

# Agenda

## Environment Committee Meeting

Date: Thursday, 2 November 2023

Time 7.00 pm

Venue: Council Chamber, Swale House, East Street, Sittingbourne, ME10 3HT\*

Membership:

Councillors Roger Clark, Mike Henderson, Carole Jackson, Rich Lehmann (Chair), Charlie Miller, Pete Neal, Chris Palmer, Ashley Shiel, Julien Speed, Paul Stephen, Sarah Stephen, Angie Valls, Mike Whiting, Chris Williams and Dolley Wooster (Vice-Chair).

Quorum = 5

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Pages

### Information about this meeting

\*Members of the press and public can listen to this meeting live. Details of how to join the meeting will be added to the website by 1 November 2023.

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#### 1. Emergency Evacuation Procedure

Visitors and members of the public who are unfamiliar with the building and procedures are advised that:

- (a) The fire alarm is a continuous loud ringing. In the event that a fire

drill is planned during the meeting, the Chair will advise of this.

- (b) Exit routes from the chamber are located on each side of the room, one directly to a fire escape, the other to the stairs opposite the lifts.
  - (c) In the event of the alarm sounding, leave the building via the nearest safe exit and gather at the assembly point on the far side of the car park. Do not leave the assembly point or re-enter the building until advised to do so. Do not use the lifts.
  - (d) Anyone unable to use the stairs should make themselves known during this agenda item.
2. Apologies for Absence
  3. Minutes

To approve the [Minutes](#) of the meeting held on 7 September 2023 (Minute Nos. 270 – 274) as a correct record.

4. Declarations of Interest

Councillors should not act or take decisions in order to gain financial or other material benefits for themselves, their families or friends.

The Chair will ask Members if they have any disclosable pecuniary interests (DPIs) or disclosable non-pecuniary interests (DNPIs) to declare in respect of items on the agenda. Members with a DPI in an item must leave the room for that item and may not participate in the debate or vote.

Aside from disclosable interests, where a fair-minded and informed observer would think there was a real possibility that a Member might be biased or predetermined on an item, the Member should declare this and leave the room while that item is considered.

Members who are in any doubt about interests, bias or predetermination should contact the monitoring officer for advice prior to the meeting.

### **Part B reports for the Environment Committee to decide**

- |    |   |         |
|----|---|---------|
| 5. | Climate and Ecological Emergency Annual report 2023 draft | 5 - 60  |
| 6. | BBQs in public places - review                            | 61 - 68 |
| 7. | Forward Decisions Plan                                    | 69 - 70 |

**Issued on Monday, 23 October 2023**

The reports included in Part I of this agenda can be made available in alternative formats. For further information about this service, or to arrange for special facilities to be provided at the meeting, please contact [democraticservices@swale.gov.uk](mailto:democraticservices@swale.gov.uk). To find out more about the work of this meeting, please visit [www.swale.gov.uk](http://www.swale.gov.uk)

**Chief Executive, Swale Borough Council,  
Swale House, East Street, Sittingbourne, Kent, ME10 3HT**

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<b>Environment Committee</b>	
<b>Meeting Date</b>	2 November 2023
<b>Report Title</b>	Annual Climate and Ecological Emergency Progress Report
<b>EMT Lead</b>	Emma Wiggins, Director Regeneration and Neighbourhoods
<b>Head of Service</b>	Martyn Cassell, Head of Environment and Leisure
<b>Lead Officer</b>	Janet Hill, Climate Change Officer
<b>Classification</b>	<b>Open</b>
<b>Recommendations</b>	<ol style="list-style-type: none"><li>1. Note progress.</li><li>2. To take the report to Council in January.</li><li>3. To return to the Environment Committee with a revised Action Plan in July 2024.</li></ol>

## **1 Purpose of Report and Executive Summary**

- 1.1 On 26 June 2019 the Council declared a Climate and Ecological Emergency setting ourselves challenging targets to achieve net zero carbon for the council by 2025 and net zero carbon across the borough by 2030.
- 1.2 Part of the declaration requires an annual progress report to be taken to Council in January each year.
- 1.3 This is the fifth annual report covering the activities undertaken towards achieving our targets during 2023.
- 1.4 It is very positive to be able to report the amount of progress made despite the pressures on the Council from the pandemic and other economic pressures.
- 1.5 However, we need to realise that we will not fully meet our ambitious targets and that work is needed to reprioritise our actions.

## **2 Background**

- 2.1 Since the spring of 2019 councils across the UK have been declaring climate emergencies of varying types and ambition.
- 2.2 One of the first things the newly elected council did after the May 2019 local elections was to develop a Climate and Ecological Emergency declaration motion which was passed unanimously on 26<sup>th</sup> June 2019.
- 2.3 Swale has set some of the most ambitious targets nationally to achieve net zero carbon by 2025 as an organisation and by 2030 as a borough.

- 2.4 Our policies and strategies are being reviewed and changes are being made as necessary to achieve net zero carbon across the Borough by 2030. A Climate and Ecological Action Plan was developed, as required by the declaration, and was adopted on Earth Day, 22nd April 2020.

### **3 Progress 2023**

- 3.1 The report can be found at Appendix I.

#### ***Progress highlights***

- 3.2 A steering group of councillors and officers meets regularly to progress actions and includes coverage of all service areas across the Council.
- 3.3 The refurbishment of Swale House is largely complete. The carbon reduction work in the Master's House in Sheerness was completed early in 2023.
- 3.4 Most of our fleet vehicles for directly delivered services have been replaced with EVs, this has reduced the carbon footprint of our services. The grounds maintenance contract has seen new electric vehicles and power tools used for the first time on this service. The proposed new waste and street cleaning contract will reduce carbon emissions by re-routing rounds to reduce fuel use by 10-15%, using cleaner more fuel-efficient Euro VI diesel vehicles with an electric lift for the bins and use of EVs for some supervisors and street sweeping vehicles.
- 3.5 The Improvement and Resilience Fund is enabled projects which help to tackle the emergency including LED lighting, tree planting, the car clubs, EV charging points and air quality measures.
- 3.6 We are working with KCC to explore in more detail measures to increase active travel, promote wider adoption of electric vehicles (e.g., on street charging), and improve the air quality especially in the Air Quality Management Areas. We are working with schools close to AQMAs to promote sustainable travel and a schools education programme has been rolled out this year. Further air quality monitoring has been implemented. We have developed an air quality planning technical guide and trained planning officers. An Anti-idling campaign has been rolled out with signage, staff training and the ability to issue fixed penalty notices for non-adherence.
- 3.7 The Climate and Ecological Emergency Declaration stated that we would “eliminate single-use plastic from council operations wherever possible” by 2021. A cross department audit of the council's plastic use was undertaken, and elimination or replacement of single use products is underway both in Swale House and across our estate/services. The drinks and vending machine contracts were not renewed. Where it has not been easily possible to remove products, facilities to recycle specific plastic waste in Swale House have been introduced. For example, coffee

cups, crisp packets, pens and blister packs can be recycled. Biodegradable tree guards are being used when trees are planted.

- 3.8 A fuel and water advice service was developed as a way of reaching our more vulnerable residents to help them reduce bills and carbon emissions. The adviser was appointed in late 2020 for two years. Funding for a third year was agreed in 2022 and an assistant has been funded from an external source. Over the three years the service has advised over 1500 households across the Borough on energy and water use and issued over 2500 fuel vouchers.
- 3.9 Via the Off Road Charging Scheme (ORCS) funding was secured for additional EV charging points across the borough. 10 twin chargers have been installed in three car parks and are fully functioning. These new charging bays add to the existing SBC EV charging bays (4 in Faversham, 8 in Sittingbourne and 4 in Sheerness).
- 3.10 A car club was set up in Faversham in May 2022 and another in Sittingbourne in March 2023. Two hybrid cars and one electric vehicle are available in car parks across the towns. To date the club has reached a utilisation rate of up to 50% which is above expectations. We are working with developers to include car clubs in new developments.
- 3.11 The Planning Committee has successfully requested more renewable energy and energy-efficiency measures to be included in new developments. All new developments are encouraged to achieve a 50% saving in carbon emissions over 2013 building regulations (19% more than current regulations). The emerging Local Plan will bring this down to net zero emissions by 2030. A guide for developers including examples of how the 50% reduction in carbon emissions can be achieved is available on the council's website.
- 3.12 This year we have planted 295 standard trees and 14053 whips.
- 3.13 COVID19 has accelerated the move to virtual and hybrid meetings and new ways of working, resulting in business and commuting miles falling dramatically. However other challenges have arisen, such as the increase in household waste being put out by residents. We are therefore working on education campaigns to get this reduced.
- 3.14 Kent Wildlife Trust approached Swale to be a local authority partner in their 3Cs project which will restore saltmarshes along the Swale. We are also working with Peel Ports on a beneficial use of dredging materials project.
- 3.15 Kemsley Cluster -Swale has supported the University of Kent's bid to Innovate UK and we will update ahead of Council in January.
- 3.16 Swale is the only second tier authority in Kent with an Active Travel Co-ordinator. A lot of work has been undertaken to promote active travel such as the Local Cycling and Walking Infrastructure Projects, Active Travel bids to KCC with funding awarded for the Faversham Cross Town Path, The Quietways bid and

Sheppey Light Greenway Project. Considerable funding of £1,115,100 has been won during the year.

One project unique to Swale is the Swale Cycle Recycle Project. A scheme that takes unwanted or damaged bikes and repairs them in the workshops of HMP Swaleside before they are distributed via charity partners to people who cannot afford bikes. The benefits are bikes are diverted from the waste stream, prisoners learn new skills increasing their employability on release and economically vulnerable people get access to bikes which may make travel to work more viable and improve health.

### ***Looking forward***

- 3.17 In 2019 we set very ambitious targets to reach net zero. This drove us to start on projects which might have been delayed otherwise – tree planting, LED roll out, car clubs, EV charging, the renovation of Swale House and the Master’s House to name a few. Our efforts have been recognised by the Carbon Disclosure Project and Climate Emergency UK. Covid brought its challenges but also accelerated the use of virtual meetings and hybrid working, paper use and business mileage has reduced dramatically.
- 3.18 However it has become apparent that we will not reach the aspirational 2025 council target although we are moving in the right direction. We remain committed to reducing both our own emissions and in leading our borough’s residents and businesses on their net zero journey. There are a number of reasons for this including industry the not being able to deliver the correct infrastructure needed to reduce our waste collection emissions and constantly changing offsetting situation.
- 3.19 The Borough targets will also remain a challenge due to the recent central government announcements re delaying the switch to EVs, the delayed change and reduced numbers changing from gas boilers, the removal of the improved EPC requirement on landlords and the delay to biodiversity net gain rules for developers which have all weaken the drivers for our work when we need strong national leadership and guidance.
- 3.20 At Swale we have a small dedicated team which has worked with the Steering Group to embed the cause across the entire organisation. The emergency impacts all out work. Staff recruitment and retention is an issue with staff leaving for London and other unitary authorities – at least ten officers left Kent wide in 2023. We were without a full-time project officer for several months in this reporting cycle. We need to explore more joint working Kentwide and this is in development.
- 3.21 In order to respond to the challenges to the targets we need to revisit our footprint to establish where we are and how we proceed, setting new actions to make sure we maintain momentum. This will need to include whether we offset or retarget.
- 3.22 The financial situation facing local authorities and the cost-of-living crisis has limited our options and we need to understand what is feasible.
- 3.23 During the early part of 2024 we will revisit our Action Plan and take a revised version to the Environment Committee for adoption.



## 4 Alternative Options Considered and Rejected

- 4.1 There are no decisions to be taken from this report. However, an alternative option would be to revert to our previous pre-Declaration way of working. This would mean our own emissions would decline more slowly than required to meet our 2025 targets as declared in the emergency or any revised targets. Borough wide, taking no action would have similar consequences with a failure to meet 2030 or revised targets. We would also risk reputational damage.

## 5 Consultation Undertaken or Proposed

- 5.1 The Steering Group, and the Environment Committee chair have all been involved in the development of this report.

## 6 Implications

Issue	Implications
Corporate Plan	Progress on the declaration will support the delivering improved quality of life and delivering the council of tomorrow priorities.
Financial, Resource and Property	This report is for noting but the annual report identifies funds that have been used. Activities to address the declaration have financial implications and these will be addressed through the base revenue and capital budget processes. Grants from external sources will also be sought.
Legal, Statutory and Procurement	None identified at this stage.
Crime and Disorder	None identified at this stage.
Environment and Climate/Ecological Emergency	The progress made to date supports improving our environment and contributes to the development of a more sustainable council and borough.
Health and Wellbeing	Improvements to the environment and sustainability have tangible health and wellbeing benefits.
Safeguarding of Children, Young People and Vulnerable Adults	None identified at this stage.
Risk Management and Health and Safety	None identified at this stage.

Equality and Diversity	None identified at this stage.
Privacy and Data Protection	None identified at this stage.

## **7 Appendices**

7.1 The following documents are to be published with this report and form part of the report:

- Appendix I: Annual Climate and Ecological Emergency Progress Report

## **8 Background Papers**

Motion to full council 26 June 2019

<https://services.swale.gov.uk/meetings/documents/g2156/Public%20reports%20pack%2026th-Jun-2019%2019.00%20Council.pdf?T=10>



# Annual Climate and Ecological Emergency Progress Report January 2024

Cover to be updated

Illustrations to be added

DRAFT

## Swale Borough Council

### Annual Climate and Ecological Emergency Progress Report January 2024 (looking back at the achievements over 2023)

#### Background

In June 2019 Swale Borough Council, in common with many other local authorities, passed a motion to declare a Climate and Ecological Emergency.

Swale has some of the most ambitious targets in Kent and the UK, seeking to achieve net zero carbon for our own estate by 2025 and across the borough by 2030. Other Kent local authorities' target dates range from 2030 to 2050.

The motion included the provision of an annual report in January of each year.

This is the fifth annual report covering 2023's activities to address the emergency.

A steering group of councillors and officers meets regularly to progress actions and includes coverage of all service areas across the Council.

The refurbishment of Swale House is almost complete and the Master's House is fully refurbished and most units let out.

Most of our fleet vehicles have been replaced with EVs, this has reduced the carbon footprint of our services. The grounds maintenance contract has seen electric vehicles and power tools used for the first time on this service. The proposed new waste and street cleaning contract will reduce carbon emissions by; re-routing rounds to reduce fuel use by 10-15%, using cleaner more fuel-efficient Euro VI diesel vehicles with an electric lift for the bins and use of EVs for some supervisors and street sweeping vehicles.

The Improvement and Resilience Fund has funding projects which help to tackle the emergency including LED lighting, tree planting, the car club, EV charging points and air quality measures.

