

# Public Document Pack



Democratic Services  
White Cliffs Business Park  
Dover  
Kent CT16 3PJ

Telephone: (01304) 821199  
Fax: (01304) 872452  
DX: 6312  
Minicom: (01304) 820115  
Website: [www.dover.gov.uk](http://www.dover.gov.uk)  
e-mail: [democraticservices@dover.gov.uk](mailto:democraticservices@dover.gov.uk)

05 January 2021

Dear Councillor

I am now able to enclose, for consideration at the meeting of the **CABINET** on Monday 11 January 2021 at 11.00 am, the following appendix to the Climate Change report that was unavailable when the agenda was printed.

11 **CLIMATE CHANGE STRATEGY** (Pages 2-41)

To consider the attached report of the Strategic Director (Operations and Commercial).

Responsibility: Leader of the Council

Yours sincerely

A handwritten signature in black ink, appearing to read "Nicky", written over the text "Chief Executive".

Chief Executive

Dover District Council

# Climate Change Strategy

**Draft** January 2021



# Our vision

Delivering a better environment for everyone and helping to inspire individuals, businesses and other organisations to commit to act to reduce the district's carbon footprint.

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## Forward

We are all having an impact on the environment, and it is a collective responsibility to tackle climate change. We all need to take positive action, and we need to do it now.

Dover District Council declared a climate change emergency in January 2020 and set about developing this strategy and action plan, overseen by a cross-party working group.

Our aim is simple: for Dover District Council to become a net zero carbon emitter by 2030 at the latest.

This involves looking at all aspects of the Council's work. From the way we heat our buildings, to our supply chain, and from how we travel in the district, to how we support local residents and businesses.

Because we also want to help you live and work more sustainably. We aspire for the whole district to be carbon neutral by 2050.

This will, of course, take time. But we now have a far greater understanding of the effects of human activity on the environment, and the technology, resources and shared commitment to tackle it.

The Climate Change Strategy sets out a vision for a cleaner, greener future.

**Cllr Trevor Bartlett**  
Leader of the Council

# Introduction & Purpose

The purpose of this strategy is to explain how the Council intends to step up to meet the challenge and turn the Climate Emergency declaration into a plan of action that will refocus the Council's activity, operations and spheres of influence to reduce emissions, increase sustainability and benefit the wider environment.

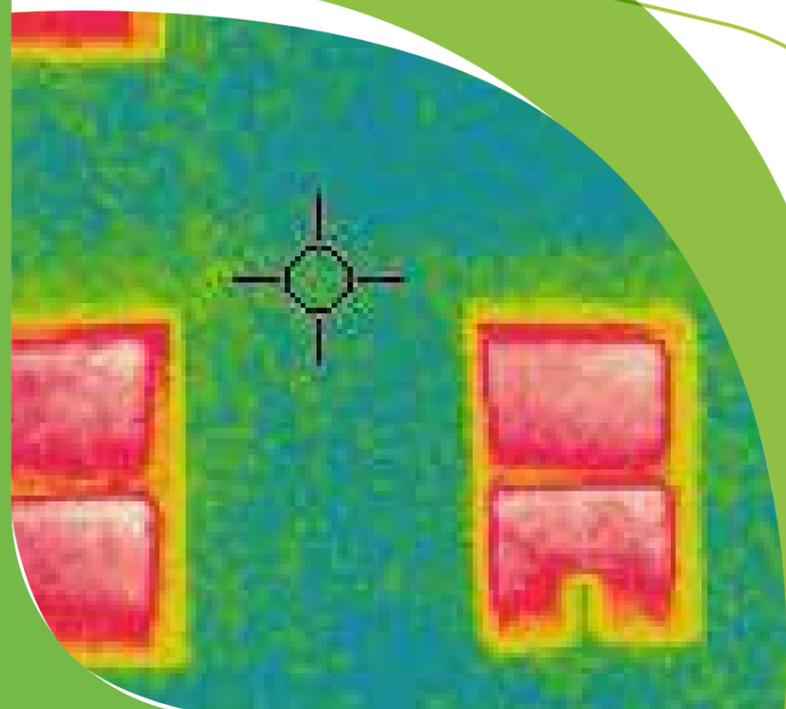
Dover District Council (DDC) has a long history of action to improve the environment of the district. Mitigating its impact on Climate Change, replacing its street lights with LED's, the new Dover Leisure Centre being built to BREAM very good rating (achieving highest energy efficiency rating Leisure Centre in Kent), ensuring Council new build/ refurbishment projects taking a fabric first approach to minimize heat loss, offering energy advice and grants to assist residents improve the thermal efficiency of their properties and achieve affordable warmth. Protecting and enhancing the environment through environmental improvement projects, including the chalk grassland management programme and the River Dour project managed by WCCP raising awareness of the importance of green and blue spaces involving residents to increase ownership of these valuable assets. Encouraging sustainability by taking action to continuously improve recycling rates, piloting a trial of solar p.v and battery storage to monitor the benefits of renewable energy (both in energy costs and demonstrate the effectiveness of 'green' energy sources). Measures are also being taken to increase the District's resilience to the unavoidable impacts of our changing climate through actions such as the recycling of shingle at Kingsdown to address the impact of Longshore Drift and the installation of rock groins to protect properties against rising sea levels. The above actions fall into two categories, those that are implemented once, and not repeated, and those where there is an ongoing need. In declaring a Climate Change Emergency, the Council is acknowledging the need to build on existing action and the necessity of the change in gear required to meet the challenge of Climate Change.

