

**NORTH  
NORTHAMPTONSHIRE  
COUNCIL  
CARBON MANAGEMENT  
PLAN**  
ANNUAL REPORT  
2022-23



# FOREWORD

**In July 2021, and at the earliest opportunity for doing so, a Climate and Environment Emergency was declared by the full council. As part of this, North Northamptonshire Council (NNC) committed to becoming carbon neutral by 2030.**

Right from the get-go, the council has been clear that climate change and looking after the environment must be the 'green thread' running through the organisation. In line with this, £1 million has been committed as part of the budget.

A significant proportion of this initial funding has been allocated to projects, which align with the actions set out in the Carbon Management Plan (CMP), such as the development of a 10-year Climate and Environment Strategy.

The Carbon Management Plan was developed with the assistance of the Sustainable Communities Executive Advisory Panel. This is a cross-party meeting of councillors that helps to shape various work and policy in areas such as active travel, air quality management and environmental improvements, such as our own Pollinator Strategy. The Management Plan, which is a living document, details the wide-reaching work to be undertaken across all departments and at all levels to ensure the most meaningful impact.

Since the declaration of a Climate and Environment Emergency, NNC has undertaken a number of projects and action to ensure progress towards carbon neutrality. To provide a few examples; over 19,000 trees have been planted since 2021, 169 on-street EV chargers have been installed across our area as part of the VPach project, all of our winter gritting fleet is using Hydrotreated Vegetable Oil (HVO) instead of diesel and an EV refuse vehicle is being trialled. 37 councillors and 101 staff have completed a Carbon Literacy Course and Energy consumption of IT equipment has been reduced by 69,800 kWh - a carbon savings of 27.18 metric tonnes.

Since the declaration of a Climate and Environment Emergency, NNC has undertaken a number of projects and actions to ensure progress towards carbon neutrality, which will be detailed later in this report.

North Northamptonshire Council is starting the way it means to go on in doing our bit to tackle this great challenge. The steps we have taken so far are welcome, and it will be important to work closely with our communities as we make further progress over the coming years.



**Cllr Harriet Pentland**  
*Executive Member for Climate and the Green Environment*

# BACKGROUND

As part of North Northamptonshire Council (NNC) commitment to becoming a carbon neutral council by 2030, we developed our **Carbon Management Plan (CMP)**, published in December 2022, which set out our intention to tackle climate change and reduce CO<sub>2</sub> emissions.

This report provides an overview of progress made in delivering the CMP after its first year; December 2022 – December 2023, including recommended changes and proposed new activities. It also provides an update on the Council's carbon footprint, highlighting changes from the previous year's monitoring and original baseline.

Currently, the CMP includes 82 individual activities, which are organised into eight thematic areas, to include:

- 🌐 Assets & Environment
- 🌐 Behaviour
- 🌐 Carbon Offsetting
- 🌐 Carbon Sequestration & Biodiversity
- 🌐 Fleet
- 🌐 Highways & Waste
- 🌐 Procurement & Supply Chains
- 🌐 Travel





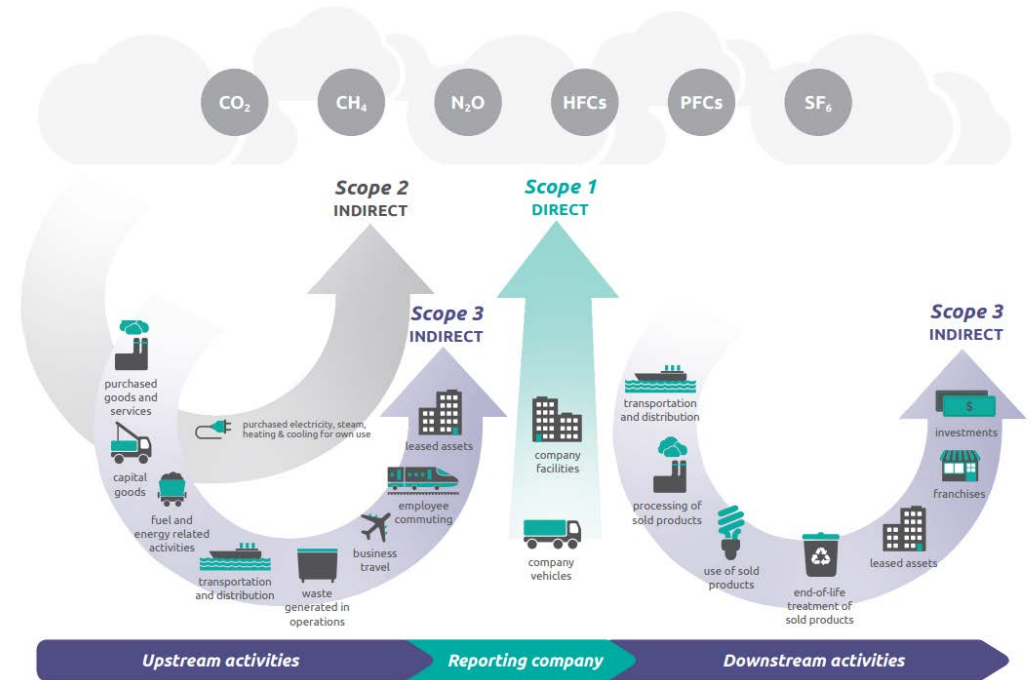
# CARBON FOOTPRINT

This section provides an inventory of greenhouse gas emissions for NNC for the financial year 2022/23.

## Methodology

The inventory has been calculated according to the **Greenhouse Gas (GHG) Protocol**, the most widely used and accepted methodology for greenhouse gas accounting. The GHG Protocol standards were used for the Council's 2021/22 carbon footprint calculations and will be used for all successive inventories. The GHG Protocol classifies emissions as either Scope 1, 2, or 3 (Figure 1).

The Council's Carbon Management Plan set out to establish the organisation's baseline carbon footprint. The plan detailed that as a new organisation we did not have a historic baseline of carbon emissions from which to work from, and that work would need to be undertaken to build on the quality of our emissions data in the coming years. This included expanding the range of Scope 3 reporting to consider the wider impact of our operations, with an anticipation that our reported CO<sub>2</sub> emissions would rise requiring a revised baseline. The inclusion of Scope 3 emissions goes beyond what is required of Local Authorities but has been included to illustrate the Council's commitment to climate change and transparency of the impact of its operations.



Below the Scope 1, 2, and selected Scope 3 emissions for the Council's carbon footprint will be outlined. Scope 1 and 2 measures those emissions associated with direct council-led operations, whilst Scope 3 elements of the footprint account for emissions associated with indirect activities.



## CARBON FOOTPRINT 2022/23

As part of this annual report, the 2022/23 carbon emissions for the Council have been calculated, with work undertaken to build upon the quality and completeness of our emissions data and expand the range of Scope 3 reporting.

For the 2022/23 financial year, NNC’s total carbon footprint was **20,084.25 tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e).**

This increase on the 2021/22 figure is attributable to:

- 🌐 the inclusion of Scope 3 emissions linked to the disposal of household waste collected from residents and businesses, and water supply and treatment;
- 🌐 the inclusion of Scope 1 fleet mileage emissions and an increase in staff business travel; and
- 🌐 an increase in natural gas usage following the collection of more accurate and complete datasets from Council assets

We have also retroactively updated the 2021/22 carbon footprint, to account for missing/ estimated natural gas data. The natural gas calculation was under reported by 2,709.96 consumption units or 496.4 tCO<sub>2</sub>e. The revised emissions calculation for 2021/22 is 14,103.91 tCO<sub>2</sub>e.