We are working with KCC to explore in more detail measures to increase active travel, promote wider adoption of electric vehicles (e.g., on street charging), and improve the air quality especially in the Air Quality Management Areas. We are working with schools close to AQMAs to promote sustainable travel and a schools education programme has been rolled out this year. Further air quality monitoring has been implemented. We have developed an air quality planning technical guide and trained planning officers. An Anti-idling campaign has been rolled out with signage, staff training and the ability to issue fixed penalty notices for non-adherence.

The Climate and Ecological Emergency Declaration stated that we would "eliminate single-use plastic from council operations wherever possible" by 2021. A cross department audit of the council's plastic use was undertaken, and elimination or replacement of single use products is underway both in Swale House and across our estate/services. The drinks and vending machine contracts were not renewed. Facilities to recycle difficult-to-eliminate plastic waste in Swale House have been introduced. For example, coffees cups, yogurt pots, newspapers, tinfoil containers,

## Climate and Ecological Emergency Annual Report 2024

cardboard, blister packs, nylon packing straps, metal book spines, suspension files empty aerosol cans and plastic bottles. Biodegradable tree guards are being used when trees are planted.

A fuel and water advice service was developed as a way of reaching our more vulnerable residents to help them reduce bills and carbon emissions. The adviser was appointed in late 2020 for two years. Funding for a third year was agreed in 2022 and an assistant has been funded from an external source. Over the three years the service has advised over 1500 households across the Borough on energy and water use and issued over 2500 fuel vouchers.

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A car club was set up in Faversham in May 2022 and in Sittingbourne in March 2023. Two hybrid cars and one electric car are available in car parks across the town. To date the club has reached a utilisation rate of up to 50%. We are working with developers to include car clubs in new developments.

The Planning Committee has successfully requested more renewable energy and energy-efficiency measures to be included in new developments. All new developments are encouraged to achieve a 50% saving in carbon emissions over 2013 Building Regulations. The Local Plan will bring this down to net zero emissions by 2030. A guide for developers including examples of how the 50% reduction in carbon emissions can be achieved is available on the council's website.

This year we have planted 295 standard trees and 14053 whips.

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Kent Wildlife Trust approached Swale to be a local authority partner in their 3Cs project which will restore saltmarshes along the Swale. We are also working with Peel Ports on a beneficial use of dredging materials project.

### **Kemsley Cluster – info expected soon.**

Swale is the only second tier authority in Kent with an Active Travel Co-ordinator. One project unique to Swale is the Swale Cycle Recycle Project. A scheme that takes unwanted or damaged bikes and repairs them in the workshops of HMP Swaleside before they are distributed via charity partners to people who cannot afford bikes. The benefits are bikes are diverted from the waste stream, prisoners learn new skills increasing their employability on release and economically vulnerable people get access to bikes which may make travel to work more viable and improve health.

## Establishing a Baseline

To achieve our targets, we need to monitor the existing situation in both the Council and the borough as a whole. Latest figures on CO<sub>2</sub> emissions are released annually by the Department for Energy Security and Net Zero (DESNZ). The latest figures give us the data until the end of 2021. Waste collection figures are similarly only updated to the end of the 2022/23 financial year. Until the most update statistics are provided, we will not be able to fully comprehend the impact of the Climate and Ecological Emergency declaration in 2019.

As set out by the Tyndall Centre, Swale should aim for an annual emissions reduction of at least 13% per year and up to 25% in order to achieve our targets.

## Energy Consumption and Emissions

Due to the nature of the types of businesses, Swale has always had higher energy consumption and carbon emissions from the commercial and industrial sector in comparison to other Kent districts (as seen in figure 1). The commercial and industrial sector are responsible for most of the carbon emissions in Swale (52.49%). Emissions from this sector have reduced since a peak in 2010, which has contributed substantially to a reduction in the overall carbon emissions in the borough.

Figure 1 - Source DESNZ

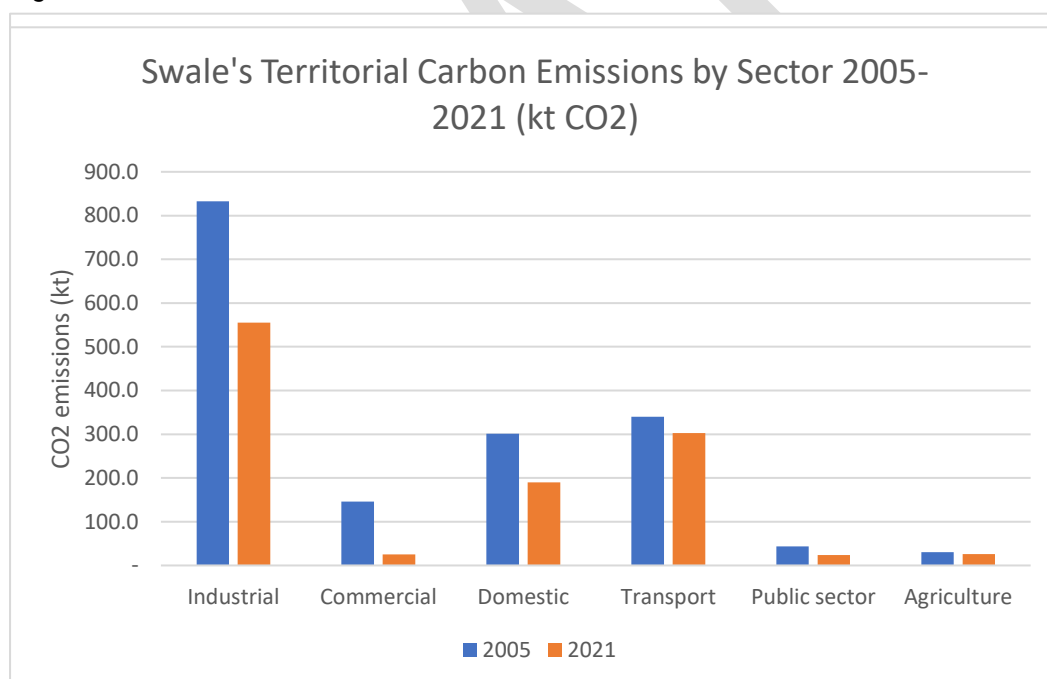


Figure 2 - Source DESNZ

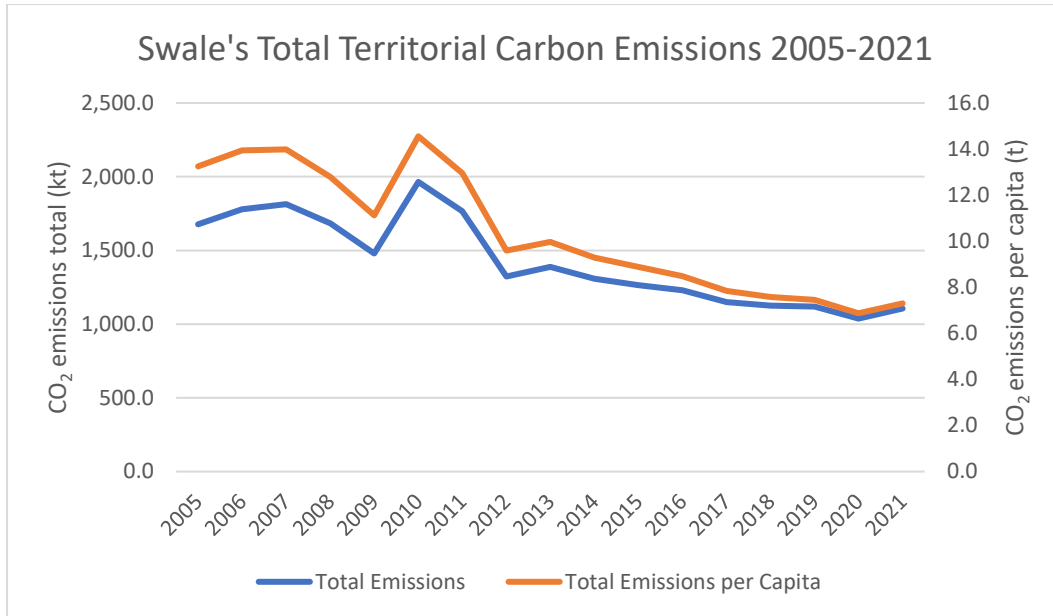


Figure 3 - Source DESNZ

The Department of Energy Security and Net Zero was established in February 2023 and provides Local Authority territorial carbon emissions which are broken down into subsections. In Swale in 2021, 17.15% of emissions came from domestic properties, 27.33% from transport, and 52.49% are industrial and commercial emissions (see figure 2). In addition to this, 2.12% from the public sector and 2.32% from agriculture, with -15.7 kt CO<sub>2</sub> net emissions from Land Use, Land-Use Change and Forestry changes, attributed to carbon sequestration from forest land and grass land in Swale. The total carbon emissions from the borough have generally decreased over time with per capita emissions dropping from 7.5 tCO<sub>2</sub> to 7.3 tCO<sub>2</sub> between 2019 and 2021, although 2021 has seen a slight increase in total borough wide emissions from 2020.

In figures 4, 5 and 6 below the legend of the y-axis on the left refers to emissions from Swale, the legend on the right refers to Kent.

Industrial and Commercial Sector

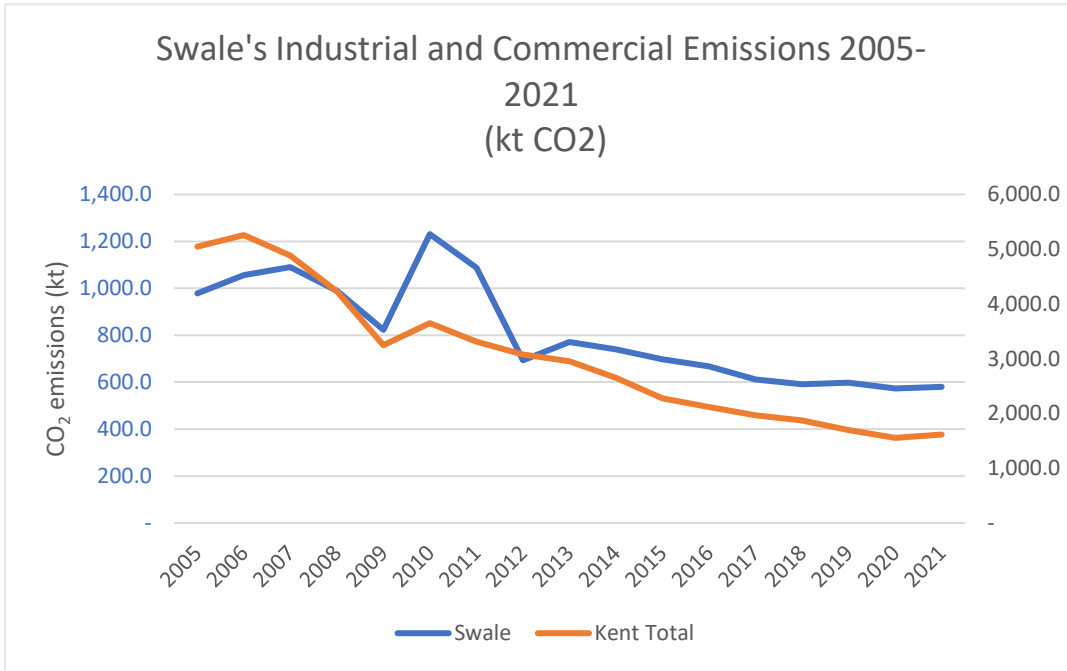


Figure 4 - Source DESNZ

Despite a slight rise in 2021, at both borough and county level there has been an overall decrease in emissions from industry since 2005. Within Swale’s industrial and commercial sector (figure 4) there has been a 40.67% decrease in CO<sub>2</sub> emissions between 2005-2021.

Transport

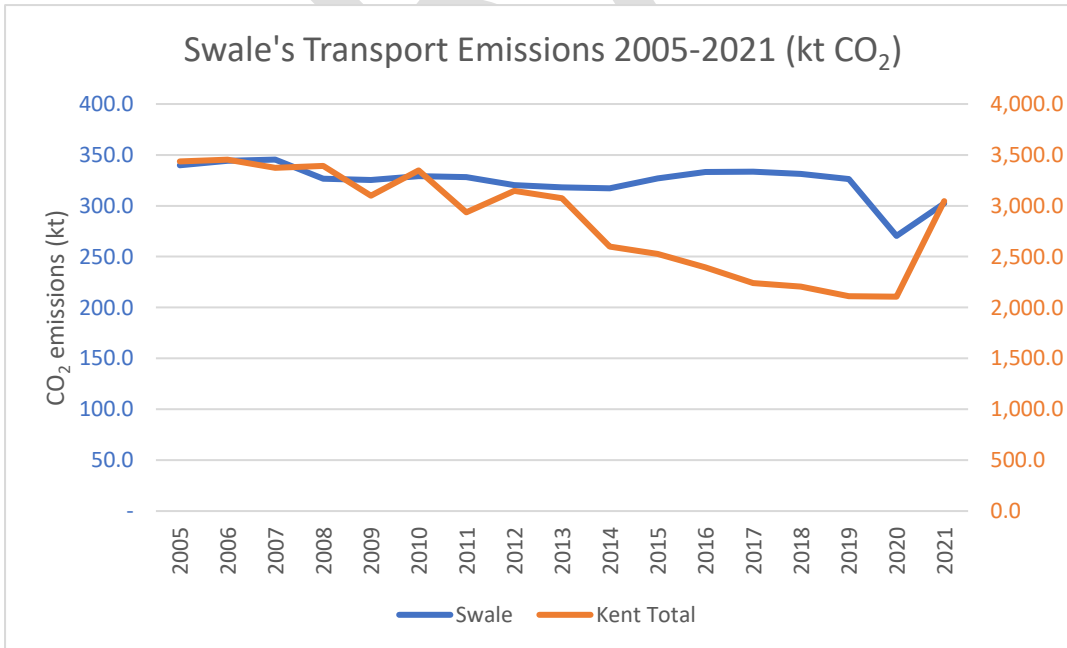


Figure 5 - Source DESNZ

In Swale, transport emissions (figure 5) had fallen by 7% between 2005-2014 but rose again by 6% between 2014 and 2017. Transport emissions dropped to the lowest level



since 2005 in 2020 due to reduced movement as the result of Covid-19. With the loosening of restrictions in 2021, Transport emissions rose by 11.8%, although overall they remain 7.3% below pre-pandemic levels.