Dover District Council has also supported International, National and Local initiatives relating to both the environment and our changing climate. Dover District Council is a signatory to the Kent Environment Strategy and Climate Local. It has collected data in relation to Greenhouse Gas Emissions and the Home Energy Conservation Act, even when collection of data was not mandatory. The Council was therefore in the fortunate position of having robust baseline data when the Council formally declared a Climate Emergency in January 2020, following the recommendation made by Cabinet in November 2019.

The purpose of this strategy is to explain how the Council intends to step up to meet the challenge and turn the Climate Emergency declaration into a plan of action that will refocus the Council's activity, operations and spheres of influence to reduce emissions, increase sustainability and benefit the wider environment. The strategy gives focus how the 2030 target of net zero for the Council's own estate, and the 2050 target for the wider district can be met, through mitigation (measures taken to reduce net emissions) and recognising the need to adapt to the inevitable changing climate. It also recognises the need to tackle the 2030 and 2050 target concurrently to achieve the wide ranging and challenging ambition in the relatively short timescale.

The measures taken in reaction to the Coronavirus pandemic has shown that we can pull out the stops and that we can make dramatic changes to our collective behaviour, resulting in reduction in emissions and improvements in air quality. In the context of the overall picture these benefits are relatively minimal but it's crucial that the impetus is not lost. It's important that the gains made are not lost in the recovery from Covid-19 lockdown. Indeed, any attempt to restart the economy in a "business as usual" scenario would be disastrous.

Whilst there will be a need to balance the additional pressures on Council resources, Climate Change waits for no one and the impacts continue to grow along with the need for urgent action. The Council's response to COVID 19 has demonstrated the unique role the Council has in leading on and coordinating action that makes sense locally and a workforce that can be deployed where needed and are flexible enough to adapt. These qualities can be used to ensure the 'green thread' of Climate Change is woven into all of the Council's recovery plans, strategies and projects and considered on a case by case basis to achieve local Climate Emergency ambition in support of the legally binding National targets.



# The need for action

The Stern Report of 2006 demonstrated that the cost of doing nothing to combat climate change far exceeded the modest cost of 1-2% of GDP in the UK, the opportunity for widescale restructuring of the economy and replacing old ways with new and how climate change is interwoven with social issues such as poverty. Professor Stern followed up this report with the book *Why Are We Waiting* (published around the time of COP 21 in Paris). One of the factors mentioned in the book is the need for better communication on the issue. In the last couple of years public knowledge/ perception has indeed increased, not least due to the actions of Greta Thunberg, about whom Sir David Attenborough said 'you have aroused the world. I'm very grateful to you'.

In May 2018 Greta Thunberg won a climate change essay competition, three months later she started to protest outside the Swedish Parliament, calling for a school strike for Climate. Her protests went viral leading to support from students around the world. Since then Greta Thunberg has become the leading voice on the crisis humanity faces arising from Climate Change, gaining international recognition and inspiring millions to join protests around the world and increasing public awareness on the subject, evidenced by recent surveys outlined below.

The full list of key documents, policies and perception surveys are appendix 1 to this strategy.