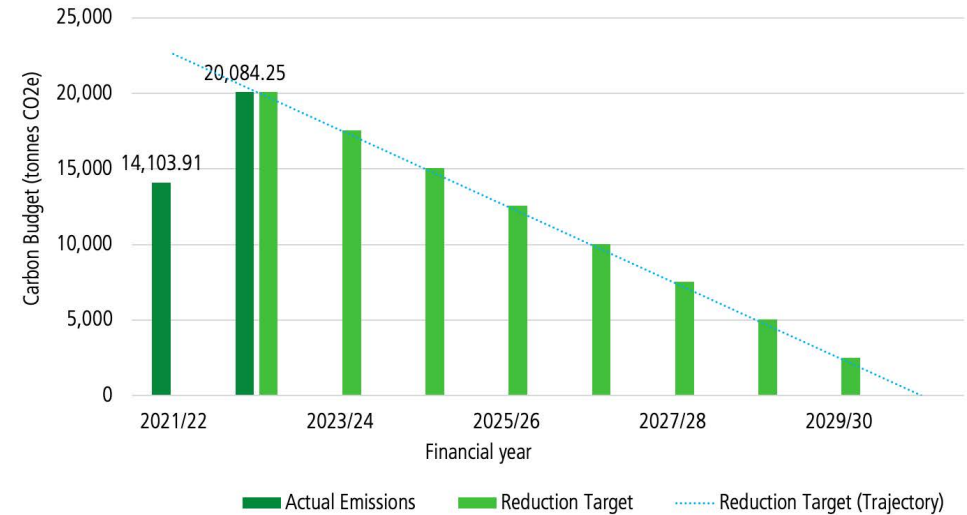
Whilst it may be seen as disappointing that the Council’s emissions have increased, the inclusion of wider reporting standards, in line with the Greenhouse Gas Protocol, only better serves to identify the positive actions we can take to tackle climate change and lead by example.

Going forward, the 2022/23 carbon footprint will be used as the Council’s baseline year as it provides a more accurate representation of emissions. This means our carbon neutral trajectory will be measured against this figure. Further work will need to be undertaken to analyse indirect Scope 3 emissions associated with the Council’s supply chain. The purpose of this work is to enable indirect Scope 3 emissions to be monitored and reported on annually and updated in line with prevailing best practice guidance.

The trajectory chart (figure 2) provides a full accounting of the Council’s 2021/22 and 2022/23 emissions data.

As indicated in the trajectory chart, we must reduce council emissions by 2510.5 tCO<sub>2</sub>e (12.5% of our baseline) each year to achieve our target of being carbon neutral by the 2030/31 financial year. This annual reduction is equivalent to 0.698 wind turbines running for a year or 95,150 incandescent light bulbs switched to LEDs.

Figure 2: Trajectory chart using the 2022/23 financial year as our new baseline



### Emissions:

Approximately 30% of measured emissions come from electricity and gas usage at council owned and operated buildings/ sites. Fleet mileage and fuel consumption account for 17.3% (The GHG Protocol recommends using a combination of fuel-based and distance-based calculation methodology for fleet emissions. This combination is used because carbon dioxide (CO<sub>2</sub>) is calculated from fuel use (litres), whereas methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O) are calculated from distance travelled (mileage)<sup>1</sup>. Whilst 23.3% of Scope 3 emissions are associated with the disposal of waste, water supply & treatment, and staff business travel. The total emissions chart (figure 3) provides a breakdown of each emission source by percentage, whereas the table (also figure 3) outlines total emissions by source.

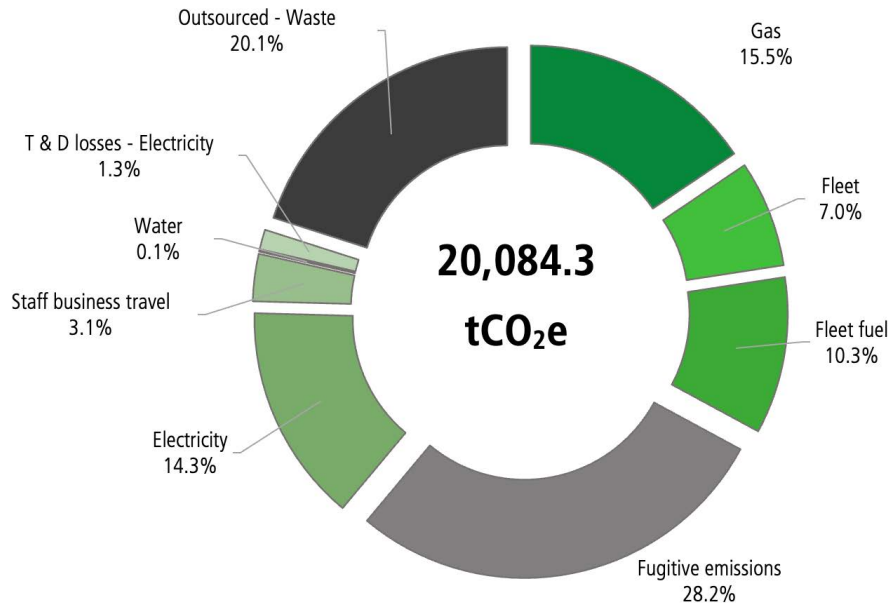
The next several pages in this section will explore NNC’s operational, building, and transport emissions and will explain Scopes 1, 2 and 3 in more detail.

<sup>1</sup>GHG Protocol, “Technical Guidance for Calculating Scope 3 Emissions, Category 4: Upstream Transportation and Distribution,” page 51, [Scope3\\_Calculation\\_Guidance\\_0.pdf](https://www.ghgprotocol.org/docs/default-source/technical-guidance/3-scope3-calculation-guidance-0.pdf) (ghgprotocol.org).



## FOOTPRINT BREAKDOWN: OPERATIONAL EMISSIONS

Figure 3: Total measured emissions 2022/23 financial year



Scope	Emissions Type	Emissions (tCO <sub>2</sub> e)
Scope 1	Gas	3,115.4
	Fleet	1,400.2
	Fleet fuel	2,070.5
	Fugitive emissions <sup>2</sup>	5,649.0
Scope 2	Electricity	2,877.9
	Staff business travel	613.8
Scope 3	Water	16.8
	Transmission & distribution (T&D) losses - Electricity <sup>3</sup>	263.3
	Outsourced - Waste	4,077.4
	<b>TOTAL</b>	<b>20,084.3</b>

Emissions associated with council operations represent a mix of direct and indirect emissions, which are linked to the Council’s direct operations and use of our buildings and assets. To include:

**Scope 1:** Natural gas (primarily for heating buildings and water), vehicle fuel consumption and mileage across the Council’s fleet<sup>4</sup>;

**Scope 2:** Electricity consumption within NNC owned and operated buildings, as well as streetlighting throughout the North Northants area; and

**Scope 3:** Outsourced – Waste (i.e., the disposal of refuse collected from NNC residents), water supply & treatment (arising from NNC operated buildings, where data is available), staff and business travel

<sup>2</sup>Fugitive emissions are associated with the unintentional leakage or discharge of gases from closed landfill sites and equipment (i.e., air conditioning units).

<sup>3</sup>T&D losses relates to electricity that is lost during transmission from the national grid.

<sup>4</sup>The GHG Protocol recommends using a combination of fuel-based and distance-based calculation methodology for fleet emissions. This combination is used because CO<sub>2</sub> is calculated from fuel use (litres), whereas CH<sub>4</sub> and N<sub>2</sub>O are calculated from distance travelled (mileage).



## OPERATIONAL EMISSIONS CONTINUED

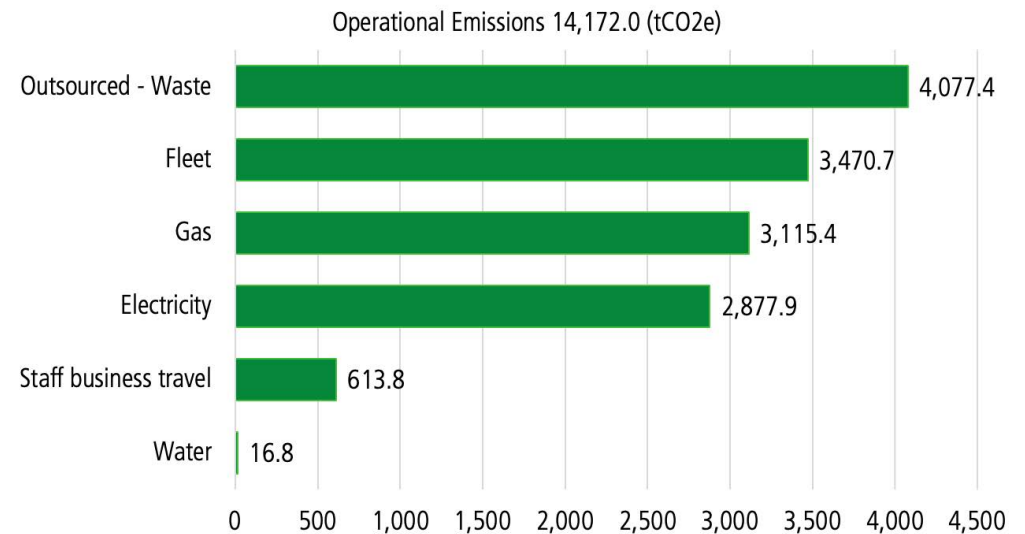
**Operational emissions total 14,172.00 tCO<sub>2</sub>e, or 71% of our total footprint.** Emissions not accounted for in the operational calculation include fugitive emissions (from refrigeration losses and the closed landfill emissions) and T&D losses – electricity. These emissions have however been included in the total footprint calculation.