**Domestic**

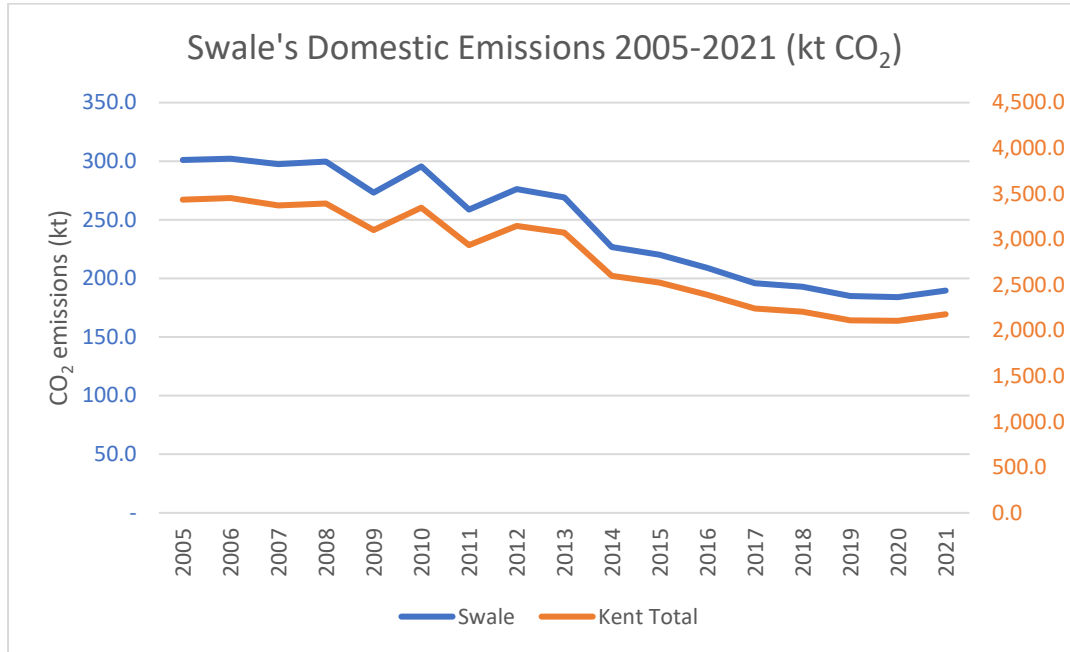


Figure 6 - Source DESNZ

Swale’s domestic emissions (2021 figures) are the 4<sup>th</sup> highest in the County, with 68.27% resulting from domestic gas emissions, for which Swale also ranks 4<sup>th</sup>. Overall domestic emissions have decreased at a faster rate since 2013.

Overall, emissions across all sectors have been decreasing per capita – in 2005 per capita emissions were at 13.8 tonnes and have decreased to 7.3 tonnes in 2021.

**Public Sector Emissions**

Since 2021, BEIS has included public sector emissions in its emissions data publications. Figure 7 shows Swale to have had some of the highest public sector emissions in Kent when compared to other districts. However, this has decreased significantly in recent years.

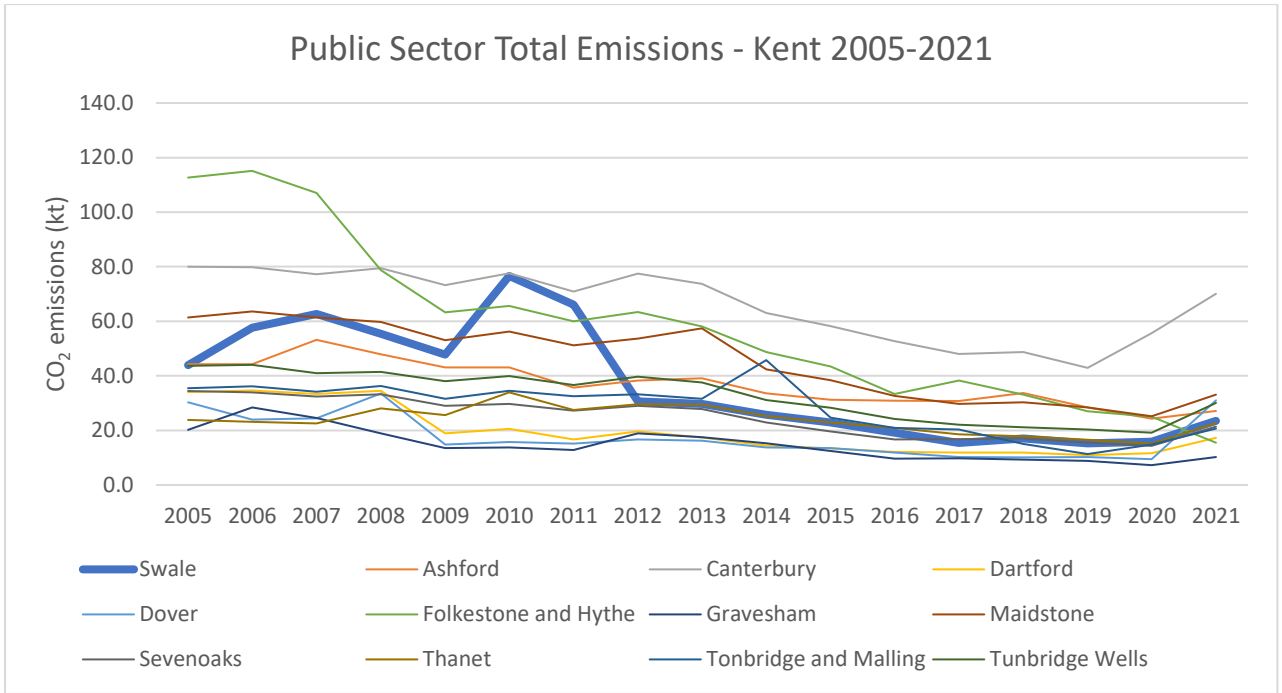


Figure 7 – Source DESNZ

**Other Green House Gas Emissions**

In 2022, BEIS included a breakdown of other greenhouse gas emissions to the territorial emissions data for local authority areas. Below shows the methane, nitrous oxide and CO2 as a proportion of all greenhouse gas emissions since 2018.

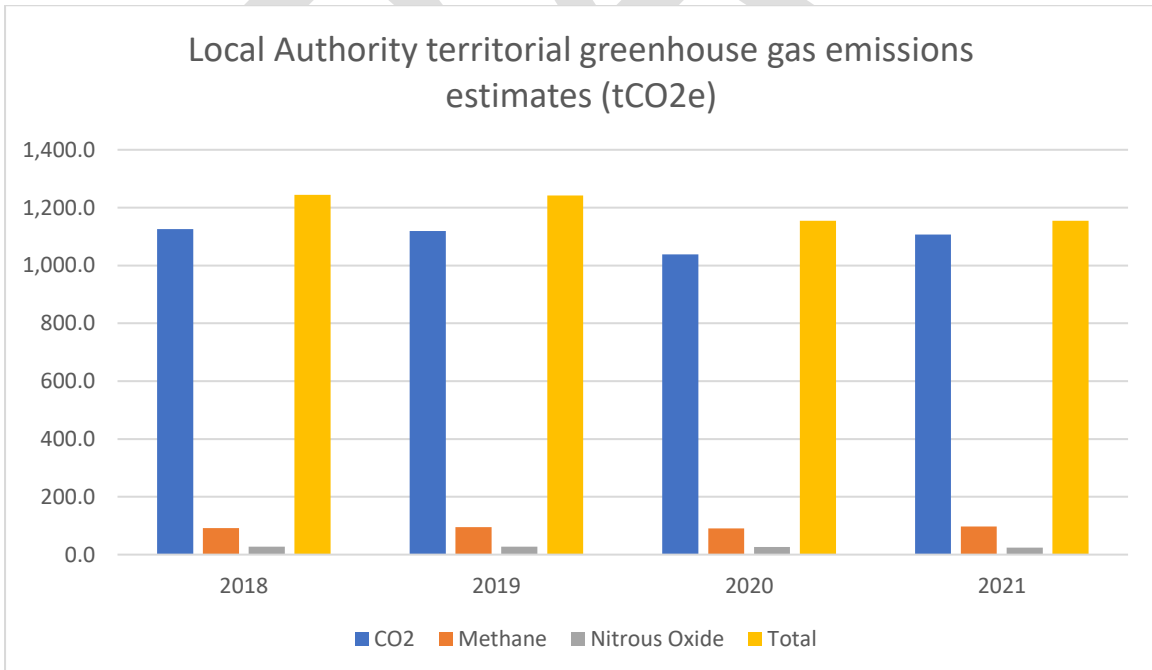


Figure 8 – Source DESNZ

**Household Waste**

As the waste collection authority, we have targets to reduce the amount of residue waste collected, and increase the proportion sent to recycling and composting. Household waste collection has increased (figure 9) and recycling rates have continued to plateau (figure 8), remaining lower than our partners in the waste partnership. We know that waste levels increased during 2020-2021 due to the Covid19 pandemic, including food and garden waste; paper, cardboard, and glass; and other recyclables. In the year 2022/23 these levels have however fallen back to pre-pandemic levels (see figure 10).

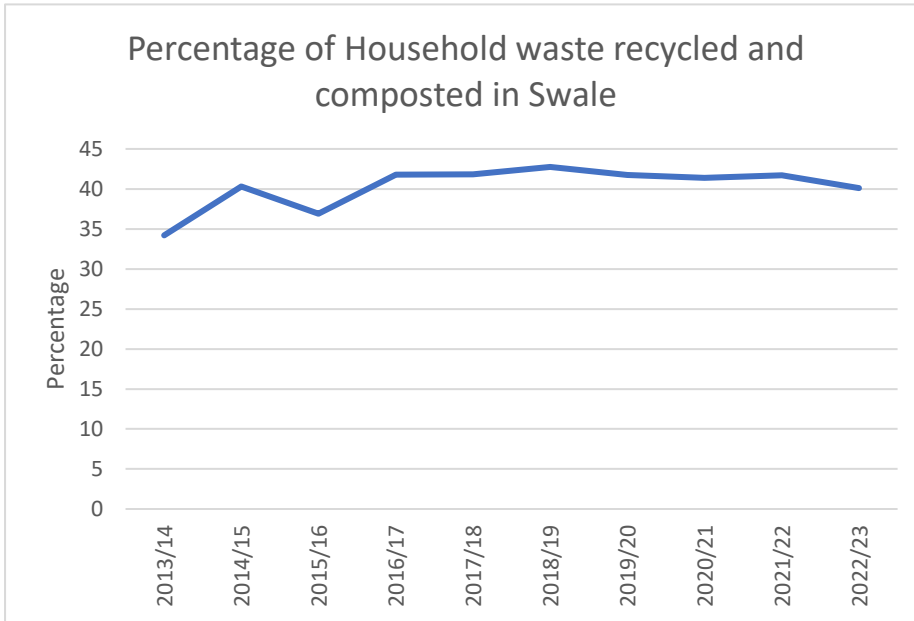


Figure 9 - Source Environmental Contracts Manager

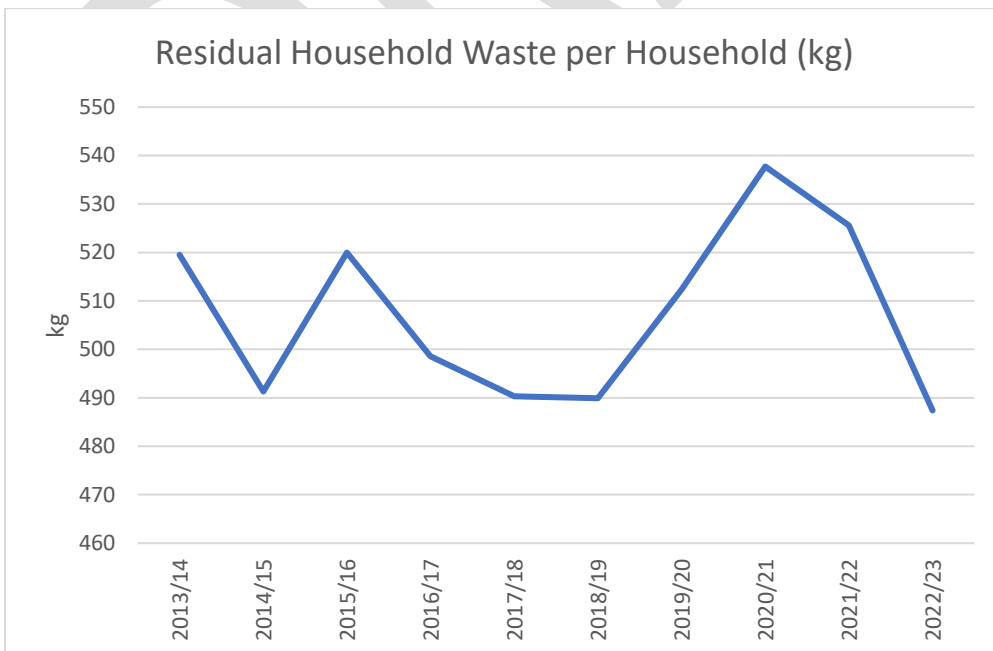


Figure 10 - Source Environmental Contracts Manager

### Swale Borough Council's response to the Climate and Ecological Emergency

The Climate and Ecological Emergency was declared on 26 June 2019, shortly after the new coalition administration took office following the May 2019 local elections.

Our Climate and Ecological Emergency Action Plan was adopted by Cabinet on Earth Day - 22 April 2020. It was approved by Council in October 2020.

The full action plan can be found [here](#)<sup>1</sup>. The Climate and Ecological Emergency Action Plan sets out the Council's strategy and identifies some enabling tools that are essential to progress across a wide range of areas. The plan then identifies a set of specific actions in the following areas: Council operations; Buildings and energy efficiency; Transport and air quality; Resource consumption and waste; Ecology and biodiversity; Resilience, adaptation and offsetting. This report reviews progress under each of these headings.

#### Enabling Tools – Cross Cutting Themes and Actions

Swale Borough Council recognises that there are cross-cutting actions needed to underpin the specific actions targeted at the particular causes of carbon emissions. The strategy set out in the Action Plan is based on an approach to Lead, Show, Support.

**LEAD:** We will lead by taking actions to reduce carbon emissions from the Council's own operations and to enhance biodiversity in the management of the Council's own estate.

**SHOW:** Use the council's improved operations and estate as beacon of good practice on the road to net zero.

**SUPPORT:** Assist businesses, organisations and residents to take their own actions and to build the capacity to move towards a low carbon economy in Swale.

This plan requires that actions which address the carbon footprint of the Council's own operations will be an early focus.

Table 1, below, sets out progress on the enabling actions identified in the Action Plan.