# The Climate Change Member Working Group: Purpose and Remit

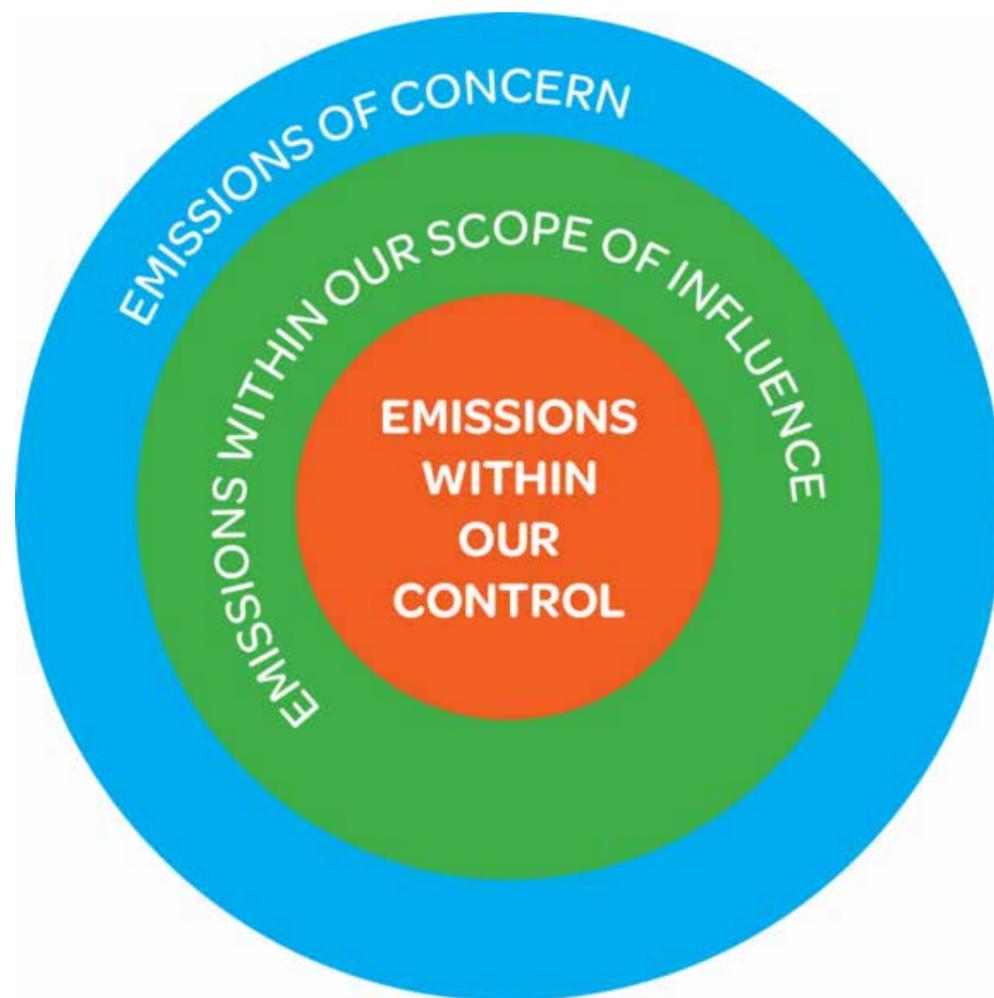
A cross party Climate Change Member Group was set up to explore issues associated with Climate Change, and currently meet every two months.

## The Working Group objectives are:

- To understand the opportunities in delivering and setting a Council wide net zero carbon emission target
- To identify the scope of and prepare, a costed Climate Change Strategy and Action Plan, setting out plans for Dover District Council to become a net zero carbon emitter by 2030 at the latest
- To identify resources required to implement the Strategy and Action Plan
- To set a regular (no less than annual) review and monitoring process.

# Scope of the Strategy

The Strategy recognises that the Council has different levels of control and influence, and indeed areas of concern regarding emission reduction, protection of the environment and meeting the challenges and opportunities of a changing climate.



This strategy also recognises the inter-relationship and interdependence with the wider areas of sustainability and environmental protection. Climate change, sustainability, and environmental action are not the same thing, but neither are they competing ideas. Sustainability cannot be achieved without dealing with climate change or environmental action. The solutions to climate change must be economically, socially and environmentally sustainable. It is also important to remember that it is necessary to take action to: -

- a) reduce the severity of climate change
- b) deal with the change that is now inevitable.

## The scope of the Strategy comprises:

- Consideration of ALL the Council's activity and operations (as detailed in the original Cabinet Report 4 November 2019), where it has control, areas which the Council can influence, and emissions of concern within Dover District
- The need to lead by example recognising and minimising the environmental impacts in discharging the Council's statutory functions, improving the health and wellbeing of our residents and contributing to the sustainable economic development of the district.
- The need to embed environmental sustainability into the effective and efficient running of Council services
- The evolving legal and statutory duties placed on the Council regarding the environment and the national response to climate change.

The Strategy provides a framework for the Council to action. The Strategy and underlying action plans will be living documents due to the complex, fluid and innovative nature of the Climate change agenda and the measures that can be taken to address DDC emissions by 2030 and the district emissions by 2050.

# The Green Thread

## Interaction with the Corporate Plan and Corporate Interdependencies

The Council's Corporate Plan recognizes the inter-dependency between the services we deliver, and outlines how the Council will facilitate and deliver a stronger local economy, stimulate investment and encourage more people to visit whilst protecting the District's natural environment, rich heritage with renewed emphasis on addressing climate change and sustainability.