**Building emissions**, including electricity and gas consumption, and the supply and treatment of water, account for 30% of emissions (\*streetlighting relates to 4.7% of total emissions), the largest operational source of emissions. Total emissions from gas and electricity across all council operated sites are 5,993.26 tCO<sub>2</sub>e, or 30% of our total carbon footprint.

**Transport emissions**, including the operation and use of the Council’s fleet vehicles (i.e., fleet mileage and fuel consumption) and business travel represent 20.4% of total emissions.

**Waste disposal** is outsourced, emissions related to this activity account for 20.3% of the total footprint (waste collection emissions are accounted for in the transport category).

Figure 4: Breakdown of operational emissions by source



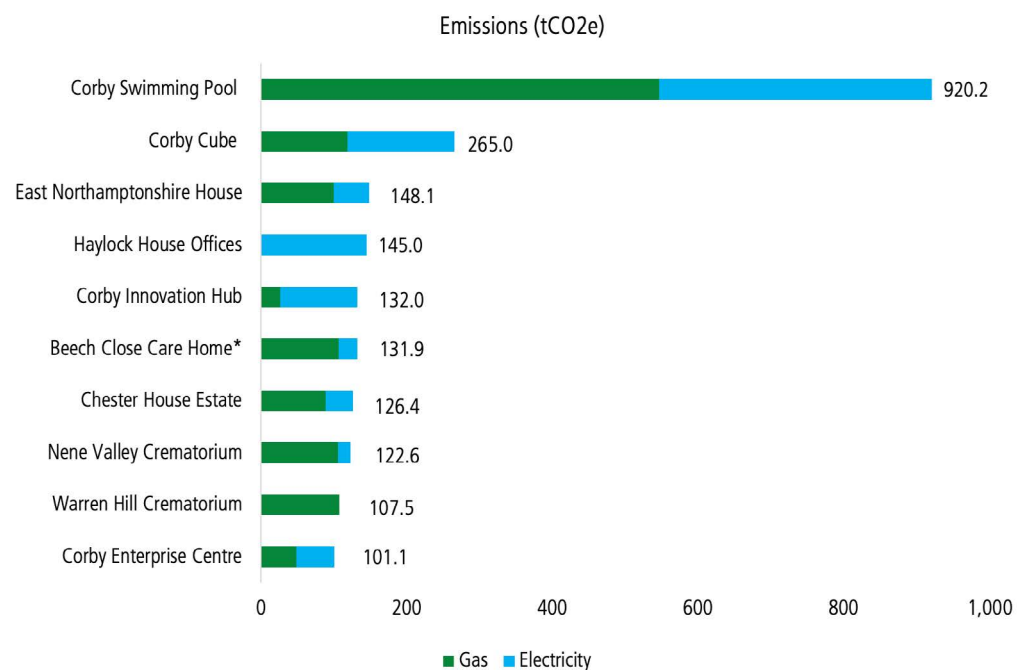


## FOOTPRINT BREAKDOWN: BUILDING EMISSIONS

The majority of carbon emissions from council operated sites are associated with council offices, leisure facilities and crematoriums. The top 10 energy emitting buildings are illustrated (figure 5).

The Council are investigating funding opportunities to enable decarbonisation work to commence on our top 2 emitting buildings - Corby Swimming Pool and Corby Cube.

Figure 5: Top 10 energy emitting buildings/ sites, ordered by total emissions



\*Beech Close Care Home has now closed; however, it is still accounted for in the Council's 2022/23 carbon footprint.





## FOOTPRINT BREAKDOWN: TRANSPORT EMISSIONS

The Council own and operate a large fleet of vehicles, the majority of which are diesel powered. **Emissions from council fleet vehicles account for 17.3%** of our carbon footprint. This includes vehicles used for refuse collection.

The majority of emissions from fleet vehicles are associated with the use of Heavy Goods Vehicles (HGVs). HGVs of all sizes account for 60% of emissions from fleet mileage.

The proportion of low carbon vehicles, coupled with alternative fuel sources, across the Council's fleet will need to increase to help enable our decarbonisation targets. We have tested a few HGVs and have even recently taken receipt of 1 electric refuse collection vehicle (eRCV); however, due to current technological constraints, namely in that most electric HGVs have a short range, adoption has been limited. As technology advances, we will continue to investigate low carbon alternatives for HGVs.

The Council's bunkered fuel supply (which is currently diesel) will be switched to a low carbon alternative - hydrogenated vegetable oil (HVO) over the next 4-years, which will result in a total CO<sub>2</sub> savings of 1606.97 tCO<sub>2</sub>e over the four-year period.

**Emissions associated with business travel total 613.8 tCO<sub>2</sub>e**, accounting for 3.1% of NNC's carbon footprint.

Business travel includes emissions associated with vehicles not directly operated by NNC, but which are used to perform council business (i.e., an employee using their own vehicles during business hours). Total mileage used to calculate business travel emissions was 1,380,012.0, with 61% of that figure coming from the Council's Adults, Health Partnerships & Housing directorate (figure 7).

Figure 6: Fleet mileage emissions by vehicle type

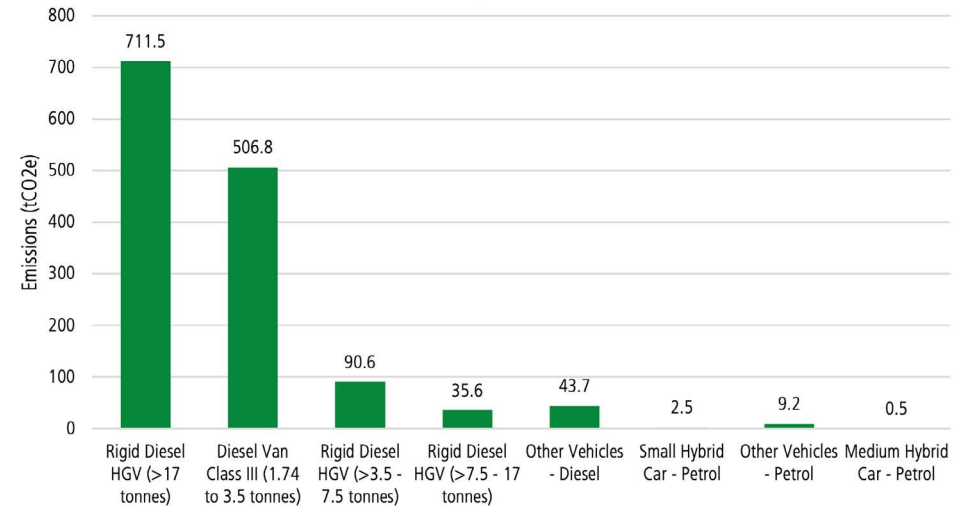
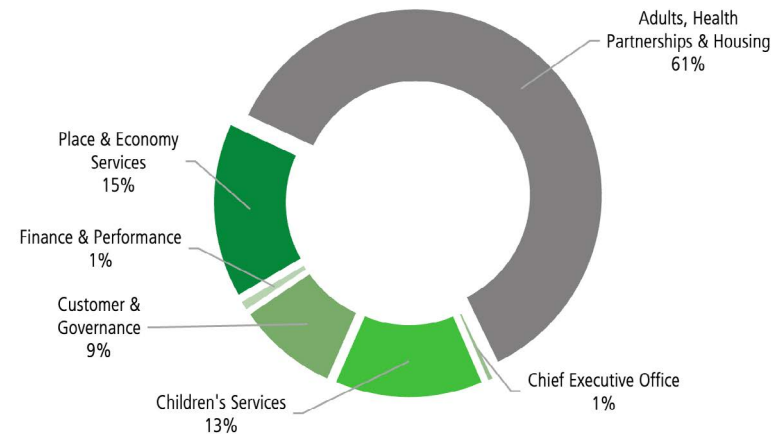