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<sup>1</sup> <https://services.swale.gov.uk/assets/Climate-Change-and-Ecological-Emergency/SBC%20CEE%20Action%20Plan%20Final%20with%20illustrations.pdf>

Climate and Ecological Emergency Annual Report 2024

Department	Action	Time scale	Annual carbon reduction (tCO2e)	Progress Dec 2022	Progress Dec 2023	Status
CEE	Rolling out a climate change learning and development programme for staff to improve understanding of carbon and the wider environmental context. The skills programme will include: <ul style="list-style-type: none"> <li>• Base level training for all employees</li> </ul>	Short	-	60 members of staff trained and certified.  Member training being developed.	New project officer undergoing the trainer training and working on this.  Member training being developed	On Track
CEE	•Encouraging personal responsibility and roll out of a Green Champions Network.	Short	-	30 'CEE Champions' recruited, and activities started	Meetings and activities ongoing	On Track
CEE	•More targeted/ intensive training for organisational decision-makers to enable them to adequately assess carbon impacts in their decisions	Short	-	CL training for environment committee members agreed at Member Training Working Group.  The Head of Environment and Leisure attended LGA CLT for senior managers with this we can apply to be a 'Bronze Carbon Literate Organisation'	CL training delivered to Environment Committee in January	On Track
CEE	Sharing our knowledge – we will provide capacity to share our learning and approaches with others, such as town and parish councils and community groups.	Short	-	Increased numbers of parish councils signed up to the Green Grid mailing list - sharing regular updates about projects, funding and events.	Green Grid mailing list continues to grow, and a monthly newsletter is published.  Two in person meetings held.	On Track

## Climate and Ecological Emergency Annual Report 2024

<b>CEE</b>	Promotion of low carbon food through council facilities and communication. Promotion of vegan and vegetarian diets using seasonal, local sources to support local food networks.	Short	-	Limited work during 2022. Promoted internally to staff.	Limited work during 2023	<b>Started</b>
<b>CEE</b>	Identify and align to national days of action to reinforce the message of collective action.	Short	-	Highlighted where possible across SBC external comms e.g., social media, Inside Swale. 25 events run through Great Big Green Week Appendix 1 details these communications	Highlighted where possible across SBC external comms e.g., social media, Inside Swale. Promoted Great Big Green Week but no external funding this year limited our involvement	<b>On Track</b>

Table 1 Progress on Enabling Actions

### Ten High Priority Actions

In addition to the enabling tools, we selected ten actions to be classed as 'high priority' for 2023. They are shown in table 2 below and discussed under the theme headings which follow.

	<b>Action</b>	<b>Action Owner</b>	<b>Target date</b>	<b>Annual carbon reduction (tCO2e)</b>
<b>1</b>	Carry out roof top solar PV viability studies on our properties	Property	2023	Large
<b>2</b>	Implement the EV strategy. Lobby KCC re on-street charging	Environment and Leisure	2025	Medium
<b>3</b>	Tree planting on council land (target; 148,100 trees or 60 acres of woodland) to offset 20% of council emissions.	Environment and Leisure	2025	1,481t offset of woodland
<b>4</b>	Improve facilities and incentives for walking and cycling.	ECS, Planning, Air Quality	2030	Large
<b>5</b>	Increase engagement with staff and members to roll out learning about the climate & ecological emergency. Review of staff business travel	HR, Environment and Leisure	Short	Small

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6	Support businesses to reduce carbon emissions and improve ecology and biodiversity.	ECS	Medium	Medium
7	Behaviour change around domestic waste and food recycling	Environment and Leisure	short	Small
8	Establish and promote a car club in Sittingbourne.	Environment and Leisure	2023	Small
9	Implement stage 1 of LED roll out across council parks and open spaces	Environment and Leisure	2023	Medium
10	Improve air quality across the whole borough, focussing on the six air quality management areas (AQMAs)	Air Quality, Environmental Health	short	Small

Table 2 Top Ten Priority Actions 2022

Progress against all actions can be found here: [https://swale.gov.uk/data/assets/pdf\\_file/0003/408594/All-Action-Progress-for-Annual-Report-22-public-A.pdf](https://swale.gov.uk/data/assets/pdf_file/0003/408594/All-Action-Progress-for-Annual-Report-22-public-A.pdf)

The chart below gives an indication of overall progress. With the targets for Council operations by 2025 and Borough by 2030 this shows a good level of progress. The following pages summarise the key achievements over the year in each of the areas of the action plan.

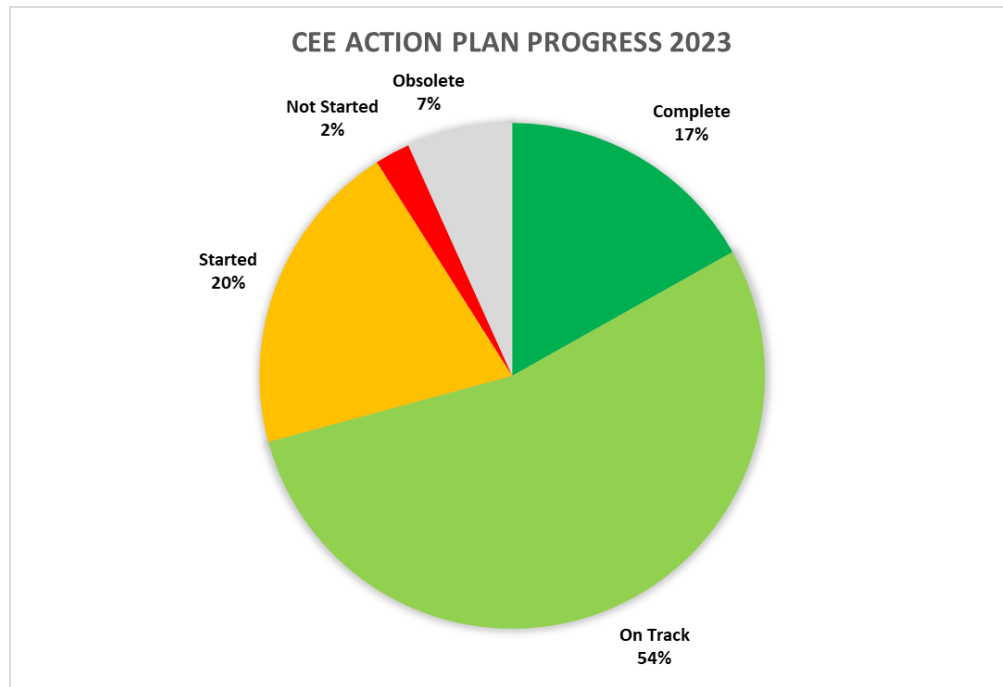


Figure 1 Overall progress against Action Plan



Council Operations

Dept.	Action	Time scale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
Property	Retro-fit Swale House to cut carbon emissions (eg. extra insulation, triple glazing, heat pump, solar PV).	2025	186	.Swale House – phase 1 roof works complete. Windows and undercroft insulating underway. Master’s House phase one complete	Roof, windows and insulation complete. Internal work almost complete. Solar feasibility study complete. Master’s House units let out	On Track
Environment & Leisure	Replace SBC fleet vehicles with electric vehicles.	2025	26	Electrification of fleet complete - 9 electric vehicles are now in use, saving almost 20 tonnes of CO2 each year. The Mayor’s car is now an EV, as is the Staying Put Handyman’s van and an EV pool car is available to staff. The parking wardens’ two vehicles are electric vehicles	As Dec 22	Complete
Commissioning	Revise procurement strategy to embed the climate and ecological emergency into all procurement decisions.	2023	780	The new policy was adopted by Cabinet on 27th October. This new policy provides more emphasis on this topic and crucially require contractors to report back throughout contract terms on their achievement of targets. The Procurement officer has joined the procurement sub-group of the Kent Climate Change Network	As Dec 22	Complete
Property / CEE	Eliminate single-use plastic from council operations wherever possible	2021		Tea & coffee facilities amended to remove single-use sachets and included milk in glass bottles. Central recycling centre working well and more to be trialled. A team to volunteer to	As Dec 22	On Track

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				trial not having black bins in their office – evidence shows it improves recycling rates at central recycling points. Climate Champions working to remove plastics in their teams with good progress so far eg. black sacks and challenging suppliers. More messaging to be shared with staff to encourage best practice.		
<b>CEE / Economy &amp; Regeneration</b>	Carry out regular staff commuting survey and encourage commuting by walking, cycling or public transport.	2025	20	First survey complete. COVID delayed subsequent surveys	Completed July.	<b>Complete</b>
<b>HR</b>	Encourage use of IT to reduce business travel to meetings.	2025	15	Use of IT for virtual meetings established and maintained through flexible working arrangements. All councillors provided with dedicated laptop	As Dec 22	<b>Complete</b>
<b>HR</b>	Review HR strategy to remove incentives to use a car for business travel.	2025	15	There should also be a wider action on staff travel that looks at car parking, council vehicles, electric cars and other ways of travel to be taken forward by a project team that should involve other HOS and managers currently responsible for these areas	.As Dec 22	<b>Started</b>
<b>HR</b>	Introduce a cycle to work scheme that includes e-bikes.	2021	2	Cycle scheme includes e-bikes	Cycle scheme includes e-bikes	<b>Complete</b>
<b>Property</b>	New waste contract for Swale House to reduce waste & increase recycling.	2020	6	New waste contract now in place (Reduced the number of collections per year, recycling services are more straight forward. Option to introduce food waste collection.) Contract included company working with us to help reduce waste and promote recycling. Grace working with Deb & NWOW group with new ideas as we	As Dec 22	<b>Complete</b>

				begin to come back to office and redesign Swale House. Central recycling point installed and food waste bins in kitchens.		
<b>Property</b>	Provide facilities to encourage cycling to work (eg. secure cycle storage, shower)	2020	1	Shower refurbishment complete. 6 extra secure spaces for bike storage	As Dec 22	<b>Complete</b>
<b>IT</b>	Develop working practices to use IT to reduce use of paper.	2025	5	Paper used considerably reduced.	Paper used considerably reduced.	<b>Complete</b>
<b>Property / Environment &amp; Leisure Services</b>	Ensure LED lighting is fitted across the council estate, including parks and open spaces.	2023	19	Have met with contractor to go through number of queries regarding current lighting specification and locations. The previous estimated cost of this work was around £286k, well over our available budget. The contractors are now working through the latest information following our meeting to come up with a revised estimate, and the works have been split into “phases” to allow us to undertake the work in different sections. First replacements expected in the new year.	We have been working closely with KCC’s term lighting contractor, which has resulted in an agreed schedule of works and specifications. The previous estimated cost of this work was around £286k, which is well over our available budget. As such, we have split the works into prioritised “phases” which will be completed until funds are exhausted. To date, we have completed an initial phase to replace lighting along Sheerness seafront and have also completed phases 1.1 to 1.7.	<b>On track</b>

Table 4 Progress against council operations actions

The Carbon Trust was appointed to undertake carbon foot-printing and baselining of our own estate and to propose steps to achieve carbon net zero across council operations by 2025.

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The report was completed in early 2020 - the full version of which can be found [here](#)<sup>2</sup>

To reach the target of carbon neutrality by 2025, it was identified that the Council must reduce scope 1 and 2 emissions by approximately 68 tCO<sub>2</sub>e per year, and scope 3 emissions by 994 tCO<sub>2</sub>e per year.

Scope 1 emissions are direct emissions from owned or controlled sources. Scope 2 emissions are indirect emissions from the generation of purchased energy. Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the Council, including both upstream and downstream emissions. This equates to a 14% reduction in emissions year on year to achieve the target.

The Carbon Trust made several recommendations for our buildings and contracts which we have already fulfilled, such as the electrification of our fleet - 9 electric vehicles are now in use, saving almost 20 tonnes of CO<sub>2</sub> each year. The Mayor's car is now an EV, and an EV pool car is available to staff. The parking wardens' two vehicles are electric vehicles.

The Carbon Trust report showed that about half of the council's carbon footprint arises from the waste contract. The specification for the new waste contract highlighted the desire for reducing carbon emissions and submissions during the tender came forward with lots of ideas. The new contract will start in March 2024 incorporating the following initiatives.

The contractor is a net producer of renewable energy and will self-supply electricity to the Swale depot. Any electric vehicles charged at these sites will therefore be powered with renewable energy.

Electric vehicles will be provided for the delivery of some frontline services. Where staff receive a company car, they will be encouraged to choose an electric vehicle, from an extensive range.

A sustainable travel policy has been implemented that encourages all staff to consider the impact of meetings and how to plan business travel sustainably.

A Sustainability Champion will be recruited at the depot. They will deliver local environmental initiatives including a biodiversity action plan.

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<sup>2</sup> <https://services.swale.gov.uk/assets/Climate-Change-and-Ecological-Emergency/Carbon-Trust-Report-on-Swales-Carbon-Footprint.pdf>

All Internal Combustion Engine (ICE) vehicles will be Euro VI, which reduces levels of harmful exhaust emissions including nitrogen oxide (NOx), carbon monoxide (CO), hydrocarbons (THC and NMHC) and particulate matter (PM). Environmental improvements are delivered from less pollutants and lower CO2 emissions.

It is recognised that the biggest impact to the environment comes from operating vehicles. This is both from carbon emissions, but also from the production of particulate pollution from break disc and tyre wear. To minimise these impacts, it is important that we operate efficient routes. By completing a full review of routes and designing more efficient rounds, it is estimated that waste collection will achieve a 5-15% reduction in miles, fuel and emissions. The specialist software used to do this 'rebalance' will also enable RCV's to avoid already congested routes, or schools at the busiest times of the day. The exercise will result in more future proof rounds that are achievable by the crews collecting the bins.

Driver monitoring software will be used to support drivers in driving more sustainably e.g., through reduced speed and idling, as well as over revving engines.

Electric bin lifts will be fitted to all 26t collection vehicles delivering a 5% saving in fuel, reducing emissions and noise pollution.

Mechanical sweepers will be fitted with dust suppression and water recirculation equipment reducing air pollution and water usage. Electric equipment will be provided to street cleansing operatives wherever available.

Hydrotreated Vegetable Oil (HVO) is an alternative available solution and has been trialled in Somerset. It is claimed that it delivers a 90% reduction in carbon dioxide equivalents when compared to diesel. Currently it is not economically viable but the use of HVO will continue to be reviewed and assessed throughout the contract. Where supply can be guaranteed from a sustainable source (i.e., not virgin oil grown from energy crops) we will assess whether it can be introduced.

For street cleansing, there will be electric hand tools such as leaf blowers. There will also be a e-glutton available. This uses a powerful vacuum to ensure swift cleansing of 'hard to reach' areas.