This Strategy coordinates the Council's 'GREEN THREAD' overall approach to the Climate Emergency, and actions in the underlying action plans will be incorporated and expanded throughout different departmental strategies and plans, ensuring these commitments work alongside other priorities including equality, health inequalities and social justice, thus ensuring the most vulnerable in the District are not adversely disadvantaged.

# Turning the Declaration into a Plan of Action



## Defining the Problem

Whilst Climate change impacts and emissions know no boundaries, overarching emission figures attributed to the Dover district are provided by the Department for Business Energy and Industrial Strategy (BEIS – formerly DECC). These are detailed on the following pages and will provide both the baseline for and evidence of the progress towards the net zero carbon emission targets set by Dover District Council.

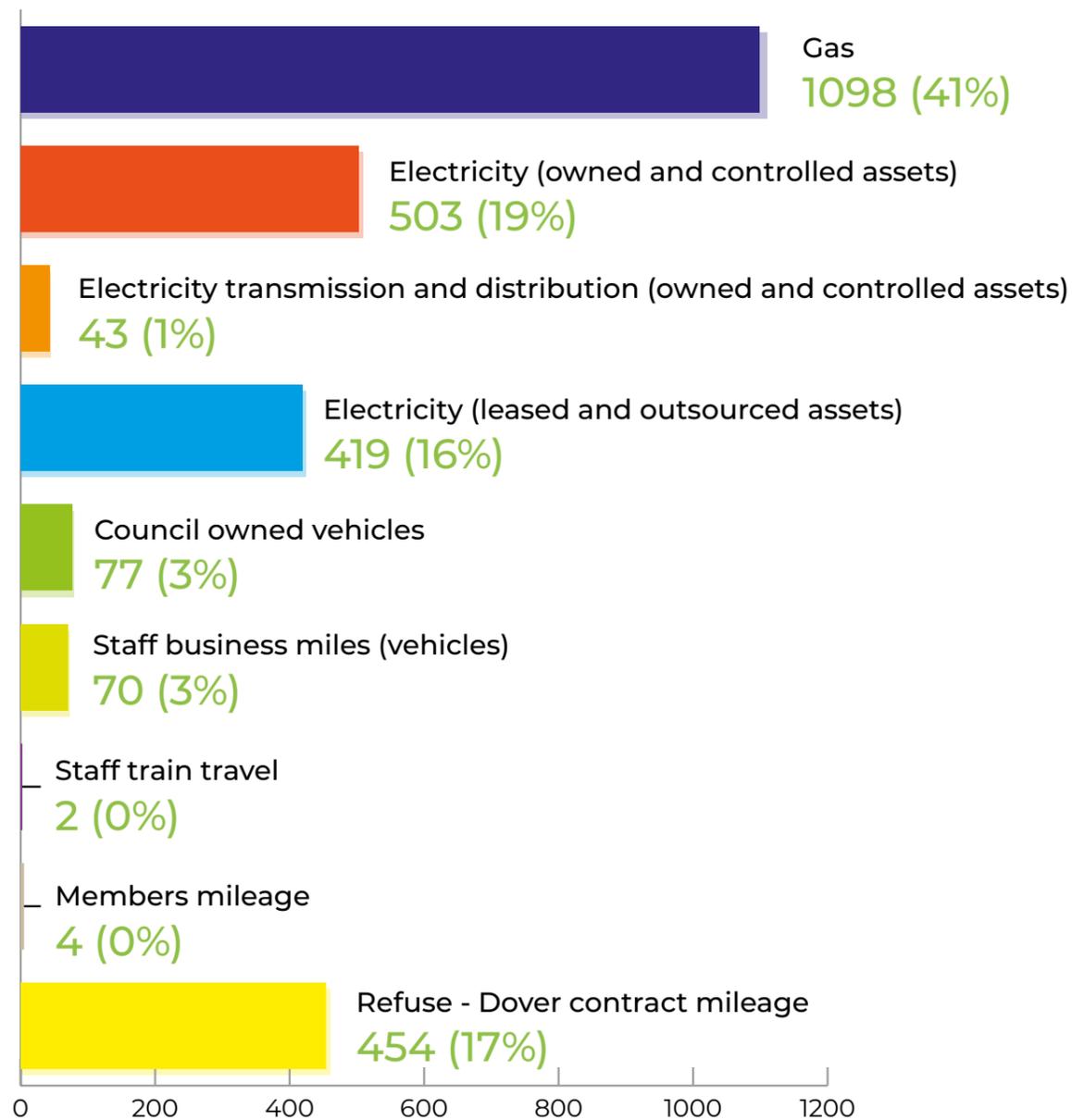
Energy consumption in buildings, and transport are significant emitters within the Council's estate and wider district as highlighted in the following charts, indicating areas that need the greatest attention. The extent of energy used in the domestic sector demonstrates the need for retrofit the existing housing stock, and the need to ensure future development minimizes energy consumption and reliance on fossil fuels.