Figure 7: Business travel emissions by Directorate



# COUNCIL ACHIEVEMENTS



All of our winter gritting fleet is using **Hydrotreated Vegetable Oil (HVO)** instead of diesel

**9,832**

trees were planted during 2022/23 across North Northamptonshire



**37 members and 101 staff** have completed a Carbon Literacy Course

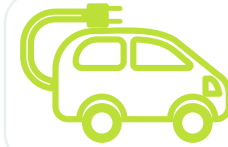


**20 urban parks** identified in Wellingborough suitable for a variety of living things for capturing and storing carbon



Carbon reduction and sustainability questions have been added to procurement exercises for contracts of **£100K or more**

**35%** of our power-driven hand tools for Highways services are now electric



**18%** of our newly ordered fleet is electric

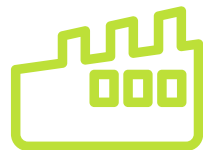
We have identified **15 council owned sites** where we can plant trees or enhance biodiversity



NNC has created the NNDecarb business grant scheme, which provides businesses with the opportunity to apply for a grant up to **£5,000 to help them increase energy efficiency**, move to a low carbon economy, or reduce greenhouse gas emissions



Energy consumption of IT equipment has been reduced by **69,800 kWh - a carbon savings of 27.18 tCO<sub>2</sub>e**



NNC formed a partnership with Electric Places and Tata Steel called DECODE-CORBY, which is a project aimed at transforming the area into a beacon of sustainable manufacturing

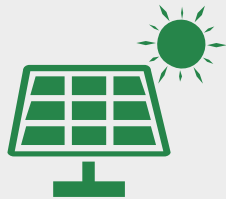


Developed a Climate Change Impact Assessment (CCIA) tool



**169 EV chargers** have been installed on-street across the North Northants area, **23 of which were installed this year**

**18 EV chargers** installed at council owned car parks



Stock condition surveys completed on **14 corporate buildings and 10 leisure facilities**, results/ recommended options from the surveys will be considered, costed up and benefits will be weighed to determine the next course of action to begin decarbonising top emitting buildings



Grounds Services are in the process of replacing approximately 350 petrol/ diesel driven hand tools with electric alternatives



Consolidation of energy management contracts to allow for better oversight of energy usage and data



Streetlighting update is underway to switch all halogen lamps to LED, once completed (Mar-25) the project will result in a **75% energy savings**



Hosted the NNClimate23 – climate change conference in November to coincide with COP28. The conference attracted **300 views on YouTube**





# FUNDING UPDATE

This section provides an accounting of the current position on our Climate Change Investment Fund.

As indicated in our Carbon Management Plan, the Council set aside £1M of funding to support our climate change agenda and decarbonisation efforts.

As of February 2024, **£468,326.50** has been awarded to various projects and services, to include:

Purpose	Funding awarded	Progress
Carbon literacy training for staff and councillors	<b>£20,909</b>	37 members, 101 staff completed a Carbon Literacy Course, 4 trainers are now certified to do internal training for staff
Energy and decarbonisation surveys for Corby Sports Centre and Swimming Pool	<b>£13,000</b>	All surveys completed
Energy and decarbonisation surveys for 10 corporate buildings with highest emissions	<b>£65,000</b>	All surveys completed
Procurement of battery-operated equipment	<b>£110,000</b>	In the process of replacing approximately 350 petrol/ diesel driven hand tools with electric alternatives
Procurement of 24 Stock Condition Surveys for corporate buildings	<b>£130,000</b>	All 24 surveys completed
Procurement of net zero and climate change adaptation and mitigation evidence base consultancy	<b>£31,500</b>	9 tasks in total, of which 2 have been signed off (the position statement and the site assessment criteria), 4 are in draft, 1 is in review, and two will be finalised in 2024/2025
Residential Energy Efficiency & Energy Officer post	<b>£50,000</b>	The officer started working for NNC in December 2023
Fleet Decarbonisation Options Report	<b>£22,917.50</b>	Inception meeting with the Supplier has taken place. Report deadline is 1st June 2024
Procurement of Environmental Justice location data	<b>£25,000</b>	Rollout is pending confirmation of resource availability in services

The next section of the report outlines progress made toward the delivery of the 82 activities within the CMP, to include the status and forward outlook for each activity.



# 2022/23 PROGRESS SUMMARY

**82**  
activities in  
the CMP

## RAG STATUS

		GREEN	AMBER	RED	BLUE
16 activities Assets & Environment		10	1	3	2
10 activities Behaviour		9			1
8 activities Carbon Offsetting		6		1	1
8 activities Carbon Sequestration & Biodiversity		6		1	1
13 activities Fleet		5		6	2
6 activities Highways & Waste		1		4	1
10 activities Procurement & Supply Chain		4		1	5
11 activities Travel		6			5

## ACTIVITY PERFORMANCE KEY (based on activity term):





- Green** This activity is on track to be delivered as planned
- Amber** This activity is facing some challenges to delivery; however, mitigation is in place and the delivery timeline is not impacted
- Red** This activity is facing considerable challenges, which will likely see the scope/ timeline for delivery impacted
- Blue** Activity delivered

## ACTIVITY COMPLETION STATUS



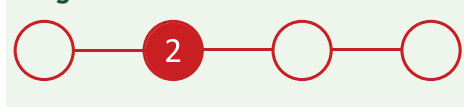





## Area/ Theme: Assets & Environment

Activity CMP001	Activity CMP002	Activity CMP003	Activity CMP004
<p>Set up a new energy management system</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>A new contract for an energy management system has been procured with Laser. This contract will cover all areas of the estate except Kettering. Kettering will continue to be managed on its existing contract until Oct-24 when it can be rationalised over to Laser.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review energy supply contracts, and seek to rationalise those into single source supply contracts</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>As part of the new energy management system, with Laser, all gas and electricity contracts, with the exception of buildings/ sites located in the Kettering area, will be reviewed with a view to consolidate on to the best energy deals. The contract with Laser commenced in March 2024.</p> <p><b>Forward Outlook:</b> Laser contract to commence for Kettering assets in October 2024. The rationalisation work to move existing contracts onto a suitable tariff will be ongoing for the duration of the contract.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Include recommended carbon reduction measures for a particular building from its decarbonisation survey, this will need to be completed for each building</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Stock conditions surveys have been completed for 14 corporate buildings and 10 leisure facilities.</p> <p><b>Forward Outlook:</b> Results/ recommendations from the surveys will be considered, costed up and benefits will be weighed to determine the next course of action. Further surveys will be undertaken on properties not currently identified as surplus, to identify possible future projects.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Form an estate decarbonisation working group to prioritise high energy use buildings for energy reduction projects, and funding bids</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>A decarbonisation working group has been formed. The group meet regularly, have started to develop a decarbonisation plan, and have submitted funding requests to support decarbonisation efforts.</p> <p><b>Forward Outlook:</b> The working group will continue to meet to identify additional means for estate decarbonisation.</p> <p><b>Progress &amp; RAG status</b></p> 