Our new contractors have given considerable thought to how we tackle weeds yet reduce the use of herbicides. Suez will use a 'Foamstream' system. It kills weeds, moss and algae using a combination of near boiling water covered by a biodegradable foam made from natural plant oils and sugars, making it 100% biodegradable. Foamstream is uniquely effective because the foam acts as

a thermal blanket, ensuring the heat is retained in the water while it's applied to the plant, keeping the plant in the kill zone for 6x longer than any other herbicide-free alternative.

Foamstream is approved for organic use by the British Soil Association, and the Organic Farmers and Growers Association, meaning it can be used around people, animals and waterways safely.

Our contractors are in negotiations with a well-known local charity to encourage the re-use of various items collected through the bulky waste, WEEE and textiles service. Re-useable products will be stored for the charity to view and remove any items that they find useful.

The current ground's maintenance contract started on 15 January 2022. Since the commencement of the contract we have been working very closely with the grounds maintenance contractor to support their implementation of a number of improvements. The contract now benefits from a number of electric vehicles, battery operated handheld power tools, and an ongoing commitment to the gradual reduction and complete elimination of the use of pesticides over the five-year contract. Continual identification and implementation of increased biodiversity and varied maintenance regimes including a number of enhanced wildlife areas. Ongoing monitoring and recording of recycling values has been introduced as part of the new contract. Feb 22 – Jan 23 saw recycling figures 5,476kg of Dry Mixed, 4,800kg of Mixed Glass and 254,640kg of Green Waste. Feb 23 – Jun 23 saw recycling figures 2,135kg of Dry Mixed, 1,400kg of Mixed Glass and 89,960kg of Green Waste.

The contract for the refurbishment of Swale House was awarded and work commenced in the late summer of 2022. The window replacements should bring about a saving of 39 tonnes of CO<sub>2</sub> per annum according to the Carbon Trust report.

The bid to the Public Sector Decarbonisation Grant Fund was successful and this was used in the Master's House refurbishment. Phase One was completed in 2022. It is estimated that the switch from an oil boiler to an air source heat pump will save 32 tonnes of CO<sub>2</sub> per annum from operational energy.

Swale House now has LED lighting throughout. A full survey of all of our lighting assets in Swale, both within our open spaces and within our off-street car parks has been undertaken. Plans are being drawn up to upgrade to LED any lighting units that have not already been converted. LEDs consume up to 70% less energy.

Swale House and other buildings under our control now have both 100% renewable electricity supplies and bio-methane gas supplies.

**Buildings and Energy Efficiency**

Dept.	Action	Time scale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
<b>Plannin g Policy</b>	Prior to the adoption of the new Local Plan, use a planning condition based on a 50% improvement over current building regulations, ratcheting to 75% and 100% improvement by 2025 and 2028 respectively, as the basis for negotiation with developers through pre-application and planning application negotiations.	2020-2030	400 - 1,000+	This is being encouraged currently, with varied success – generally larger house builders are pushing back more than smaller developers. This, however, demonstrates that this condition is viable in Swale and the importance of adopting Local Plan policy to require it.	As DEC 22	<b>On Track</b>
<b>CEE</b>	Bulk buying scheme for solar PV installations paid-for by residents (in partnership with KCC).	2020-21	100	Current round is proving popular.103 households initially requested a survey. Comms Team have been promoting. Battery storage and EV charging being offered as an add on	Two more rounds in 2023 with 72 installations including 3 with battery storage.	<b>On Track</b>
<b>CEE</b>	Fuel and water poverty outreach service to reduce fuel and water bills for vulnerable residents.	2020-23	to be monitored	Household Support Fund remaining inhouse but moved to ECS team. referral route for Fuel Bank Foundation vouchers Worked with over 1000 households Jan - Dec Swale Sisters – 360 packs Fuel vouchers – over 1400 issued Funding (not SBC) for part-time assistant – Funding from SBC confirmed for third year of project	Project funded by SBC Special Projects ended in October 2023. Over three years over 1500 people reached advised and over 2500 fuel vouchers issued.  Part of SBC’s HSF will be used to continue this project managed by Children and Families.	<b>Comple te</b>

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<b>Plannin g Policy</b>	Use the local plan review to investigate the potential to introduce minimum requirements for on-site renewables on new developments.	Short	Large	Included in Local Plan Review	As Dec 22	<b>On Track</b>
<b>Plannin g Policy</b>	Review Local Plan and incorporate recommended actions on spatial land use strategy and integrated transport strategy, including focusing development in Swale's conurbations to utilise existing vacant sites and under-utilised sites within the settlement confines.	2025	Large	The success of this objective is related to the timescale for adoption of the Local Plan Review, which is currently delayed from its published programme (LDS). A new programme/LDS will be confirmed in late spring/summer, with an anticipated revised Regulation 19 Plan going to consultation in the autumn of 2022 and anticipated submission in Spring 2023.	Local Plan consultation paused.	<b>On Track</b>
<b>Plannin g Policy</b>	Encourage high-quality, medium-high density dwellings near to transport nodes. Development could be supplemented by restricted parking, and EV pool-cars.	Short	Large	As above. The next iteration of Local Plan will be looking at reinforcing a land use strategy that focuses development in existing conurbations near transport nodes. The Transport Strategy will be updated to accompany to next iteration of the Local Plan.	Local Plan consultation paused	<b>On Track</b>
<b>CEE</b>	Signpost householders and businesses to grant schemes for insulation and energy improvements, such as the Renewable Heat Incentive (RHI), Warm Homes and advice services such as the Energy Saving Trust.	Short	Medium	Achieved via FWHA, as well as press release and corresponding social media posts encouraging Warm Homes Grant. Regular advice provided via Inside Swale, often referencing Energy Saving Trust.	As Dec 22	<b>On Track</b>
<b>CEE</b>	Encourage Town and Parish Councils to fit LED lighting and other low energy technology by providing information on cost savings and carbon reduction.	Short	Small	Have written to town/parish councils with further engagement required.	As Dec 22	<b>Started</b>



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<b>Plannin g Policy</b>	Consider development of a financial viability toolkit to ensure that the cost of low and zero-carbon methods is accurately assessed (eg building materials, design and orientation, natural ventilation, landscaping, renewable generation and off-setting). Toolkit to be used by development management for pre-application advice.	Short	Large	Not progressed to date due to lack of officer time and financial cost		<b>Obsole te</b>
<b>Plannin g Policy</b>	Develop, initially through a Supplementary Planning Document and subsequently the Local Plan Review Policy, the potential to move rapidly towards zero-carbon development in Swale including using tools such as the Home Quality Mark and BREEAM.	Short	Large	Being progressed through the Local Plan Review, DM 3. An SPD however, is not a priority at this stage, due to resource commitment and detail provided within DM3 itself. Other tools, eg Net Zero Carbon Toolkit could be adopted as a resource for developers to refer to.		<b>Obsole te</b>
<b>Plannin g Develo pment</b>	Provide pre-application advice on energy efficiency and carbon standards and statements for future developments	Short	Large	Being implemented by DM team and Climate Change Officer	As Dec 22	<b>On Track</b>
<b>Plannin g Policy / CEE</b>	Investigate the potential to set up an offset fund (106 Agreements) or allowable mechanism for developers to pay into if a certain energy efficiency of buildings is not able to be met in the development and use this money for carbon saving projects	Short	Large	Outputs from KWT/SELEP project delayed and possibility that the amount of offsetting from this scheme will be limited. Other options (eg retrofitting existing stock) to be investigated, but this is complex	. As Dec 22	<b>Started</b>

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<b>Planning Policy</b>	Investigate options for monitoring and testing conditions compliance on significant major planning applications (250 dwellings +), including those related to climate change (eg the performance gap between buildings designed energy use and actual energy use), with a view to securing S.106 obligations from developers to contribute towards the cost of such compliance monitoring	Short	Large	Being progressed through the Local Plan Review – policy DM3	Local Plan consultation paused	<b>On Track</b>
<b>Housing</b>	Enforce private rented and non-domestic Minimum Energy Efficiency Standards regulations	Medium	Medium	We are utilising existing legislation under the Housing act to enforce standards in the private rented sector not met at present. We do not have any capacity to deal with additional legislation due to high workloads. We continue to contact landlords who we believe may have properties with Low EPC. We are signed up to Sustainable warmth project which will run to 2023	As Dec 22	<b>Started</b>

Table 5 Progress against buildings and energy efficiency actions

The next Local Plan is being prepared and incorporates actions for buildings and energy efficiency set out in the Action Plan. Already, new housing developments are encouraged to reduce carbon emissions by 50% more than required in the current Building Regulations. Guidance has been published to illustrate how developers can achieve the reduction. Applicants are signposted towards this information when seeking pre-application advice.

We participated in a pilot project led by the University of Greenwich and Medway Council to offer householders retrofitting advice. Initially aimed at the able to pay owner occupiers this project will be extended in 2024 to other sectors of the housing market.

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We are working with the Kent Wildlife Trust to explore offsetting options for both our own estate and new developments. Where the carbon emissions of a development cannot be reduced, the developer would make a payment into the fund to enable the carbon emissions to be offset elsewhere in the Borough. The carbon price will be set to allow onsite carbon reduction to provide the lower cost option, to encourage carbon emissions to be avoided rather than offset. We are also working with KWT on biodiversity net gain through a saltmarsh restoration project.

We pledged through the Climate and Ecological Emergency Declaration to take steps to avoid any adverse impacts on our most vulnerable residents. The service is available to vulnerable residents across the borough. Funding was secured for a third year of delivery and Children and Families also secured external funding for a second member of staff to assist. This over the three years over 2500 Fuel vouchers have been issued. 2100 energy efficiency packs have been provided containing LED bulbs (saving 10450kg of CO<sub>2</sub>), water hippos (saving 40,000 litres of water) and various other energy saving products specifically for each households needs. Over £21,000 of water debt has been written off. 635 households have been signed up to the Priority Services Register. The fully funded service ended in October 2023 but is continuing with partial funding from Swales HSF allocation and other organisations including utility companies.

### Transport and Air Quality

Dept.	Action	Time scale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
<b>Environment &amp; Leisure</b>	Install EV charging points across the borough.	2025	to be monitored	ORCS funding application successful for 10 twin EVCP (20 charging bays) across 3 car parks. Work commenced in November 22 with all fully operational by end of Jan 2023	.Fully operation	<b>Complete</b>
<b>ECS</b>	Improve facilities and incentives for walking and cycling.	2030	Large	Faversham LCWIP consultation closed P2T Solar Way: meeting with Developer 16/9. Kent PROW commissioning Sustrans to undertake a Feasibility Study FTC Bike Hangar installed, and parking rates agreed. WAC Routes Consultation Event postponed	Faversham LCWIP adopted. Faversham Parishes to Town Project Complete (EAC funded)  Sustrans Solar Cycle Way Options Report Completed (developer funded – c.£7k)	<b>On track</b>

			<p>Sheppey Community Cycling Group initial mechanics training complete.                  Swale LCWIP:                  Community/PC meetings complete                  Online survey closed 12/9                  £1,300 of S106 funds obtained for cycle parking for Halfway &amp; Minster                  FTC successfully bid for Cycling UK funds for community rides                  £2,100 bid to Cycling UK being assessed                  Active Travel Fund 4, bid prepared                  Bid to ATE Capability &amp; Ambition Fund prepared.                  Discussions started with Southeastern &amp; Network Rail on accessible northern access and improvement to cycle parking at Sittingbourne and new, larger lifts at Faversham                  Sheppey Light Railway Greenway Project Launched</p>	<p>Three Active Travel Fund 4 (ATF4) KCC Submissions developed and presented to residents and Councillors.                  One ATF4 bid – Faversham Cross Town Path – successful and awarded £995k by Active Travel England (ATE)                  NCN Route 1 Quietways Bid successful (£30,000) – Faversham – Teynham &amp; Conyer - Feasibility Study Complete                  NCN Route 1 Barrier Redesign bid successful (£48,000) – initial research &amp; assessment complete.                  Sheppey Light Greenway Project obtained seed funding and has partnered with Greenways and Cyclerroutes Limited to assess potential routes. Work commenced on clearing the route at Power Station Road.                  ATE Capability Fund bid successful (£40,000) projects underway are:</p> <ul style="list-style-type: none"> <li>• Sheppey Towns Connectivity Active Travel Feasibility Study (£15,000)</li> <li>• Swale LCWIP data analysis (£10,000)</li> <li>• Faversham Cross Town Path 2 – Construction Bid Study (£15,000)</li> </ul> <p>Swale Cycle-re-Cycle established in partnership with HMP Swaleside, Canterbury Bike Project, KCC and FCC</p>	
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					<p>Cycling UK Big Bike Revival bid successful (£2,100), community bike rides and events held across the borough.</p> <p>Second Cycling UK Community Cycle Club established with Age UK in Faversham</p> <p>Explore Sittingbourne &amp; Faversham Cycling &amp; Walking Maps completed - available online and at VICs.</p> <p>Linking Coast to Downs Project completed with one new cycle route and two new walking routes. Available online and at VICs</p> <p>WAC funded Swale Trails – two rides and four walks – launched. Available online and at VICs</p> <p>County submissions included to the Kent Cycling &amp; Walking Infrastructure Plan and with Planning Policy, to the Local Transport Policy 5 “Rainbow of Rural Solutions” presented at Cycle County Active County, the national active travel conference in Oxford.</p>	
<b>Planning Policy</b>	Review Local Plan and incorporate recommended actions on spatial land use strategy and integrated transport strategy, including favouring public transport and active transport. Use Local Plan Review to reduce the need to travel (e.g., for work).	2025	Large	Being progressed through the Local Plan Review	Being progressed through the Local Plan Review	<b>On Track</b>

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ECS	Promote work-place car chargers (Government funding available).	Medium	Medium	To be included in business support on new CEE webpages and supported by actions in new EV strategy. Climate advice for businesses, such as workplace charge points, provided for businesses e.g. The Council's business support advisor has also commenced a new programme of 2-hour seminars to help businesses manage change. The seminars encourage businesses to plan for issues including the climate and ecological emergency.	As Dec 22	On track
Planning Policy	Through the Parking Standards SPD, require that 10% of parking spaces in new developments are provided with Electric Vehicle charge points (best technology available at the time of planning approval) which may be phased with 5% initial provision and the remainder at an agreed trigger level	Short	Medium	Parking Standards SPD Adopted 2020 - action complete	As Dec 22	Complete
Planning Policy	Use the Local Plan Review to require that where a development is for more than 50 residential units measures such as the following be provided- <ul style="list-style-type: none"> <li>• Travel plan including mechanisms for discouraging high emission vehicle use and encouraging the uptake of low emission fuels and technologies</li> <li>• A welcome pack available to all new residents online and as a booklet, containing</li> </ul>	Short	Medium	Being progressed through the Local Plan Review  Car club established in Faversham enabling developers to include additional vehicles in their developments – initial conversations underway	Ad Dec 22 with an additional car club in Sittingbourne	On Track