## 1) Emissions within DDC Control

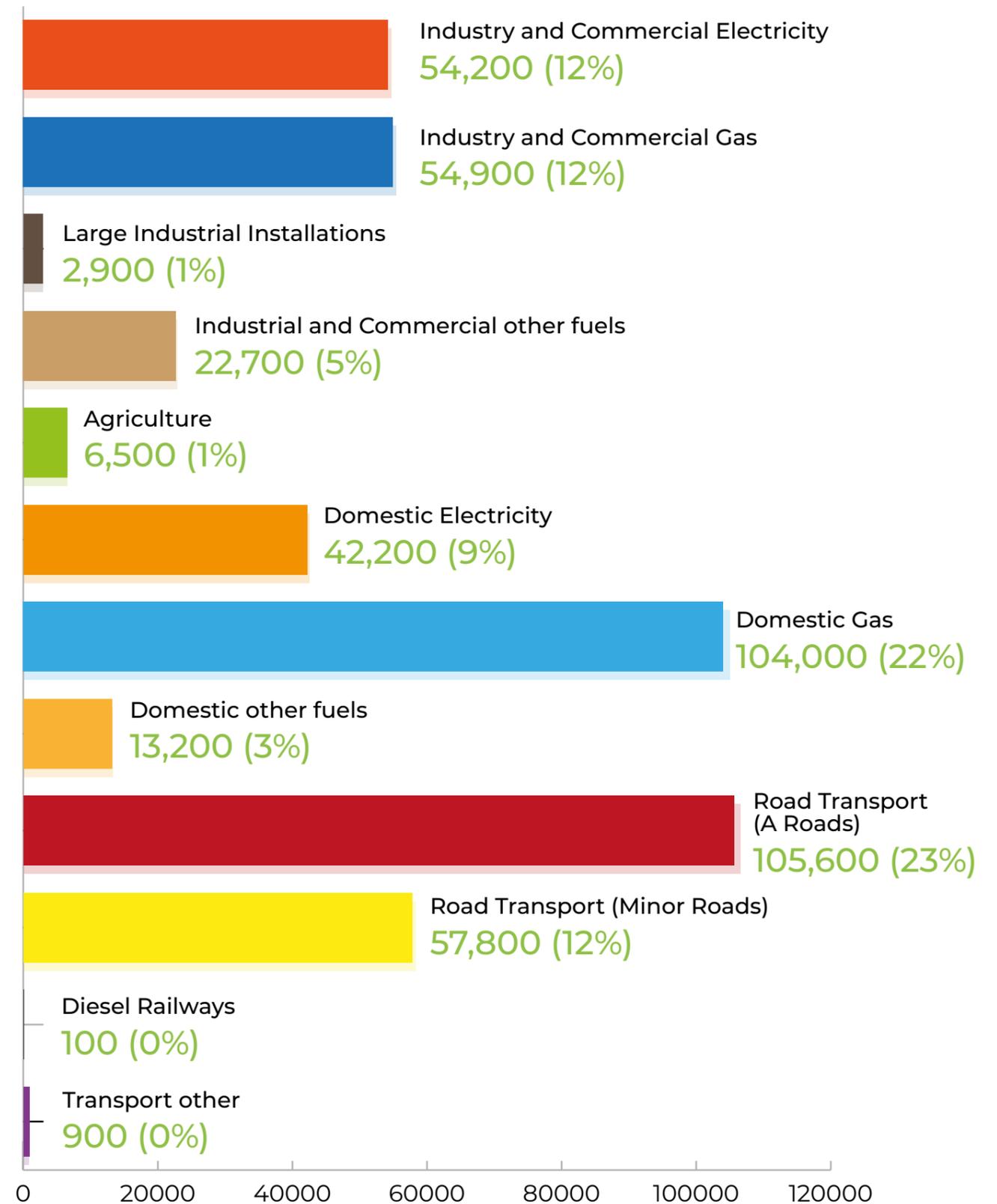
The Council reports annually on the emissions (Greenhouse Gas Emissions Report) that result from its own estate and functions and the most recent emissions are broken down in the chart below:

### Greenhouse Gas Emission 2018/19 tonnes of CO2



## 2) Emissions within DDC Sphere of Influence, and emissions of Concern

### Local Authority CO2 emissions 2018 tonnes of CO2



# How the climate change strategy is actioned

## 1. Overview of Work Strands

The report to Cabinet in November 2019 outlined 8 themes that are equally relevant across emissions that are within the Council's control, influence or are of concern and are relevant to both inward looking and outward facing workstreams/ functions and actions that are carried by the different departments of the Council :-

- Assets & Estate
- Governance
- Natural Environment
- Air Quality
- Transport
- Housing
- Procurement
- Waste
- Local Development Plan

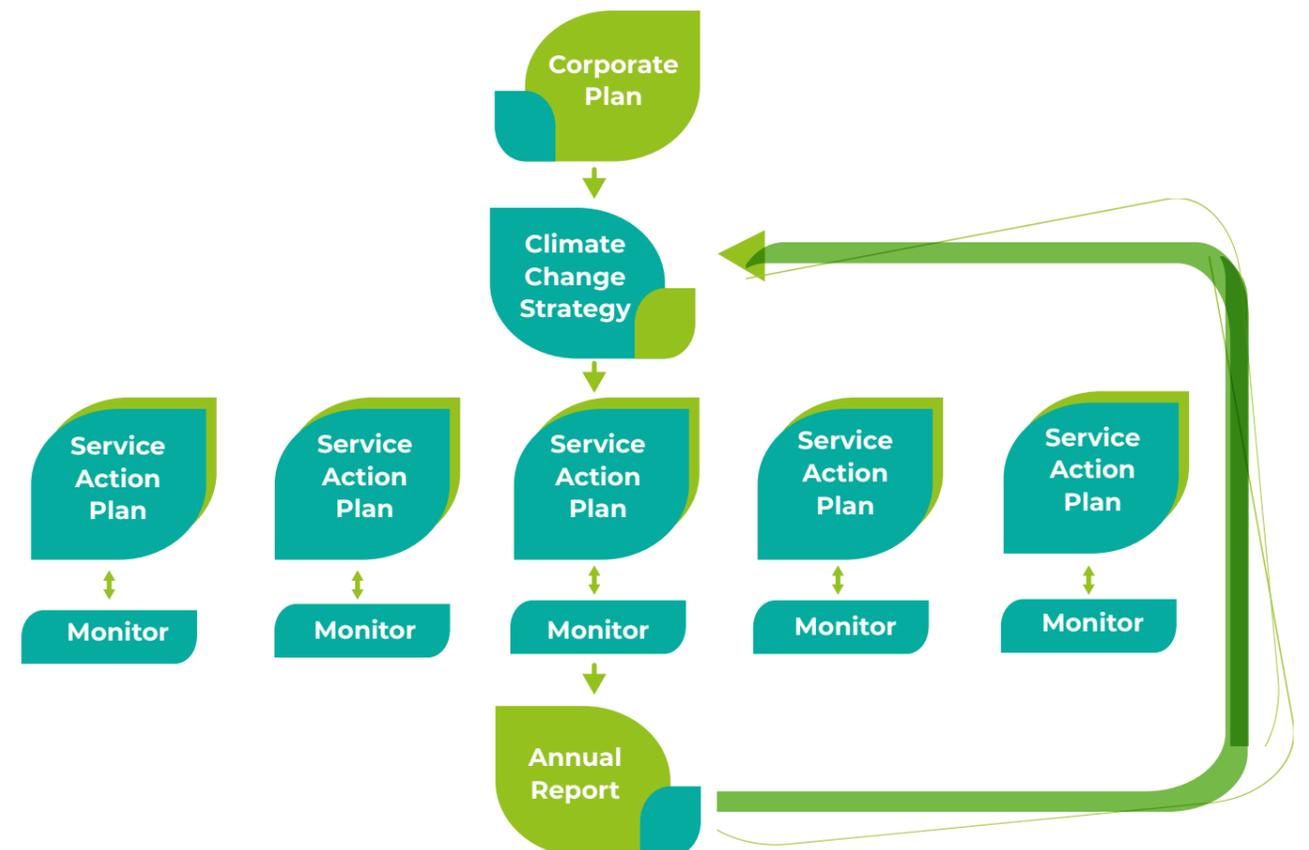


## 2. Weaving the 'green thread' into Council business

This Strategy sets out the high-level ambition and will then need stimulate action in the different service areas across the Council. Overarching plans will be set out under the 3 emission themes (control, influence and concern) and form appendices to this strategy. Each service area will undertake action that falls within their remit and inter departmental collaboration where appropriate.

The importance of constant engagement and communication with the District's community cannot be underestimated in the successful delivery of this strategy and the action plans that will underpin it. Wider community involvement is critical in identifying and removing barriers that currently exist and to achieve buy-in, support, behaviour change and empowering communities to be part of building a better future for the district.