## Area/ Theme: Assets & Environment

Activity CMP005	Activity CMP006	Activity CMP007	Activity CMP008
<p>Install SMART meters on all council controlled and owned properties where prioritised for electricity and gas</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>This forms part of the Laser contract. Laser has the duration of the contract term (5-years) to complete work on installing smart meters This time period is thought to be appropriate given the size of the Council's building/ assets portfolio.</p> <p><b>Forward Outlook:</b> Work will be ongoing over the course of the next 5-years.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Obtain Energy Performance Certificates (EPCs) for all Council buildings where required to inform investment decisions</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>24 energy performance certificates (EPCs) have been received for top energy omitting buildings.</p> <p><b>Forward Outlook:</b> A further procurement exercise will need to be undertaken for additional EPCs. Buildings will be prioritised and EPCs will be procured via a phased approach.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Introduce an incremental estate energy improvement programme for key properties, using the existing planned maintenance programme to replace defective equipment with low emission alternatives</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>EPCs and stock conditions surveys are complete for 24 key properties. Results from the surveys and EPCs will be used to help form an incremental energy improvement plan.</p> <p><b>Forward Outlook:</b> Results identified as quick wins, such as switching to LED lighting in a particular building, will be incrementally implemented. A more extensive programme of work on top energy omitting buildings will be dependent upon the success of grant funding bids.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review Corporate (not service buildings) building operating times to reduce energy use, with a view to reducing times subject to business need</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The team are conducting a review of opening hours for a group of identified buildings.</p> <p><b>Forward Outlook:</b> Once agreed, new opening hours will be communicated to staff and Members.</p> <p><b>Progress &amp; RAG status</b></p> 



## Area/ Theme: Assets & Environment

### Activity CMP009

Ensure energy saving initiatives are incorporated in the decision making for the rationalisation programme when considering its office portfolio

**Delivery term:**

Short (by Mar-25)

**Delivery Update:**

(December 2022 – December 2023)

Building condition surveys have been completed on select properties.

**Forward Outlook:**

Survey outputs will be used to formulate energy saving initiatives within the office portfolio, and the ongoing Workspace Transformation rationalisation

**Progress & RAG status**



### Activity CMP010

Create an Energy Procurement Risk Management Strategy and potentially buy 100% green energy for our buildings, where technological advancements make this possible

**Delivery term:**

Medium (by Mar-27)

**Delivery Update:**

(December 2022 – December 2023)

The Executive approved the Energy Procurement Contract. The report considered the pros and cons of renewable energy contracts and determined to focus on improvements to reduce energy consumption by retrofitting assets, rather than buying green energy. This was due to the concerns related to Renewable Energy Guarantees of Origin (REGOs).

**Forward Outlook:**

N/A – Delivered

**Progress & RAG status**



### Activity CMP011

Set up an ongoing programme of energy reduction projects across our estate

**Delivery term:**

Medium (by Mar-27)

**Delivery Update:**

(December 2022 – December 2023)

Not Started

**Forward Outlook:**

Work to commence in 2025/ 26

**Progress & RAG status**



### Activity CMP012

Install SMART meters in council-controlled and owned buildings for water supplies

**Delivery term:**

Medium (by Mar-27)

**Delivery Update:**

(December 2022 – December 2023)

The team are liaising with Anglian Water regarding their smart meter roll out installation programme. Smart meters will be installed in line with their installation schedule.

**Forward Outlook:**

Delivery is dependent on supplier's planned programme of work, which is based on postcodes.

**Progress & RAG status**







## Area/ Theme: Assets & Environment

### Activity CMP013

Access grant funding to invest in estate decarbonisation

**Delivery term:**

Medium (by Mar-27)

**Delivery Update:**

(December 2022 – December 2023)

The decarbonisation working group has started to develop a decarbonisation plan. A grant application has also been submitted for £6M to decarbonise the Desborough Leisure Centre, Corby Swimming Pool, and Corby Cube.

**Forward Outlook:**

Pending the results of the funding bid, the working group will look to build a formal decarbonisation plan.

**Progress & RAG status**



### Activity CMP014

If the Council leases a privately owned property for service delivery, it will only consider a minimum EPC rating of A or B

**Delivery term:**

Long (by Jan-30)

**Delivery Update:**

(December 2022 – December 2023)

The team are working to raise awareness of this requirement to other service areas. EPC ratings are also considered when processing requests. Where the property is a lease renewal, costs to improve the property should form part of the service business plan.

**Forward Outlook:**

This activity will form part of the Asset Strategy, to be progressed in 2024.

**Progress & RAG status**



### Activity CMP015

Consider large scale renewable energy options, such as wind energy

**Delivery term:**

Long (by Jan-30)

**Delivery Update:**

(December 2022 – December 2023)

Not Started

**Forward Outlook:**

Exploratory conversations with suppliers to be arranged in 2024.

**Progress & RAG status**



### Activity CMP016

Linking with potential district energy schemes will be reviewed

**Delivery term:**

Long (by Jan-30)

**Delivery Update:**

(December 2022 – December 2023)

Not Started

**Forward Outlook:**






Project to be picked up by the sustainability team in the future.

**Progress & RAG status**










## Area/ Theme: Behaviour

Activity CMP057	Activity CMP058	Activity CMP059	Activity CMP060	Activity CMP061
<p>Integrate carbon literacy into staff induction and management</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>An in-house carbon literacy programme has been developed and integrated into the recommended training section of the staff induction pack.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Develop a new marketing and communication plan, with a focus on social media, to highlight the Council's carbon neutral approach and goals</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>A communications plan has been developed and internal activities are ongoing. External communications have yet to commence.</p> <p><b>Forward Outlook:</b> The sustainability team will look to commence work on external communications in the future.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Raise awareness of the benefits of reducing carbon emissions</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The carbon literacy training offer is regularly promoted on internal communication channels.</p> <p><b>Forward Outlook:</b> Efforts to continue raising awareness will be ongoing, using the Council's internal communication channels and training.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>All service plans amended to include considerations for carbon impact</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>A series of directorate guidance notes have been published on the staff intranet, to help officers think about climate considerations for their service areas.</p> <p><b>Forward Outlook:</b> All service plans to be amended for the 2024/25 financial year.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Promote energy saving practices amongst staff while in the office or onsite, and promote their adoption</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>A bi-monthly staff newsletter has been developed, which amongst other things, to promotes energy saving practices. In addition, a new sustainability module has been added to the staff training platform. Information has also been added to the NNC website.</p> <p><b>Forward Outlook:</b> Efforts to promote energy saving practices will continue internally.</p> <p><b>Progress &amp; RAG status</b></p> 



## Area/ Theme: Behaviour

Activity CMP062	Activity CMP063	Activity CMP064	Activity CMP065	Activity CMP066
<p>Promote our commitment to reducing climate emission on our employment processes</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Human Resources are working to amend the 'Why work for NNC' recruitment pages on our website, as well as the Appendix to the Written Statement (appendix to the employment contract) and online new hire induction. When complete, both areas will promote our carbon neutral commitment.</p> <p><b>Forward Outlook:</b> Delivery of this activity in 2024.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review technology and working arrangements in terms of sustainability including reducing energy use and recycling old electric kit</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Planning for the optimisation of datacentres is ongoing. The new datacentre will be located at Haylock House in Kettering. This work will help reduce energy demand from existing servers.</p> <p><b>Forward Outlook:</b> Exploratory conversations with suppliers to be arranged in 2024.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review co-benefits of carbon reduction for staff</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> Work to commence in the 2025/26 financial year.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review opportunities to support staff to reduce carbon emissions</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The carbon management team have worked to support officers by providing advice, guidance and, recommendations to enable teams to work toward carbon reduction.</p> <p><b>Forward Outlook:</b> Work on this activity is ongoing and will last for the duration of the carbon management plan.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review how effective internal practices have been towards introducing low carbon working practices</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not started</p> <p><b>Forward Outlook:</b> Work to commence in the 2027/28 financial year.</p> <p><b>Progress &amp; RAG status</b></p> 



## Area/ Theme: Carbon Offsetting

### Activity CMP075

Establish a project team and officer responsible for delivering carbon offsetting

**Delivery term:**  
Short (by Mar-25)

**Delivery Update:**  
(December 2022 – December 2023)

A Green team has been established from the Sustainability team and Assets & Environment team.

**Forward Outlook:**  
N/A - Delivered

**Progress & RAG status**



### Activity CMP076

Pilot Solar PV technology at sites to demonstrate payback and impact

**Delivery term:**  
Short (by Mar-25)

**Delivery Update:**  
(December 2022 – December 2023)

To form part of the Workspace Transformation project, as part of building improvements work.