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	<p>information and incentives to encourage the use of sustainable transport modes from new occupiers.</p> <ul style="list-style-type: none"> <li>• EV car club provision within development or support given to local car club/EV car clubs.</li> <li>• Designation of parking spaces for low emission vehicles</li> <li>• Improved cycle paths to link cycle network.</li> <li>• Adequate provision of secure cycle storage.</li> <li>• Using green infrastructure to absorb pollutants.</li> </ul>					
<b>Planning / Air Quality</b>	Incorporate a policy on air quality in the local plan review	Short	Small	Being progressed through the Local Plan Review	Local Plan consultation paused	<b>On Track</b>
<b>Planning / Air Quality</b>	Work with KCC to develop the Swale Local Transport Strategy (to run in parallel to the Local Plan Review) and the promotion and facilitation of a major shift in priorities to public transport and active travel.	Short	Medium	A draft Local Transport Strategy went to consultation in Spring 2021 with the Regulation 19 Local Plan Review. This will be updated to accompany the next Regulation 19 Local Plan Review Consultation (currently due Autumn 2022) and together with the Local Plan's Infrastructure Delivery Plan will set out schemes to encourage walking and cycling and sustainable travel.	Local Plan consultation paused	<b>On Track</b>
<b>Air Quality</b>	Establish an anti-idling campaign, initially around school sites from which it can be expanded.	Short	Small	ERT and Environmental Protection have issued 3 press releases and has fed into Facebook and Twitter (4 Nov 21, 27 Jan 22, 30 Mar 22). Media sources picked up several stories, including Kent online (7-14 April 2022). Other engagement is through the new Green Schools Forum (joint working with Climate Actions). Green School Forum was successful, 14 schools	Campaign ongoing	<b>On Track</b>

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				attended, as well as various stakeholders		
<b>Environment &amp; Leisure</b>	Develop EV charging strategy including publicly accessible fast and rapid chargers, in council and private car parks (e.g., hotels, shopping centres), and working with KCC for on-street charging.	Short	Medium	.EV Strategy adopted at Environment Committee on 30th June. Agreed to award ORCS project works to Pod Point Ltd. Procurement underway for delivery by end 2022.	As Dec 22	<b>Complete</b>
<b>ECS</b>	Promote business fleet decarbonisation, including the potential cost and reputational benefits.	Medium	Small	Investigated continuation of Kent REVS scheme within Swale borough. Working on survey for local businesses ahead of Swale REVS scheme in progress with KCC. 'Go Electric' webinar provided during Great Big Green Week	REVs scheme not possible. Fleet decarbonisation promoted to businesses via ebulletins	<b>On Track</b>
<b>Air Quality</b>	Engage with public transport providers to improve the quality, quantity and affordability of public transport, so that more people commute by public transport, and reduce carbon emissions from buses.	Medium	Medium	Uncertain to what funding will be available for Swale through the Kent Bus Service Improvement Plan. KCC a currently undergoing a review of the funding available.	Funding largely for subsidised fares. A pilot is operating in Swale	<b>Started</b>
<b>Planning Policy / Air Quality</b>	Work with KCC to implement 20mph limit across built up areas of borough as a cost effective and swift way to improve air quality, reduce health inequalities, lower carbon footprint and encourage active travel (following the implementation of a comprehensive 20mph zone in Faversham).	Medium	Small	20mph is now active in Newington and Faversham. AQ data will be monitored at Newington air quality station over 2023 to assess if the change in speed limit impacts (+/-) air quality	Data collection on going and will be analysed in 2024.	<b>On Track</b>



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<p><b>Air Quality</b></p>	<p>Undertake a feasibility study on implementing a Clean Air Zone along the length of the A2 from Brenley Corner to the western boundary with Medway.</p>	<p>Short</p>	<p>Small</p>	<p>SBC have had two high-level officer meetings to discuss support of KCC to advance the non-charging CAZ priority measures. The second meeting (28/04/22) identified significant reservations from KCC highways and at this point in time there is little support that can be offered for implementing the non-charging CAZ. However, KCC are keen to support active travel measures and review highway related schemes through other potential traffic orders. Relevant KCC officers will be attending the steering groups to review the AQAP update measures.</p>	<p>As Dec 2022</p>	<p><b>Complete</b></p>
<p><b>Air Quality / ECS</b></p>	<p>ECO Stars fleet recognition scheme - business case is for engaging and inviting new operators with key information on benefits to business, fuel savings and environment. At present Swale has 22 operators signed up.</p>	<p>Short</p>	<p>Small</p>	<p>ECO Stars no longer running - engagement with businesses through summer 21 survey</p>	<p>Not active – to be removed or replaced in action plan.</p>	<p><b>Obsolete</b></p>
<p><b>Air Quality</b></p>	<p>Apply to Defra's Air Quality Grant Scheme for an electric bus (joint bid with Arriva our main local bus company).</p>	<p>Short</p>	<p>Small</p>	<p>We have launched 'Pollution Patrol' which is a free interactive website for primary schools, children and their families developed to help raise awareness of air pollution, the damage it can cause and ways that individuals can help to reduce their impact by changing behaviours. All primary schools in Swale will have access to this important resource from Monday the 25th of April. The website includes games, an immersive 360O story mode, curriculum-linked teaching resources and a school assembly plan amongst other elements. Canterbury</p>	<p>Schools encouraged to use the resource</p>	<p><b>Complete</b></p>

				City Council and the MidKent Environmental Health Partnership have created the interactive website through Defra funding.		
<b>Air Quality / ECS</b>	Encourage local school and business travel plans to reduce car journeys.	Short	Small	The Business Travel Plan Survey has been completed and circulated to relevant KCC and SBC departments. A review of how this has been useful for departments to provide additional support in the form of incentives and improve sustainable travel will need to be completed. Engagement with schools via the Pollution Patrol project.	Review underway	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Establish a tree planting strategy for schools (links with biodiversity)	Short	Small	Swale Green Schools' Forum established to meet regularly with primary and secondary schools to discuss issues and projects such as tree planting and other ecological initiatives.	Ongoing	<b>On Track</b>

Table 6 Progress against transport and air quality actions

The new Air Quality Action Plan is now active. It outlines what the council will deliver between 2023 and 2028 to reduce concentrations of air pollutants and people’s exposure to air pollution. It includes a package of measures that have been prioritised relative to their viability, cost effectiveness of air quality and non- air quality benefits.

The AQAP Steering Group was formed in early 2022 to develop and deliver the Strategic AQAP update for Swale and assessed the AQAP options proposed, including a review of the 2018 – 2022 AQAP measures, including the recommended measures from the CAZ Feasibility and Source Apportionment studies. The group also collaborated to identify what traffic management interventions were required; what may influence the local pollution in the future (i.e., five to ten years); and other existing projects in Swale that could contribute to emission reductions (or increases).

The steering group review of measures also considered the viability of measures and used cost benefit analysis to prioritise measures relative to the cost effectiveness, air quality and non- air quality benefits.

The steering group will meet quarterly every three to four months throughout the lifetime of this action plan. Task and finish sub-group will be set up and responsible for implementing and delivering specific measures will meet more regularly and report back to the steering group. The task groups will also be responsible for providing further sub-actions and associated measurable milestones.

Updates on milestones will be reported to the AQAP Steering Group and will be published through the Councils Air Quality Annual Status Reports. Some new measures include; more car clubs and bike hire schemes; installation of more electric vehicle charging points; anti-idling campaigns; campaigns to educate the public about air pollution and improving walking and cycling infrastructure.

We have established car clubs in Faversham and Sittingbourne contracting Hiya Car to run them for us. Two self-charging hybrids and one electric car are available and are located in three car parks in both town centres. Use of the cars has been greater than anticipated with utility rates up to 50%. It is generally considered that one car club vehicle takes up to 18 cars off the road. In addition car club users are more likely to consider walking and cycling as alternative methods of travel.

Swale is the only second tier authority in Kent with an Active Travel Co-ordinator. A lot of work has been undertaken to promote active travel such as the Local Cycling and Walking Infrastructure Projects, Active Travel bids to KCC with funding awarded for the Faversham Cross Town Path, The Quietways bid and Sheppey Light Greenway Project. Considerable funding of £1,115,100 has been won during the year.

One project unique to Swale is the Swale Cycle Recycle Project. A scheme that takes unwanted or damaged bikes and repairs them in the workshops of HMP Swaleside before they are distributed via charity partners to people who cannot afford bikes. The benefits are bikes are diverted from the waste stream, prisoners learn new skills increasing their employability on release and economically vulnerable people get access to bikes which may make travel to work more viable and improve health.

The Community Infrastructure Grants have been established to support community infrastructure in Swale, using money allocated from two Government funds - the UK Shared Prosperity Fund (UKSPF) and the Rural England Prosperity Fund (REPF). Grants are available for capital investment and will prioritise investments for community benefit and include support for: Investment which improves the environmental and financial sustainability of community facilities/amenities through carbon reduction measures. Projects encouraging walking and cycling or the use of electric vehicles. Applicants have also been able to access advice from a low carbon advisor about their project. For example, they can receive advice about ensuring that the project is value for money and suggestions for improvements to the design of their project. Seven applications have been received which will contribute towards reducing carbon emissions and have been approved in principle (subject to meeting the eligibility criteria). The total grants awarded are currently projected as £38,155.51.

Rural Swale Small Business Grant Using money allocated from the Rural England Prosperity Fund (REPF) this funding is available to support small rural businesses to make small capital investments to support growth and carbon reduction measures or support capital projects which help develop the local visitor economy. Businesses can also access support and advice from a Low Carbon Advisor to develop their project. The grant scheme closed to applicants on Friday 13 October 2023.

**Resource Consumption and Waste**

Dept.	Action	Timescale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
<b>Planning Policy</b>	Provide guidance on waste minimisation and resource consumption via a Sustainable Design & Construction SPD.	Short	Medium	Not yet started Local Plan Review taking precedence. However, Draft Policy DM 3 does address waste.	As Dec 22	<b>Not Started</b>
<b>Environment &amp; Leisure</b>	Decrease the amount of household waste collected by promoting each separate method of recycling	Short	Medium	Use of KRP videos to promote behaviour change	Use of KRP videos to promote behaviour change, along with social media campaigns driven by Swale	<b>On track</b>
<b>Environment &amp; Leisure</b>	Increase amount of garden and food waste collected for compost.	Short	Medium	The cost-of-living crisis has seen a fall in subscriptions to garden waste collections	Garden waste subscriptions are still fluctuating. The cost-of-living crisis and increase in subscription costs is having an impact on residents signing up	<b>Started</b>
<b>Environment &amp; Leisure</b>	Encourage residents to recycle small electricals, textiles and batteries.	Short	Medium	Ongoing	Ongoing	<b>On track</b>

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<b>Environment &amp; Leisure</b>	Signpost residents to recycling facilities for products that cannot be recycled in the kerbside collections.	Short	Small	Waste Wizard tool now on website	As Dec 22	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Reduce contamination of recycling that leads to rejected loads.	Short	Medium	Targeting of areas of high contamination and behaviour change communication	As Dec 22	<b>On track</b>
<b>Environment &amp; Leisure</b>	Encourage litter picks and measures to reduce the amount of plastic litter in the sea	Short	-	Ongoing	As Dec 22	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Work with KCC to stop export abroad of recyclables	Medium	-	Ongoing, although lack of UK infrastructure to recycle for some specific materials	As Dec 22	<b>On track</b>
<b>Environment &amp; Leisure</b>	Influence KCC to maintain or improve the low levels of waste that go to landfill.	Medium	Small	Ongoing	Less than 1% of Swale waste goes to landfill.	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Promote reduced use of single-use plastic (e.g., in partnership with Plastic-Free Faversham and Plastic-Free Sheerness).	Short	Small	Ongoing	Ongoing	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Work with Kent Resource Partnership on county-wide education/communication schemes	Short	Medium	Ongoing, Swale remain part of the KRP providing funding for county wide campaigns	Ongoing	<b>On Track</b>
<b>Environment &amp; Leisure / ECS</b>	Promote improved recycling of commercial waste with businesses across the Borough	Long	Large	Applying to WRAP business waste pilot project. Providing information about Produced in Kent's 'Food Loop' programme. Sharing Blueprint to a Circular Economy information.	Ongoing	<b>Started</b>

Table 7 Progress against resource consumption and waste actions

Wherever possible, use of single-use plastics has been eliminated in Swale House and across our estate. Cleaning product packing has been changed. Drinks machines using plastic sachets have been removed. Vending machine – both food and drink – contracts were not renewed. Biodegradable tree guards are being used for tree and hedge planting in the council's country parks.

Work is ongoing to tackle heavy contamination across the Borough which is impacting our recycling tonnages as increasing amounts of recyclate is being diverted to the waste to energy facility due to containing high levels of non-recyclable items. The team are working closely with KCC, Biffa and residents to raise awareness and resolve this.

Phase 2 of the Marine Town project was rolled out in October providing all Marine Town residents the ability to recycle their food waste and reducing refuse collections from weekly to fortnightly encouraging residents to recycle more. Officers have been working hard with the residents of the area providing recycling information and helping to ease any concerns residents had about the change. The project will be rolled out to the few remaining areas of the borough that do not have this type of collection over the next few months leading up to the start of the new waste contract.

Community litter picks have been supported and our weekly deep cleans have continued throughout the year, working with residents to keep heavily trafficked roads clear to allow us to give the road a thorough cleanse.

We have been working with LitterLotto to introduce a scheme to encourage residents to use the litter bins across the borough and prevent littering, this has been trialled by one Kent Authority in conjunction with the Kent Resource Partnership and will be rolled out to Swale and the rest of Kent over the coming months. We have also recently carried out an audit of all litter bins and dog bins across the borough to ensure they are all in prime locations for residents to use.

We have continued to work with Defra and LARAC to help steer government policy around the changes to packaging waste legislation.

We support and promote the Repair Cafes in Faversham enabling a large range of household items to be repaired and reused rather than going to waste.