This Strategy, and underlying action plans are living documents and will require review and revision to reflect the fast-moving nature of the agenda and ever evolving innovation.





### 3. Monitoring and reporting

Monitoring and reporting are essential to ensure that actions taken are effective and enable informed decisions to be made. Carbon emission metrics, measured against baseline data, are the tools used to highlight the effectiveness of action.

Each service area will be responsible for monitoring the success and impacts of their actions. Achievements and lessons learnt will inform future action/ action plans. Each service area will provide updated information to allow for calculation and collation of the overall picture of Council action into the relevant annual reports.

The Council currently reports progress through the following: -

#### **DDC Greenhouse Gas Emissions Report**

- this report, published annually, collates measured emissions data from various sources to demonstrate the total gross greenhouse gas emissions from the Council's own estate, operations and functions.

#### **The Home Energy Conservation Act (HECA) report**

has evolved from a fuel poverty focus only to include promotion of carbon reduction, renewable energy, energy efficiency in residential accommodation, how the Local Authority engages stakeholders (domestic consumers, business consumers and the green local supply chain).

The Council provides annual updates to Kent County Council to feed into the **Kent Environment Strategy** yearly Impact Report and Implementation Plan Progress Report. These reports highlight both mitigation and adaptation action taken to support economic growth whilst protecting and enhancing the natural and historic environment, creating and sustaining communities that are vibrant, healthy and resilient.

Savings through action taken in the areas of Influence and Concern will be collated at a District level and detailed in relevant reporting frameworks if applicable. Nationally published (Local Authority CO2 emissions – Full dataset) should also reflect the savings resulting from mitigation and adaptation measures taken in the District.

The above reports are published on the Council's website and Climate Change webpages will be updated to reflect action and celebrate successes across the District to inform and inspire others to take action.



# Appendix 1

## Evidence for action

There is local, national and international evidence that supports the need to act to improve, enhance and protect the environment.

Dover District Council (DDC) is striving with its long term commitment to 'Help the community minimise its carbon footprint, adapt to the changing climate and continue to improve recycling rates' and with its declaration of a 'Climate Change Emergency' has also committed to become a Carbon Neutral District by 2050.

### The Economics of Climate Change: The Stern Review:

(October 2006) concluded that:

- there is still time to avoid the worst impacts of climate change, if we take strong action now;
- climate change could have very serious impacts on growth and development;
- the costs of stabilising the climate are significant but manageable; delay would be dangerous and much more costly;
- action on climate change is required across all countries, and it need not cap the aspirations for growth of rich or poor countries;

- a range of options exists to cut emissions; strong, deliberate policy action is required to motivate their take-up; and
- climate change demands an international response, based on a shared understanding of long-term goals and agreement on frameworks for action.

### Home Energy Conservation Act 1995

Statutory requirement for Local Authorities with a Housing responsibility to report on actions taken to reduce levels of fuel poverty through the improvement of energy efficiency of residential properties in the District. Annual reporting initially focussed on action taken by the Council to reduce levels of fuel poverty through improving the energy efficiency of properties, from 2013 reporting every other year, but requirements extended wider to encompass action taken by the Council to encourage renewable energy, promote sustainability.

### Climate Change Act 2008

This sets out legally binding greenhouse gas (GHG) emission reduction targets of at least 80% by 2050 against the 1990 baseline.

### Paris Agreement 2015

Requires countries to work together in limiting global temperature rise to below 2 degrees as recognised by the IPCC to limit the risks and impacts of climate change.

### 2030 Agenda for Sustainable Development (2015)

Sets out the 17 Sustainable Development Goals (SDGs) as it recognises the interconnection between economic development, social equity and inclusion. Governments are expected to translate the SDGs into national policy, plans and initiatives.

### 2016 Kent Fuel Poverty Strategy

The Council approved the Strategy, and committed to supporting the action plan, including the improving the thermal efficiency of properties occupied by residents living in fuel poverty, with consequential impact of reducing domestic emission and improving health of the District's residents.

### Clean Growth Strategy 2017

This Strategy underlines the role that local government has in delivering and supporting a low carbon society.

### 2018 Kent Environment Strategy Council

DDC committed to the Kent Environment Strategy to provide a basis for co-ordinated action across the County, approved in so far as it is consistent with this Council's Corporate priorities and to the extent that resources will allow.