**Forward Outlook:**  
Suitable land/ buildings to be identified, and consultancy expertise to be procured.

**Progress & RAG status**



### Activity CMP077

Review potential for wider benefit for community and business sector energy schemes

**Delivery term:**  
Short (by Mar-25)

**Delivery Update:**  
(December 2022 – December 2023)

Schools have researched solar projects and the benefits of these are under review. Funding sources are being investigated.

**Forward Outlook:**  
A working group for schools will be formed to undertake this work

**Progress & RAG status**



### Activity CMP078

Implement Large scale renewable energy schemes, subject to appraisal and approval

**Delivery term:**  
Medium (by Mar-27)

**Delivery Update:**  
(December 2022 – December 2023)

Not Started – linked to CMP015





**Forward Outlook:**  
Options to be explored in 2024/25.

**Progress & RAG status**









## Area/ Theme: Carbon Offsetting

Activity CMP079	Activity CMP080	Activity CMP081	Activity CMP082
<p>Phase 1- Solar photovoltaic panels</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Sites have been identified and presented to the Assets Scrutiny Board. This forms part of the recent Decarbonisation bid - outcome will be known by Quarter 1 2024/25 financial year.</p> <p><b>Forward Outlook:</b> Pending outcome of grant funding the next stage would be to cover off project funding and governance approvals.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Phase 2- Heat generation</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Work to be considered as part of the Workspace Transformation project. It also forms part of recent Decarbonisation bid - outcome will be known by Quarter 1 2024/25 financial year.</p> <p><b>Forward Outlook:</b> Pending outcome of grant funding the next stage would be to cover off project funding and governance approvals.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Phase 3- District energy scheme in Corby</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> Project to be picked up by the Sustainability team in the future.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Create a renewable energy funding model for council partners</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> Project to be picked up by the Sustainability team in the future.</p> <p><b>Progress &amp; RAG status</b></p> 






## Area/ Theme: Carbon Sequestration & Biodiversity

Activity CMP067	Activity CMP068	Activity CMP069	Activity CMP070
<p>Establish a project team responsible for delivering carbon sequestration</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>A project team has been established and meets regularly to discuss progression of the sequestration activities.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Identify local authority assets suitable for biodiversity and carbon sequestration</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>15 urban greenspace sites have seen pollinator habitat improvements this year. The working group are also trying to secure our land asset spatial data to overlay with biodiversity information to inform multifunctional assets.</p> <p><b>Forward Outlook:</b> Further work is underway to identify additional suitable sites. The team are also exploring what can be delivered in-house within our woodlands.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Work with partners to identify funding opportunities for large scale sequestration projects</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The team are working in partnership with key organisations, through the Rockingham Forest Vision Group, to identify suitable land under NNC ownership. Challenge is securing up to date land asset information.</p> <p><b>Forward Outlook:</b> A feasibility study for Sywell and Irchester Country Parks will provide information on whether land could be acquired for biodiversity enhancements.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Identify total number of trees that could be planted on suitable sites</p> <p><b>Delivery term:</b> Short (by Mar-25))</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Woodland Accelerator work is underway, and the team continue to plant trees throughout the North Northants area.</p> <p><b>Forward Outlook:</b> Funding for larger scale planting via the Woodland Accelerator programme runs out 31st March 2025. Work will continue until this time, at which point new options will need to be explored. Standard tree planting activities will continue within the Council's parks, woodlands and open spaces.</p> <p><b>Progress &amp; RAG status</b></p> 








## Area/ Theme: Carbon Sequestration & Biodiversity

Activity CMP071	Activity CMP072	Activity CMP073	Activity CMP074
<p>Plant pilot site(s)</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>This activity is part of the planned Woodland Accelerator work; however, work on this particular activity has not yet commenced.</p> <p><b>Forward Outlook:</b> Once work commences, the team will work with partners in the Rockingham Forest Vision Group to reinstate lost portions of the Rockingham Forest. Conversations with private landowners to also commence.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Encourage local private and public funded initiatives, which would need to be certified, i.e., housing developers and local charities</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Grant obtained from the Coronation Orchards scheme - to fund small scale planting by community groups. A grant was also obtained for Micro Forest creation; of which two sites have been identified with approx. 1,200 trees to be planted.</p> <p><b>Forward Outlook:</b> Work on this activity will link in with the Biodiversity Net Gain (BNG) scheme lining developers with options to spend credits.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Create new, certified, sustainable woodlands</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>This activity has been combined with CMP070. It was agreed that establishing new woodlands would result in a duplication of efforts in support of the delivery of CMP070.</p> <p><b>Forward Outlook:</b> N/A – Combined with CMP070</p> <p><b>Progress &amp; RAG status</b> N/A</p>	<p>Continue programme of tree planting to maximise ongoing carbon sequestration</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>9,832 trees/whips planted to date - target is 10,000.</p> <p><b>Forward Outlook:</b> Standard tree planting exercise will continue within the Council’s parks and the woodlands and open spaces.</p> <p><b>Progress &amp; RAG status</b></p> 



## Area/ Theme: Fleet

Activity CMP023	Activity CMP024	Activity CMP025	Activity CMP026	Activity CMP027
<p>Energy Savings Trust – Fleet Decarbonisation Report</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The team were informed that the Energy Savings Trust (EST) no longer provide funding for this report, as such a request for quote (RFQ) for a fleet decarbonisation options appraisal was submitted and supplier bids received.</p> <p><b>Forward Outlook:</b> Fleet Decarbonisation Report due in-house in May.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>New fleet replacements consider zero emission vehicles and non-fossil fuel alternatives where practicable</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>As contracts for fleet vehicles require new tendering, low carbon vehicles will be considered where it is practical and where technology can support demand on the vehicle(s).</p> <p><b>Forward Outlook:</b> Same as above</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Conduct pilots of electric HGV vehicles for refuse collection rounds</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Pilot conducted on 1 Electric Refuse Collection Vehicle (eRCV).</p> <p><b>Forward Outlook:</b> Further pilots will be conducted as current leases expire.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Introduce staff awareness as part of driver trainer and assessment courses</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>This activity forms part of fleet within Highways, which is covered by the new contract with Kier.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review the cost benefit analysis of introducing alternative low carbon fuels supplies for the Council's bunkered fuel supply</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>As part of the 2024/25 financial budget forecast analysis was undertaken to weigh the costs and benefits of introducing a low carbon fuel supply, specifically hydrogenated vegetable oil (HVO).</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 





## Area/ Theme: Fleet

### Activity CMP028

Review and fit charging infrastructure on key sites (Internal fleet & public)

**Delivery term:**  
Short (by Mar-25)

**Delivery Update:**  
(December 2022 – December 2023)

Charging infrastructure for the 8 new electric vehicles (EVs) and 1 eRCV has been installed at the Wellingborough Depot. To date 169 public charging points have been installed throughout the North Northants area.

**Forward Outlook:**  
For internal fleet charging: next steps will be to review the results of the fleet decarbonisation report and submit a Capital Board proposal for relevant infrastructure funding.  
For public charging infrastructure: the goal is to install 81 more (there will be 250 in total) charge points by the end of 2025.

**Progress & RAG status**



### Activity CMP029

Replace leased vehicles with carbon neutral alternatives where possible. This will likely be possible from 2027 onwards due to contractual commitments

**Delivery term:**  
Medium (by Mar-27)

**Delivery Update:**  
(December 2022 – December 2023)

8 new EVs and 1 new eRCV have been leased for the Wellingborough Depot. All other vehicles are on a combined fleet contract that expires in September 2027.

**Forward Outlook:**  
Options will be explored as lease contracts near expiration.

**Progress & RAG status**



### Activity CMP030

Ensure all hired cars and vans are carbon neutral

**Delivery term:**  
Medium (by Mar-27)

**Delivery Update:**  
(December 2022 – December 2023)

Not Started

**Forward Outlook:**  
Work to commence in 2025/26

**Progress & RAG status**



### Activity CMP031

Explore replacing/improving the carbon efficiency of specialist vehicles, such as gritters and refuse collectors

**Delivery term:**  
Medium (by Mar-27)

**Delivery Update:**  
(December 2022 – December 2023)

1 eRCV has been received. The entire winter gritter fleet all now utilising HVO fuel instead of diesel.