Ecology and Biodiversity

Dept.	Action	Timescale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
Environment & Leisure	Establish a baseline of trees and woodland on council land and develop a funded action plan to increase tree cover in Swale and promote the benefits of sequestration.	Short	Medium	Currently working on plans for standard tree planting and whipped tree planting at various sites identified across Swale using the LATF funding. Funding has also been provided via the Improvement & Resilience fund. We are discussing options on how best to use the funding.	Ongoing and additional LATF funding applied for	On Track
Planning Development	Ensure the installation and maintenance of landscaping in new developments to contribute to biodiversity net gain via suitable conditions or Section 106 agreements.	Short	Medium	Biodiversity Net Gain is required through the NPPF. Once the Environment Bill is enacted the requirement will be 10%. The emerging Swale Local Plan Policy is for 20% BNG.	Ongoing	On Track
Environment & Leisure	Minimise use of fertilizers, pesticides and weed killers.	Short	Small	Use of pesticides is only undertaken as spot treatment on hard surfaces with contractors having converted to a chemical with a lower rate of active ingredient to further reduce pesticide use.  Street cleansing contract to use alternative methods from 2024.	Ongoing	On Track
Environment & Leisure	Promote use of locally produced compost derived from garden and food waste collections	Short	Small	SBC resources would not allow this campaign to be repeated in spring 2022 and the compost supplier could not provide the compost. Now a campaigns officer is in post, we will try and repeat this successful campaign in spring 2023. Material is	Unfortunately the compost supplier unable to deliver.	On Track

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				derived from garden waste only now as food waste goes to an AD plant.		
<b>Environment &amp; Leisure</b>	Encourage coppicing of council woodland to promote biodiversity and use of local woodland products in Swale's country parks.	Short	Small	Discussion with local coppice contractors to identify appropriate timber from the felling plan for this season's contracts are ongoing. 1.37 ha coppiced	1.25 ha coppiced	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Engage business and community groups to support tree planting and conservation work in Swale's efforts to achieve action 1	Short	Large	Continuing work supporting community groups. Also encouraging tree planting via Swale Green Schools Forum. Successful tree week.	Ongoing	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Promote forest and beach schools	Short	Small	Positive outcomes from MSEP project. Regular interaction with 20+ primary and secondary schools via the Swale Green Schools Forum.	Regular interaction with 20+ primary and secondary schools via the Swale Green Schools Forum	<b>On Track</b>
<b>Environment &amp; Leisure</b>	Support Swale in Bloom working with schools, community groups, voluntary groups and Town and Parish Councils to enhance local habitats and wildlife corridors improving biodiversity conditions across Swale	Short	Small	Continuing work supporting community groups. Also encouraging tree planting via Swale Green Schools Forum. Grants and information provided via the monthly Green Grid newsletter. Excellent In Bloom judging results. Strong focus on biodiversity, bee roads and reuse/recycling. 'Get Swale Growing' plant giveaway during GBGW.	Ongoing but no officer resource to support In Bloom.  No funding for plant giveaways in Great Big Green Week	<b>On Track</b>

Table 8 Progress against ecology and biodiversity actions



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This year we have planted 295 standard trees and 14053 whips. A second bid has been made to LATF to facilitate further tree planting.

### Update after Tree Week in November

We are reducing our use of pesticides, herbicides and fertilizer and encouraging the use of compost from food waste recycling.

The renewed grounds maintenance contract also included increased provisions to reduce fertilisers, pesticides and weed killers, as well as a commitment to replace vehicles and tools with electric models from year one. The waste contract will not use any pesticides.

The Environment Grant scheme reopened in October using ring fenced funds from littering fines.

Developers are being encouraged to leave gaps in garden walls and fences for hedgehogs. Warning stickers from the Hedgehog Preservation Society have been added to strimmers and other heavy machinery used by SBC contractors, Blenwood. Operatives have also been made more aware of the need to protect wildlife through training talks.

This year 1.25 ha of coppicing occurred in Perry Wood. This brings work in line with the management plan. All the timber has been used for fencing locally. Coppicing enhances biodiversity, allowing wildflowers and insects to thrive as light reaches the woodland floor.

Our Green Grid network continues to grow and keeps like-minded organisations and individuals in touch. We publish a monthly e-newsletter with a mailing list of over 170 local businesses, parish councils, community groups and individuals. The combination of twice yearly networking meeting and visit to a local green business has proved popular. In 2023 we visited Plumford Farm who were recipients of one of our clean growth grants – using it to install solar panels to run cold storage in the winter and pumps for irrigation in the summer, and Murston Old Church a restored church which is now an arts display venue and new build artists' units and cafe.

The drafted Local Plan includes policies to improve development outcomes with support for access and recreation, green spaces, biodiversity and climate change adaptation and mitigation. There are policies to ensure the installation and maintenance of landscaping in new developments to contribute to biodiversity net gain via suitable conditions or Section 106 agreements. We have gone beyond the Government requirement of a 10% biodiversity net gain and are seeking a net gain of 20%.

We were approached in 2021 by the Kent Wildlife Trust to be their only Kent local authority partner in their Wilder Carbon Project which is investigating both offsetting and biodiversity net gain. We are working with them and a local landowner to explore offsetting

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opportunities for our own estate initially and then to broaden the offer to developers. We are also working with them on the 3Cs project exploring saltmarsh restoration in the Swale. A similar saltmarsh restoration/creation project is being under taken by Peel Ports to make use of beneficial dredging materials.

A cluster of thirty local farmers is working on the opportunities for biodiversity net gain in the borough and has identified some sites and exploring the feasibility of others.

### Energy Generation and Storage

Dept.	Action	Timescale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
<b>Property</b>	Perform a viability survey at all existing council owned sites to potentially accommodate solar PV.	Medium	Small	Swale House and Master's House retro-fit took priority. Property does not currently have the resource to review in detail.	Feasibility study commissioned and completed	<b>Complete</b>
<b>Environmental &amp; Leisure / ECS</b>	Signpost residents and businesses through communicating benefits, understanding financial and business cases for installing energy storage with grid balancing capability.	Long	Medium	General business engagement on energy and low carbon solutions continued, however no specific focus on energy storage due to lack of time, skills and resources.	As Dec 2022	<b>Not Started</b>
<b>Planning Policy</b>	Investigate the possibility of increasing thermal storage (e.g., hot water and ground inter-seasonal storage) for greater maximisation of local energy generation.'	Medium	Medium	Suggest this is removed from the Action Plan at this stage as Local Plan Review unlikely to have resources to progress this level of detail. Could be mentioned in update to pre-amble to DM 4		<b>Obsolete</b>

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				Sustainable energy production, distribution and storage (Reg 19, 2021)		
	Investigate a pilot programme to use new technology such as virtual private wire technology to balance between energy generation, storage and use within the borough as part of achieving net zero carbon.	Medium	Medium	Early work with Wheelebrator, BEIS and KCC. Rejected by central gov		<b>Obsolete</b>
<b>Property / ECS</b>	Develop Swale as an innovation area promoting new low-carbon technology, linked to incubator units for low-carbon start-ups in a retrofitted Swale House.	Medium	Medium	Swale House commercial use deemed to be a priority but not in the context of low carbon innovation – we would be constraining ourselves. We will presumably create space that allows them to operate in a more Carbon efficient way, focused on the need to reduce carbon from the commercial sector in the Borough generally, rather than an innovation/low carbon sector specific workstream. Property does not currently have the resource to review in detail.		<b>Obsolete</b>
<b>Environment &amp; Leisure</b>	Encourage and support community energy projects.	Medium	Small	No Change in year but plans to pursue in 2023	Encourage and support local community projects.	<b>Started</b>

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	Consider community energy as a financial investment.					
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Table 9 Progress against Energy Generation and Storage actions

Permission has been granted, by the Secretary of State, for the Cleve Hill Solar Park. This will consist of 800,000 solar panles over an area of approximately 360 hectares on the Graveney Marshes. It will have the capacity to generate 350MW of electricity and will have 700MW of battery storage. Work has recently started on construction.

The draft Local Plan includes policy on renewable technology at micro and macro levels.

### Resilience, Adaptation and Offsetting

Dept.	Action	Timescale	Carbon Red. PA	Progress Dec 2022	Progress Dec 2023	Status
<b>Planning Policy</b>	Incorporate a policy on climate change adaptation in the local plan review	Short	-	Being progressed through the Local Plan Review	As Dec 22	<b>Started</b>
<b>Emergency Planning</b>	Regularly update the Emergency Plan for the borough in partnership with the County Council	Short	-	Ongoing	Ongoing	<b>On Track</b>
<b>Planning Policy</b>	Ensure the Local Plan reflects the level of current and future flood risk, and development in flood risk areas is avoided.	Short	-	Being progressed through the Local Plan Review	As Dec 22	<b>Started</b>

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<b>Planning Policy</b>	Ensure the Local Plan provides for linking habitat restoration and creation to improve access, flood protection and water quality.	Short	-	Being progressed through the Local Plan Review	As Dec 22	<b>Started</b>
<b>Planning Policy</b>	Ensure the installation and maintenance of green infrastructure via the Local Plan and suitable conditions or Section 106 agreements in subsequent developments.	Short	Medium	Being progressed through the Local Plan Review	As Dec 22	<b>Started</b>
<b>Planning Policy</b>	Work with the Environment Agency, KCC and the Lower Medway Internal Drainage Board to manage flood risk and coastal erosion across Swale.	Medium	-	Ongoing	Ongoing	<b>On Track</b>
<b>Planning Policy</b>	Work to restore natural processes within river systems to enhance water storage capacity and improve water quality.	Medium	-	Green Grid responsibilities have been transferred from ECS to EL/CEE.	Contact with LMIDB	<b>Started</b>
<b>Planning Policy</b>	Develop and start to implement a Nature Recovery Network, linking habitat restoration and creation to improved access, flood protection and water quality	Medium	Small	Planning: Being progressed through the Local Plan Review (Early stages, working with KNP/KWT) ECS: Green Grid responsibilities (including this action) have been transferred from ECS to EL/CEE	As Dec 22	<b>On track</b>
<b>Planning Policy</b>	Work with Lower Medway Internal Drainage Board to minimize the long-term risk of flooding	Short	-	Ongoing	Ongoing	<b>On track</b>
<b>Emergency Planning</b>	Make sure everyone is able to access the information they need to assess any risk to their lives, livelihoods, health and prosperity posed by flooding and coastal erosion;	Medium	-	Flood Awareness Week promoted via social media	As Dec 22	<b>Started</b>
<b>Emergency Planning</b>	Bring the public, private and third sectors together to work with communities and individuals to reduce the risk of harm – particularly those in vulnerable areas.	Medium	-	Promote third party events	As Dec 22	<b>Started</b>

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*Table 10 Progress against Resilience, Adaptation and Offsetting actions*

The draft Local Plan includes policy on climate change adaptation.

Strategic Flood Risk Assessments have been undertaken and the Local Plan will reflect the level of current and future flood risk, and development in flood risk areas will be avoided.

The Local Plan will provide for linking habitat restoration and creation to improve access, flood protection and water quality, and the installation and maintenance of green infrastructure via suitable conditions or Section 106 agreements in subsequent developments.

We regularly update the Emergency Plan for the borough in partnership with the County Council and make sure everyone is able to access the information they need to assess any risk to their lives, livelihoods, health and prosperity posed by flooding and coastal erosion.

We bring the public, private and third sectors together to work with communities and individuals to reduce the risk of harm – particularly those in vulnerable areas. We have supported communities in the development of their localised emergency and flood plans. We advertise the Environment Agency run awareness weeks.

We are working with the Environment Agency, KCC and the Lower Medway Internal Drainage Board to manage flood risk and coastal erosion as appropriate across the Borough.

### Looking forward

In 2019 we set very ambitious targets to reach net zero. This drove us to start on projects which might have been delayed otherwise – tree planting, LED roll out, car clubs, EV charging, the renovation of Swale House and the Master's House to name a few. Our efforts have been recognised by the Carbon Disclosure Project and Climate Emergency UK. Covid brought its challenges but also accelerated the use of virtual meetings and hybrid working, paper use and business mileage has reduced dramatically.

However it has become apparent that we will not reach the aspirational 2025 council target although we are moving in the right direction. We remain committed to reducing both our own emissions and in leading our borough's residents and businesses on their net zero journey. There are a number of reasons for this including industry the not being able to deliver the correct infrastructure needed to reduce our waste collection emissions and constantly changing offsetting situation.

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The Borough targets will also remain a challenge due to the recent central government announcements re delaying the switch to EVs, the delayed change and reduced numbers changing from gas boilers, the removal of the improved EPC requirement on landlords and the delay to biodiversity net gain rules for developers which have all weaken the drivers for our work when we need strong national leadership and guidance.

At Swale we have a small dedicated team which has worked with the Steering Group to embed the cause across the entire organisation. The emergency impacts all out work. Staff recruitment and retention is an issue with staff leaving for London and other unitary authorities – at least ten officers left Kent wide in 2023. We were without a full-time project officer for several months in this reporting cycle. We need to explore more joint working Kentwide and this is in development.

In order to respond to the challenges to the targets we need to revisit our footprint to establish where we are and how we proceed, setting new actions to make sure we maintain momentum. This will need include whether we offset or retarget.

The financial situation facing local authorities and the cost-of-living crisis has limited our options and we need to understand what is feasible.

During the early part of 2024 we will revisit our Action Plan and take a revised version to the Environment Committee for adoption.

