Partnership Manager
6.3.6	Develop an approach to biodiversity improvement and awareness, seeking to work particularly with Parish Councils across the District.	NKDC	01/07/2022	31/03/2023	(£)	CCS	Climate Change Manager
6.3.7	Determine ahead of next CEAP refresh the key action(s) required in this plan to move forward on biodiversity improvement.	District	01/10/2022	30/09/2023	(£)	CCS	Climate Change Manager
6.3.8	Work with Nature Recovery Strategy delivery partners to identify and support delivery of afforestation and improved land management opportunities.	District	01/10/2022	31/03/2024	(£)	CCS	Climate Change Manager
6.3.9	Community projects - Support delivery of nature improvement and regeneration projects which maximise co-benefits.	District	01/10/2022	31/03/2024	££	CCS	Climate Change Manager



## 6. Natural Environment (continued)

### Sub-theme: 3 Land Use Management and Biodiversity Improvement continued

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
6.3.10	In line with NKDC Tree and Open Space Strategies, investigate 'stepped disturbance' model of management (trees, understory planting, grasses and flowers, with limited cutting as necessary and only to provide paths not open cut space as part of future ground maintenance contracts.	NKDC	01/10/2022	31/03/2024	(£)	EPP	Assistant Director of Environment and Public Protection
6.3.11	Ensure farmers and landowners are being supported to understand and access financial incentives and investigate options within Environmental Land Management Schemes (ELMS).	District	01/10/2022	31/03/2025	(£)	CCS	Climate Change Manager
6.3.12	Determine how to work with land managers to improve land management, offset district emissions and implement biodiversity and ecosystem services improvements.	District	01/10/2022	31/03/2025	£	CCS	Climate Change Manager



## 7. Energy



Our Energy theme focuses on reducing fossil fuel dependence and associated emissions by promoting renewable energy generation opportunities for both NKDC and the District. It sets out to do this by supporting increased renewable energy generation across NKDC's estate, where viable given electricity grid capacity constraints, and by supporting renewable energy generation opportunities across the District of North Kesteven.

The actions within this theme contribute to strategic objectives 1, 4, and 7 of our Climate Emergency Strategy.

The SMT champion for our Energy theme is our Director of Resources.

**Action Costing Scale:** £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost

### Sub-theme: 1 Alternative Renewable Energy Opportunities

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
7.1.1	Investigate long term opportunities of extending Sleaford Renewable Energy Plant network to utilise spare capacity including Heart of Sleaford, NCCD and cinema projects.	District	01/04/2023	31/03/2025	(£)	HPS	Assistant Director of Housing and Property Services
7.1.2	Explore community energy scheme opportunities, promoting available support to communities and those developing Neighbourhood Plans.	District	01/04/2023	31/03/2025	(£)	CCS	Climate Change Manager
7.1.3	Investigate and develop projects to act upon opportunities and funding options for other renewable technologies/non-solar renewable opportunities.	District	01/04/2023	31/03/2026	(£)	CCS	Climate Change Manager
7.1.4	Investigate enabling aggregated purchasing of renewable energy and energy efficiency measures for communities, individuals, and businesses.	District	01/04/2024	31/03/2026	(£)	CCS	Climate Change Manager

## 7. Energy (continued)

### Sub-theme: 2 Renewable Energy Generation Opportunities

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
7.2.1	Investigate partnering with local businesses to identify other opportunities for scaling up renewable energy generation.	NKDC	01/07/2022	31/03/2024	(£)	CCS	Climate Change Manager
7.2.2	Investigate site and land options for renewable energy projects. Produce proposal reports, to consider options, and project plans.	NKDC	01/07/2022	31/03/2026	(£)	F&R	ExCITe Programme Manager
7.2.3	Develop and implement leisure centre renewable energy generation projects if identified through the next scheduled expert audit cycle.	NKDC	01/04/2022	31/03/2025	£	F&R	ExCITe Programme Manager