**Forward Outlook:**  
The team will continue to review options for additional low carbon specialist vehicles as leases expire and technology improves.

**Progress & RAG status**





## Area/ Theme: Fleet

Activity CMP032	Activity CMP033	Activity CMP034	Activity CMP035
<p>Infrastructure ready and in place for carbon neutral fleet</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>See CMP028</p> <p><b>Forward Outlook:</b> Pending the outcome of CMP028, internal infrastructure will be procured in readiness for when new EVs are ordered.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Driver training operating &amp; maintaining new technology</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Training for the eRCV took place in January 2024.</p> <p><b>Forward Outlook:</b> Further training courses and operating procedures will be implemented as and when new vehicles are introduced.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Carbon neutral fleet</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>See CMP029</p> <p><b>Forward Outlook:</b> We are looking to introduce 25% of bulk fuel in 2024/25 to be HVO, instead of diesel, equating to a circa 80% carbon saving on diesel (litre for litre).</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Consider alternatives where practical for specialist vehicles – based on new technology availability</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>See CMP029</p> <p><b>Forward Outlook:</b> Options will be explored as lease contracts near expiration.</p> <p><b>Progress &amp; RAG status</b></p> 








## Area/ Theme: Highways & Waste

Activity CMP017	Activity CMP028	Activity CMP019	Activity CMP020	Activity CMP021	Activity CMP022
<p>Use modern technology to reduce the energy consumption of our streetlights, including upgrades to LED lighting</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Balfour Beatty are working across NNC to update Halogen streetlighting to LED. As of the end of December 2023, 4,815 lights have been upgraded.</p> <p><b>Forward Outlook:</b> The LED streetlighting switch over is estimated to take 2-years, completion in June 2026.</p> <p><b>Progress &amp; RAG status</b></p>	<p>Remove unnecessary illuminated assets from portfolio to reduce our energy consumption</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The Highways team are working to change existing halogen illuminated assets to LED. A bid has been submitted to the Traffic Signals Obsolescence Grant fund to support this programme of work as well as other related technology upgrades.</p> <p><b>Forward Outlook:</b> If the bid is successful a programme of work can be developed.</p> <p><b>Progress &amp; RAG status</b></p>	<p>Switch vehicles less than 3.5t within the Council's highways maintenance contract to electric or ultra-low emissions</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Kier Group (NNC's Highways contractor) continue to trial electric vehicles as and when more improved technology becomes available.</p> <p><b>Forward Outlook:</b> Same as delivery update</p> <p><b>Progress &amp; RAG status</b></p>	<p>Utilise hydrotreated vegetable oil (HVO) as an alternative to diesel in the Council's winter gritting fleet</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>100% of our winter gritting fleet are using hydrotreated vegetable oil (HVO) instead of diesel.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p>	<p>Replace petrol driven hand-tools and plant with electric powered tools</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>35% of petrol driven hand tools have been replaced with electric tools where it is safe and practical to do so. Heavier power tools are not felt to be suitable at this time.</p> <p><b>Forward Outlook:</b> Electric alternatives will continue to be trialled as new technology is developed.</p> <p><b>Progress &amp; RAG status</b></p>	<p>Decarbonise the plant and fleet used by our Highways contractor by 2027</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Kier Group continue to utilise market research into the viability of electric vehicles for highway maintenance work.</p> <p><b>Forward Outlook:</b> Same as delivery update</p> <p><b>Progress &amp; RAG status</b></p>








## Area/ Theme: Procurement & Supply Chain

Activity CMP047	Activity CMP048	Activity CMP049	Activity CMP050	Activity CMP051
<p>Include low carbon considerations in the Council's purchasing decisions</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Work is ongoing to include low carbon considerations in the Council's purchasing decisions. This aim is being achieved as a result of the other indicators, such as the development of carbon reduction related questions being introduced. This activity has been delivered for contracts valued above £25K</p> <p><b>Forward Outlook:</b> Investigate options for amending low value contract/ purchase order Terms and Conditions.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Consider low carbon options and proposals as part of the design and procurement of construction projects</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>As of November 2023, all future construction projects will include carbon considerations equal to and above £100k.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Develop a range of carbon reduction related questions as part of all procurement processes</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The questions have been created and approved and will be used on all projects equal to and above £100k, with some specifically being asked from projects from £5m.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Review all existing environmental/ sustainability questions asked as part of procurement processes</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The questions have been created and approved. They will be used on all projects equal to and above £100k.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Assess government guidance on carbon reduction and the environment to add to our procurement processes</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Carbon Reduction plans are to be requested when procurements are issued from £5m.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 



## Area/ Theme: Procurement & Supply Chain

Activity CMP052	Activity CMP053	Activity CMP054	Activity CMP055	Activity CMP056
<p>Develop the Council's scope 3 reporting arrangements</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Work is ongoing to identify consultancy suppliers for Scope 3 reporting. The result of which will help Procurement understand the benefits of adopting a reporting tool, and how it could be configured to help map the Council's spend data.</p> <p><b>Forward Outlook:</b> System demonstrations to be arranged with suppliers who are able to provide Scope 3 reporting tools.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>For all contracts that are procured as part of the tender process, suppliers must detail the actions that they are taking to achieve carbon neutrality</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>For procurements equal to and above £100k relevant questions will be asked as part of the tender process, to ask suppliers to detail the actions they are taking to become carbon neutral.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>More contracts equal to and above the Key Decision value threshold (£500k) for local businesses where possible, based on circular economy principles</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> Work to commence in April 2025</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Actively promote zero carbon supply chains</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Work is ongoing to investigate how the Council could facilitate this activity.</p> <p><b>Forward Outlook:</b> Procurement is looking to plan a council-wide supplier event in 2024 to further communicate the aspirations of the Council regarding its carbon neutral agenda.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Promote the use of local, sustainable supply chains</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Work is ongoing to investigate how the Council could look to promote this information.</p> <p><b>Forward Outlook:</b> Procurement is looking to plan a council-wide supplier event in 2024 to further communicate the aspirations of the Council regarding its carbon neutral agenda.</p> <p><b>Progress &amp; RAG status</b></p> 








## Area/ Theme: Travel

Activity CMP036	Activity CMP037	Activity CMP038	Activity CMP039	Activity CMP040	Activity CMP041
<p>New ways of working through Future Ways of Working Strategy – adopting a hybrid model of working</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The Council has adopted a hybrid model of working.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p>	<p>Look to standardise management responsibilities through appraisal process and monitoring</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>There is now a standardised appraisal process.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p>	<p>Report business mileage / claims to enable Directorate led plans to reduce the business travel emissions in their services</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Business mileage is captured monthly and then reported to the carbon management team quarterly.</p> <p><b>Forward Outlook:</b> This activity is ongoing, so mileage will continue to be captured and reported.</p>	<p>Review and update of related council policies for business travel</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The Council's business travel policy has been reviewed and is fit for purpose.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p>	<p>Low carbon courses available for driving electric scooters and bicycles</p> <p><b>Delivery term:</b> Short (by Mar-25)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>E-bicycles and e-scooters, provided by VOI, are available across North Northants. VOI continually monitor and improve the safety of these transport types. One of their methods is to encourage all users to do a compulsory safety awareness course (online) before they can use e-bikes or e-scooters.</p> <p><b>Forward Outlook:</b> N/A - Delivered</p>	<p>Promotion of cycle to work &amp; car share schemes</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>The cycle to work scheme was promoted 4 times with varied take up by staff over the past 18 months. Apr-Jun 22 - 11 applications; Sept-Oct 22 - 2 apps; Feb-Mar 23 - 0 apps; Jun-July 23 - 9 apps.</p> <p><b>Forward Outlook:</b> The team will investigate varying the application windows in future and will work with external partners to promote third-party discounts and competitions. Due to our current hybrid working strategy a car sharing scheme could be less impactful, as a result options for a car sharing scheme will be reviewed in the 2024/25 financial year.</p>
<p><b>Progress &amp; RAG status</b></p>	<p><b>Progress &amp; RAG status</b></p>	<p><b>Progress &amp; RAG status</b></p>	<p><b>Progress &amp; RAG status</b></p>	<p><b>Progress &amp; RAG status</b></p>	<p><b>Progress &amp; RAG status</b></p>