## Climate and Ecological Emergency Annual Report 2024

### 2024 Top 10 Priority Actions

Action	Action Owner	Target date	Annual carbon reduction (tCO2e)	Measures of Success
1	Property	2023	Large	<ul style="list-style-type: none"> <li>Studies completed.</li> <li>PV roll out started</li> </ul>
2	Environment and Leisure	2025	Medium	<ul style="list-style-type: none"> <li>Strategy shared with stakeholders.</li> <li>Installation of additional charge points in car parks in areas with high on-street demand</li> <li>Work with KCC to deliver on street parking via the LEVI scheme</li> </ul>
3	Environment and Leisure	2025	1,481t offset of woodland	<ul style="list-style-type: none"> <li>Progress made against tree planting targets.</li> <li>Other planting opportunities investigated (e.g., hedgerows, saltmarsh etc)</li> <li>Work completed with stakeholders and other landowners to identify further sites to plant.</li> <li>Engagement work conducted with residents, schools and groups to increase understanding of the importance of trees.</li> <li>Biodiversity Net Gain in tree planting sites</li> </ul>
4	ECS, Planning, Air Quality	2030	Large	<ul style="list-style-type: none"> <li>Develop LCWIPs in Sittingbourne &amp; Sheerness – use LCWIPs across borough to apply for infrastructure funding.</li> <li>Linking Coasts to Downs routes finalised and advertised.</li> <li>Installation of cycle racks</li> <li>Bike Hire scheme investigated.</li> </ul>
5	HR, Environment and Leisure	Short	Small	<ul style="list-style-type: none"> <li>Green Champions activities progressed, measured through behaviour change across teams.</li> <li>Carbon Literacy training delivered, and Carbon Literacy Organisation certification investigated.</li> </ul>



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	about the climate & ecological emergency. Review of staff business travel				<ul style="list-style-type: none"> <li>Member training developed and delivered.</li> <li>Staff business travel review complete</li> </ul>
6	Support businesses to reduce carbon emissions and improve ecology and biodiversity.	ECS	Medium	Medium	<ul style="list-style-type: none"> <li>Increased installation of work-place chargers measured across the borough.</li> <li>Increased number of businesses engaging with the council to receive support on decarbonisation measures.</li> <li>Measure success of Clean Growth Grant and share best practice/case study examples</li> </ul>
7	Behaviour change around domestic waste and food recycling	Environment and Leisure	short	Small	<ul style="list-style-type: none"> <li>Communication strategy and materials developed.</li> <li>Increased recycling rates</li> <li>Less contamination of blue bins</li> </ul>
8	Refresh the Action Plan	Environment and Leisure	2023	Small	<ul style="list-style-type: none"> <li>Action Plan aligned with Corporate Plan priorities</li> </ul>
9	Implement stage 1 of LED roll out across council parks and open spaces	Environment and Leisure	2023	Medium	<ul style="list-style-type: none"> <li>LED lighting installed across the estate, prioritising most in demand areas.</li> <li>Carbon and cost savings captured and promoted to parish councils and other stakeholders to encourage installation of LED lighting</li> </ul>
10	Improve air quality across the whole borough, focussing on the six air quality management areas (AQMAs)	Air Quality, Environmental Health	short	Small	<ul style="list-style-type: none"> <li>Air Quality Action Plan 2023-2028</li> <li>Air Quality Defra bids</li> <li>Pollution Patrol - increased engagement with schools</li> <li>Success of bid to Defra and development of resource</li> <li>Continuing reductions in NOx and particulate matter evidenced in Swale's Annual Status Reports.</li> </ul>

Table 11 – New top 10 priority actions for 2023

### Conclusion

In the four and a half years since the Climate and Ecological Emergency was declared, Swale has made good progress in what have been, extremely unusual and challenging circumstances. We remain a leader in Kent in both our ambition and achievement. Highlights include electrification of the SBC vehicle fleet, improved infrastructure of electric vehicle charging across the Borough, the establishment of the car clubs, and the energy efficiency improvements in both Swale House and the Master's House. Strong partnerships have been formed with environmental groups and work on biodiversity net gain has begun. The new refuse collection contract will facilitate progressive savings and see the use of more efficient and cleaner vehicles.

Covid led to some emissions reductions particularly around transport. The challenge will be to retain and build on the best adaptations that have contributed to a reduction in carbon emissions while facilitating and improving our everyday lives by, for example, video conferencing technology, good broadband, more journeys made by walking and cycling, supporting local businesses etc.

It is always the case that the first reductions made to carbon emissions are the easiest to make. Substantial year-on-year cuts will become increasingly difficult. Our challenge now is to revisit our targets and revise our Action Plan in order to deliver the best for our residents at a realistic cost.

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<b>Environment Committee Meeting</b>	
<b>Meeting Date</b>	5 November 2023
<b>Report Title</b>	Barbeques in Public Spaces - Review
<b>EMT Lead</b>	Emma Wiggins, Director of Regeneration & Neighbourhoods
<b>Head of Service</b>	Martyn Cassell, Head of Environment & Leisure
<b>Lead Officer</b>	Graeme Tuff, Greenspaces Manager
<b>Classification</b>	<b>Open</b>
<b>Recommendations</b>	<ol style="list-style-type: none"> <li>1. To note the report and not proceed with a specific PSPO ban on the use of disposable barbeques in Council open spaces at this time.</li> <li>2. That Officers continue working with Community Safety colleagues to monitor statistics of barbeque related fires within Swale and to monitor the impacts of other Council's bans (including Canterbury's) and the effectiveness of PSPO enforcement.</li> </ol>

## 1 Purpose of Report and Executive Summary

- 1.1 Following a Council recommendation to look into a proposed Motion "Use of BBQ's" and the subsequent Environment Committee report and debate, this report updates Members following a year of monitoring locally by Kent Fire & Rescue Services and identifies the experience from a neighbouring authority who have enforcement powers to ban the use of barbeques through a Public Space Protection Order.
- 1.2 This report summarises the information previously provided and makes a recommendation for continued monitoring.

## 2 Background

- 2.1 The Summer of 2022 set new records for heat in the UK and brought to the public awareness the risk of large scale fires in open spaces. Kent saw a number of major incidents, with Swale experiencing a small number of recorded fires in our open spaces.
- 2.2 As a result, a Motion (see appendix I) was presented to Council on 7 December 2022. Councillors referred the Motion to the next feasible Environment Committee without debate and this took place on 2 March 2023 Minute no. (760)/2/3/23.
- 2.3 The original motion asked Councillors to note the comments made by London's Fire Commissioner which amongst other things, suggested a national ban on the

- sale of disposable barbeques and asked the Council specifically to write to Central Government and the local MPs for Swale in support of a national ban. At the meeting on 2 March 2023, it was agreed that the Chair of the Environment Committee send a letter to Central Government and Local MP's, lobbying for a national ban on the sale of disposable BBQ's.
- 2.4 The motion also proposed a ban on the use of barbeques from all council owned land to the extent that this is possible, with the exception of registered campsites, beach huts or events that have a risk assessment in place and a method agreed with the council regarding use and disposal.
- 2.5 Barbeques have a number of risks when used in public spaces. As mentioned in the motion, a single ember could in certain circumstances create a large scale fire, putting those in the public space at risk and greatly impacting nature and biodiversity. Furthermore, if they are left in-situ they create a risk of other users of the spaces touching/falling/stepping on them and causing injury. Finally, it is difficult to dispose of these products safely. They remain hot for a long time after use and are therefore difficult to take home. This results in them either being left or placed in public litter bins and examples have been seen elsewhere where litter bins then catch fire.
- 2.6 The motion asked for views on how we might control use and implement fines for non-compliance. The report to Environment Committee identified that Swale currently has byelaws in place for our parks and open spaces and foreshores. The 2005 Pleasure grounds, public walks and open spaces document details the sites where the byelaws apply and the conditions of use. Under the protection of the ground, its wildlife and the public, we have a section specifically for fires. However, The Sheppey Promenade Beach and Foreshore byelaws of 1991, do not contain any reference that could be considered to cover the use of disposable barbeques. Therefore, at the current time it would be difficult to enforce any ban on use of barbeques on the beaches.
- 2.7 As such, there are some existing legal mechanisms in place to deal with the issue should it be felt required. The issue with byelaws is having the resource to enforce them and if we were to enforce, there is currently no option to impose an immediate fine. In all enforcement we have to consider what is proportionate and the level of fine imposed is generally low. Therefore, one would suggest this mechanism would only be used in extreme circumstances.
- 2.8 Furthermore the separation of particular instances from enforcement makes for an inconsistent approach and open to challenge. For instance, a beach hut owner could not accurately be evidenced as being a lower risk than somebody simply sitting in a park or beach location. This becomes easier in the example of events, as these are generally pre-planned, registered with the Council and event documents provide evidence of safety and risk assessments. Our 'landhire' form is used to capture this information for any requests to use Council owned land for events.

- 2.9 We have liaised with a neighbouring Borough, who have used different legislation to try and enforce a ban on barbeques in public places. This stemmed directly from a range of incidents that resulted in considerable damage to beach huts, litter bins and personal injuries. Their consultation took 8 weeks and 43% of respondents supported a ban. The Public Space Protection order, amongst other things included '*lighting or fuelling any open fire; and using, lighting or discarding any disposable barbecue*'. This allows for enforcement officers to issue immediate 'fixed penalty notices' (FPNs).
- 2.10 This PSPO came into force in Feb 2023 and feedback provided by the authority advises that subsequently one bin fire was experienced caused by a disposable barbecue. Some warnings were issued this summer as an introduction to the new order, but no FPN's had been issued. They further advise that next summer will be the big test.
- 2.11 Swale Borough Council has a range of PSPOs in place covering dog offences, alcohol control and the gating of specified alleyways with regular reviews in place. Consultation with the public and police would be required to create a new PSPO related to this motion and evidence would need to directly link to disposable barbeques being the source of incidents.
- 2.12 Monitoring by Kent Fire & Rescue Services has identified 4 fires in Swale linked to disposable barbeques recorded over the last year. However with limited detail provided, while these were within the public realm it has not been possible to identify if these were in Public Open Spaces or Seafront areas controlled by the Council.

### **3 Proposals**

- 3.1 Given the relatively low level of incidents recorded by Kent Fire and Rescue Services it would be difficult to justify the introduction of a specific PSPO banning the use of barbeques in public open spaces at this time.
- 3.2 It is recommended that Officers continue working with Community Safety colleagues to monitor statistics of barbecue related fires within Swale and to monitor the impacts of other Council's bans (including Canterbury's) and the effectiveness of PSPO enforcement.

### **4 Alternative Options Considered and Rejected**

- 4.1 Amend the current byelaw for foreshores and beaches to include a section on fires as per the pleasures grounds byelaws. As discussed, enforcement resources would need to be reviewed at a time where the Council is reassessing what it can and can't do due to the pressures of the Medium Term Financial Strategy. Furthermore, if we are reviewing alternative methods, it would not be best use of officer resource.
- 4.2 Seek to implement a new PSPO and go out to consultation on including the ban on use of disposable barbeques. This is not recommended at the current time as

it is not felt there is sufficient evidence to justify the inclusion and we may be challenged on its implementation.

## 5 Consultation Undertaken or Proposed

- 5.1 We consulted with another Council who have recently implemented a ban and sought feedback following the first summer following introduction of their PSPO.
- 5.2 We have liaised with Kent Fire and Rescue colleagues through the Swale Community Safety Partnership, who have provided statistics for this report.

## 6 Implications

Issue	Implications
Corporate Plan	The proposal would align to Priority 2 of the current Corporate Plan - Investing in our environment and responding positively to global challenges.
Financial, Resource and Property	The enforcement of byelaws and/or PSPOs would need either an increase in internal officer resource or increased costs of using an external contractor if they were to be effectively used. This would need to be reviewed against the current Medium Term Financial Strategy and against the Council's priorities.
Legal, Statutory and Procurement	As discussed in the main document the Council currently has byelaws in place that could be used if required. There is strict guidance in place for the use of PSPOs and we would need to evidence the impact their use was having in Swale in order to justify.
Crime and Disorder	There was an increase in fires recorded across Swale in 2022, however the source of these was not known. It is considered the hot weather will have contributed alongside deliberate acts. Monitoring over the last year has identified fires caused by disposable barbeques.
Environment and Climate/Ecological Emergency	Fires in greenspaces can harm wildlife and affect the biodiversity of the location.
Health and Wellbeing	None Identified at this stage
Safeguarding of Children, Young People and Vulnerable Adults	None identified at this stage.



Risk Management and Health and Safety	The main report documents the main concerns relating to use of disposable barbeques in public spaces. Where there is a history of issues, we work with Kent Fire and Rescue to reduce risk e.g. through introduction of fire breaks in grassland and ensuring appropriate access to fire crews.
Equality and Diversity	None identified at this stage.
Privacy and Data Protection	None identified at this stage.

## **7 Appendices**

7.1 The following documents are to be published with this report and form part of the report:

- Appendix I: Motion presented to Council

## **8 Background Papers**

- None

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## Motion - Use of BBQ's

The summer of 2022 has set new records in the UK for heat. Connected to this have been numerous fires that have devastated large plots of land, destroyed properties, killed animals, caused injuries and endangered life. Fortunately, it appears no life was lost but the impact of these fires will last for years.

Some of these fires were caused by people having BBQ's and failing to dispose of them after they have finished. One ember can cause a large fire these can be from a BBQ or other means with a naked flame.

Barbecues and any naked flames pose a significant fire risk if they are not put out properly and, if necessary, disposed of. These can cause grass fires in open spaces and scorching the grassed areas. The dry spell has left grassland like a tinderbox and increases the chances of a fire caused by a disposable barbecue.

London's Fire Commissioner Andy Roe has said "Despite our grass fire warnings, we've still seen some people behaving carelessly and recklessly. On Saturday (23rd July) firefighters prevented a serious blaze at Wanstead Flats caused using a disposable barbecue. We need urgent action now to see a national ban on the sale of disposable barbecues. They can be bought for as little as five pounds and can cause untold damage, especially when the grass is as dry as it has been over the last few weeks".

This council recognises the threat BBQ's and naked flames can have on our land but also that they can also be used appropriately and are an important aspect to the tourism of the area. Several years ago this council agreed a motion to ban the use of lanterns on council land due to the risk they present to livestock and fire. BBQ's if unmanaged are an even greater risk.

This council recognises the comments from Andy Roe and resolves to ban the use of disposable BBQ's from all council owned land with the exception of registered campsites or events that have a risk assessment in place and method regarding use and disposal agreed with the council.

This council:

- Recognises the comments from Andy Roe.
- Would support a ban on the use of BBQs from all council owned land, to the extent that this is possible, with the exception of registered campsites, beach huts or events that have a risk assessment in place and a method agreed with the council regarding use and disposal.
- Would support the introduction of a charge/fine to people who did not follow such a ban, to the extent that this is possible.
- Requests the Environment committee to undertake the necessary work to develop and adopt a policy which would fulfil these objectives, to the extent that they are feasible within the law and any other relevant constraints.
- Calls on the Government to introduce a national ban on the sale of disposable barbecues as soon as possible and resolves to write to the relevant Government Departments and our local MP's expressing this view.

The intention of this motion is also connected to the environmental emergency and our need to protect of grass lands for peoples leisure and welfare of animals and all those who rely on the grasslands. We recognise that a blanket ban on BBQ's would have serious consequences on aspects of our tourism in Swale as it is popular with people when camping and we do not wish to deter this.

Proposer: Cllr Bowen  
Secunder: Cllr Dendor

## Environment Committee Forward Decisions Plan

<b>Report title, background information and recommendation(s)</b>	<b>Date of meeting</b>	<b>Open or exempt?</b>	<b>Lead Officer and report author</b>
Open Spaces and Play Strategy	January 2024	Open	Head of Service: Head of Environment and Leisure, Martyn Cassell  Lead Officer: Jay Jenkins
Public Convenience Cleansing and Maintenance	January 2024	Open	Head of Service: Head of Environment and Leisure, Martyn Cassell  Lead Officer: Alister Andrews
'Scrapsgate field' horse riding review	March 2024	Open	Head of Service: Head of Environment and Leisure, Martyn Cassell  Lead Officer: Graeme Tuff

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