### Sub-theme: 3 Solar PV

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
7.3.1	Install roof solar panels at the Kesteven Street Council Offices.	NKDC	01/04/2022	31/03/2023	£££	F&R	ExCITe Programme Manager
7.3.2	Understand overall grid capacity and connection points via high level feasibility review for district by WPD specialists.	NKDC	01/10/2022	30/09/2023	££	CCS	Climate Change Manager
7.3.3	Work collaboratively with all Asset Managers to investigate opportunities for building and ground mounted solar PV options on existing and new property, including business units.	NKDC	01/10/2022	31/03/2024	(£)	CCS	Climate Change Manager
7.3.4	Investigate available local energy data/information to understand local natural resources and future generation potential building upon the Central Lincolnshire Local Plan review.	District	01/04/2023	31/03/2025	(£)	CCS	Climate Change Manager

### Sub-theme: 4 Wind

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
7.4.1	Determine ahead of next / future CEAP refresh(es) any key action(s) required in this plan to move forward on the wind aspect of energy.	District	01/04/2023	31/03/2024	(£)	CCS	Climate Change Manager



## 8. Industry



Our Industry theme centres on securing sustainable development and economic growth across the District that improves energy efficiency and reduces dependence on fossil fuel technologies. It sets out to do this by encouraging the growth of the green economy and continued sustainable development across the District to support our flourishing communities, whilst also engaging with the industry sector to support energy efficiency improvements and reducing fossil fuel reliance.

The actions within this theme contribute to strategic objectives 4, 5 and 7 of our Climate Emergency Strategy.

The SMT champion for our Industry theme is our Economy and Place Director.

**Action Costing Scale: £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost**

### Sub-theme: 1 Supporting Businesses to Improve Energy/Fuel Efficiency and Shift Away from Fossil Fuel Technologies

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
8.1.1	Produce supplementary planning guidance to promote zero and low-carbon industrial, commercial and infrastructure development.	NKDC	01/04/2022	30/09/2023	(£)	DECS	Development Management Manager
8.1.2	Promote available business support e.g. through Business NK website and newsletter and through Business Advisor to SMEs.	NKDC	01/07/2022	31/03/2025	(£)	DECS	Economic Development Manager
8.1.3	Working collaboratively with partners such as the GLLEP explore opportunities to support business, including the potential for a specific business led climate forum, in the transition to zero carbon, maximising opportunities to signpost support, showcase best practice, and share learning within the business community.	District	01/10/2022	31/03/2025	(£)	DECS	Economic Development Manager
8.1.4	Determine which businesses/sectors are the biggest energy users to focus support.	District	01/01/2023	31/03/2023	(£)	CCS	Sustainability Officer

## 9. Waste and Water



Our Waste and Water theme focuses on the need to improve finite resource management by increasing efficiency and minimising waste to help move towards a circular economy that is resilient to the effects of climate change. This theme sets out to do so by reducing the quantity of waste produced by both NKDC's operations and across the District whilst also improving the quality of recycling to contribute to developing a circular economy, and improving the efficiency of water usage.

The actions within this theme contribute to strategic objectives 4, 5 and 9 of our Climate Emergency Strategy.

The SMT champion for our Waste and Water theme is our Assistant Director of Environment and Public Protection.

**Action Costing Scale: £=£1-£10,000; ££=£10,001-£50,000; £££=£50,001-£500,000; ££££=£500,001-£5 million; £££££=£5 million+; (£)=officer time/internal cost**

### Sub-theme: 1 Reduce - Re-use - Recycle

REF	ACTION	SCALE	START DATE	END DATE	COST	DIVISION	LEAD ROLE
9.1.1	Encourage reuse of office equipment by creating a single point of contact/advice.	NKDC	01/07/2022	31/12/2022	(£)	HPS	Property Services Manager
9.1.2	Determine ahead of next / future CEAP refresh(es) key action(s) required in this plan to move forward to meet the requirements of the Environment Act.	NKDC	01/10/2022	31/03/2023	(£)	CCS	Climate Change Manager
9.1.3	Review spend on printing equipment and paper.	NKDC	01/01/2023	30/06/2023	(£)	CCS	Climate Change Manager



# CLIMATE EMERGENCY ACTION PLAN 2022/23

Refreshed 2022/23

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