## Area/ Theme: Travel

Activity CMP042	Activity CMP043	Activity CMP044	Activity CMP045	Activity CMP046
<p>Local infrastructure for staff travel introduced (e.g., EV charging points)</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>For staff charging points, the plan is to produce a more wide-ranging EV strategy which will cover facilities for staff</p> <p><b>Forward Outlook:</b> Procurement expected to begin in 2024, after external funding has been secured.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Commuting – staff and members actively encouraged to low carbon commute</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> This activity will be picked by the Sustainability team in the future.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Action(s) for Grey Fleet Review (the use of personal vehicles for business purposes).</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Delivered</p> <p><b>Forward Outlook:</b> N/A - Delivered</p> <p><b>Progress &amp; RAG status</b></p> 	<p>A sustainable travel plan for all work locations will be in place (e.g., EV charging points, showers, bike lock ups etc)</p> <p><b>Delivery term:</b> Medium (by Mar-27)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> To form part of the Workspace Transformation project, as part of building improvements work.</p> <p><b>Progress &amp; RAG status</b></p> 	<p>Develop an approach and policy to reduce grey fleet emissions as much as possible</p> <p><b>Delivery term:</b> Long (by Jan-30)</p> <p><b>Delivery Update:</b> (December 2022 – December 2023)</p> <p>Not Started</p> <p><b>Forward Outlook:</b> This activity will be picked by the Sustainability team in the future.</p> <p><b>Progress &amp; RAG status</b></p> 



# CHANGES & NEW ACTIVITIES

## CHANGES

In the first iteration of the CMP all 82 activities were allocated a delivery term of short, medium, or long. Over the course of the last year work has commenced on the majority of short- and medium-term activities. However, it has become apparent that the original prescribed delivery terms are not all feasible, largely due to contractual limitations and the complexity of work that needs to take place to deliver each activity. Out of the 82 activities, 16 have a Red RAG status meaning they face considerable challenges, which will likely see the scope/ timeline for delivery impacted. As such, to mitigate blockages and enable on time delivery, activities outlined (figure 8) represent those that will now change delivery terms.

Number	Activity description	Rationale for change	Current delivery term	New delivery term
CMP002	Review energy supply contracts, and seek to rationalise those into single source supply contracts	Per the terms of the Laser Energy Management contract the supplier has the duration of the contract term (3-years, plus the option for a 2-year extension) to complete the rationalisation work on moving existing contracts to suitable energy tariff.	Short	Medium
CMP003	Include recommended carbon reduction measures for a particular building from its decarbonisation survey - this will need to be completed for each building	24 surveys have been conducted; however, it will take time and considerable resources to undertake the recommended carbon reduction measures from the decarbonisation surveys. In addition, further surveys will need to be procured for key properties, and again this will be costly and time consuming.	Short	Long
CMP005	Install SMART meters on all council controlled and owned properties where prioritised for electricity and gas.	Due to the terms of the Laser energy management contract, the supplier has 5-years to coordinate the installation of gas and electricity meters across all Council owned and operated assets.	Short	Medium
CMP017	Use modern technology to reduce the energy consumption of our streetlights, including upgrades to LED lighting	The PFI streetlighting update is underway. Balfour Beatty have changed 3 lighting features so far. The entire programme of work is estimated to be complete in 28 months (2 yrs. 3 mos.), which means this activity cannot be delivered by Mar-25 (it should be delivered by Jun-26 given the current timeline).	Short	Medium
CMP018	Remove unnecessary illuminated assets from portfolio to reduce our energy consumption	Work is tied to the Kier Group, Highways contract. Halogen illuminated assets will be phased out over time, throughout the duration of the Kier Highways contract. Work is estimated to be complete by Oct 2029.	Short	Long





Number	Activity description	Rationale for change	Current delivery term	New delivery term
CMP019	Switch vehicles less than 3.5t within the Council's highways maintenance contract to electric or ultra-low emissions	Kier Group continue to evaluate new options as they come to market; however, technology is not anticipated to be reliable enough to support use for several years. Kier has the duration of the Highways contract term (Oct 2029) to make the switch.	Short	Long
CMP021	Replace petrol driven hand-tools and plant with electric powered tools	Hand tools have been replaced where it is safe and practical to do so; however, electric alternatives are not fit for purposes in all circumstances and Kier will need to wait for new tech to become available. Again, Kier has the duration of the contract term to make the switch.	Short	Long
CMP024	New fleet replacements consider zero emission vehicles and non-fossil fuel alternatives where practicable	The majority of the authority's fleet vehicles are on a combined contract that does not expire until September 2027, as such it is recommended that the delivery term is changed to account for the limitations posed by the existing fleet contract.	Short	Long
CMP028	Review and fit charging infrastructure on key sites (Internal fleet & public)	Work is underway on this activity; however, due to work required to improve the grid at our depots, as well as the timeline associated with the existing fleet contract, delivery of internal charging infrastructure for the Council's fleet will not be completed until nearer to the new fleet contract and arrival of new vehicles in 2027.	Short	Medium
CMP029	Replace leased vehicles with carbon neutral alternatives where possible. This will likely be possible from 2027 onwards due to contractual commitments	Same as CMP024	Medium	Long





Number	Activity description	Rationale for change	Current delivery term	New delivery term
CMP031	Explore replacing/ improving the carbon efficiency of specialist vehicles, such as gritters and refuse collectors	Same as CMP024	Medium	Long
CMP033	Driver training operating & maintaining new technology	This activity is linked to 024, 029, and 031 in that training will occur as and when new vehicles are procured and received in-house. As a result, this activity will be ongoing for the duration of the programme of works.	Medium	Long
CMP052	Develop the Council's scope 3 reporting arrangements	Given the complexities of Scope 3 emissions and the limited information available about them, it is challenging to accurately calculate and report on them at present. By implementing effective monitoring, engaging with suppliers, and promoting sustainable practices, we are working towards understanding and reducing Scope 3 emissions. However, this is a huge task that will take years to implement.	Short	Medium
CMP069	Work with partners to identify funding opportunities for large scale sequestration projects	Given the limited availability of funding from central government and possible land storages for large scale projects it is recommended that this activity be moved from short to medium term	Short	Medium
CMP081	Phase 3- District energy scheme in Corby	Due to the complexity of developing a district energy scheme and limited resource availability it is recommended that this activity be moved from medium to long term.	Medium	Long

# NEW ACTIVITIES

A request was put out to officers asking for recommendations for new CMP activities to help the Council reduce carbon emissions. The following activities have been selected from the list of proposed ideas and will now be added to the CMP:

## ASSETS & ENVIRONMENT Medium term (2-5 years)

- 🌐 Review the feasibility of installing Blue Green Roof on select council buildings
- 🌐 Retrofit landlord lighting to LED and motion activated
- 🌐 Introduce energy reduction practices within council care homes
- 🌐 Install motion activated lighting at council owned car parks

## HIGHWAYS & WASTE Medium term (2-5 years)

- 🌐 Promote and incentivise recycling across the Council's operational buildings

## CARBON OFFSETTING Medium term (2-5 years)

- 🌐 Conduct feasibility analysis of new and emerging technologies available for reducing the impact of the Council's waste on the environment through residual biomass and recycling
- 🌐 Investigate a biodiversity net gain proposal to allow the Council to sell units

## BEHAVIOUR Short term (1-2 years)

- 🌐 Introduce a requirement to procure recycled stationary
- 🌐 Multifunction Device (MFD) printer replacement in council offices
- 🌐 Replace existing workstation docking stations with low carbon alternatives (i.e., dongles)

## FLEET Medium term (2-5 years)

- 🌐 Implementation of low carbon fleet operating practices

## BEHAVIOUR Long term (5 years+)

- 🌐 Creation of a Power BI CO<sub>2</sub> emissions dashboard