### 2020 Emissions Reduction Pledge (2018)

Voluntary target and reporting framework to standardise reporting on emissions across Public Sector and wider. Annual requirement to provide information template

### UK Government 25-year Environment Plan 2018

Promotes the use and management of land in a sustainable manner, the enhancement and recovery of landscapes and the connection of people with the environment to promote health and wellbeing. It also promotes an increase in resource efficiency and a reduction in pollution and waste, securing a clean, productive and biologically diverse sea and ocean and protection and improvement of the global environment.

### Our Waste, Our Resources Strategy for England 2018

Sets out how the Government intends to preserve the stock of material resources by minimising waste, promoting resource efficiency and moving towards a circular economy and tackling waste crime. It is also their blueprint for eliminating avoidable plastic waste.

### Clean Air Strategy 2019

Outlines how the Government intends to tackle all forms of air pollution to ensure cleaner air to breathe and protecting nature whilst boosting the economy.

### State of Nature Report 2019

This Report pools the best available data on the UK's biodiversity, with a focus on the trends in species as the key evidence of how nature is faring. In addition to assessing the state of nature it also reviewed the pressures acting upon nature, and the conservation response being made to counter these pressures, in order to give a rounded view of the UK's nature in 2019.

### 2020 Climate Change Emergency – Dover District Council formerly declared (29 January 2020)

DDC to become a net zero carbon emitter by 2030. Cabinet also pledged to help support the wider community so that the district can become carbon neutral by 2050.

### Wildlife & Countryside Act 1981,

### Rights of Way Act 2000 (CRoW),

### Natural Environment & Rural

### Communities Act (NERC) 2006

### Kent County Council (Various)

### BEIS Public Attitudes Tracker (March 2020)

Published 7 May 2020 - covers public attitudes towards policies such as energy and climate change. 76% of the public said that they were either very concerned or fairly concerned about climate change. The proportion of people who had any awareness of 'Net Zero' was 35%. The level of support for renewable energy was 82% (solar 86%; off-shore wind 81%; wave and tidal 80%; on-shore wind 77% and biomass 68%)

YouGov opinion poll (28 May 2020) found clear support for putting the environment at the heart of the post-Covid19 recovery from across the UK.

### UK Public Opinion on Post-Covid 19 Economy and Environment

The UK public preferred a speech arguing for environmental prioritisation as part of post COVID-19 economic recovery measures, in comparison to a speech arguing that environmental prioritisation is now unaffordable because of COVID-19 related economic damage. Dr Kenward co-author of the study said: -

“That the population as a whole is positive [towards environment-friendly recovery policies] is further confirmation of earlier studies, but that this applies across demographics is new and unusual.”

“Normally concern about the environment is more prominent in the middle classes. It seems there may be something about Covid-19 that is making environmental concern more universal.”

“We can't yet be sure what that is, but possibly the experience of a new kind of national emergency makes other coming emergencies seem more real to more people.”

### KES Perception Survey 2018

Kent residents responded that the primary challenges concern housing development, losing green belt land, litter & dog mess, traffic & congestion. 88% of residents claim to give a lot or a fair amount of thought to energy saving in their home. 11% struggle to pay energy bills (corresponds with levels of fuel poverty in the County/ District)

Whilst the full data and findings of this report are not yet known it is likely to address issues such as flooding as detailed below.

Flooding from high tides have in the past had significant consequences in North Deal, with February 1953 and January 1978 being the most significant flood events. However, more recently defenses were overtopped in Gazen Salts Recreation Ground and the Quay Sandwich as a result of a tidal surge, which involved evacuation from their homes for some residents and damage to several flood defenses. The Climate Change Risk and Impact Assessment for Kent and Medway highlights that sea level rise is like to increase by 0.8m which will bring additional pressures to existing sea defenses.



# Links to DDC Strategies, policies, plans and related webpages

<https://www.dover.gov.uk/Corporate-Information/Corporate-Plan.aspx>

<https://www.dover.gov.uk/Planning/Planning-Policy-and-Regeneration/New-District-Local-Plan/Home.aspx>

<https://www.dover.gov.uk/Transport,-Streets--Parking/Parking/Documents--Policies/Home.aspx>

<https://www.dover.gov.uk/Environment/Environmental-Health/Air-Quality/Air-Quality-Monitoring.aspx>

<https://www.dover.gov.uk/Leisure-Culture-Tourism/Leisure-Facilities/PDF/Parks-and-Amenity-Open-Space-Strategy.pdf>

<https://www.dover.gov.uk/Environment/Coast--Rivers/Coast-Protection/Home.aspx>

<https://www.dover.gov.uk/Housing/Private-Sector-Housing/Private-Sector-Housing-Strategy.pdf>

<https://www.dover.gov.uk/Environment/Climate-Change/Home.aspx>

<https://www.dover.gov.uk/Environment/Energy-Advice/Energy-Advice.aspx>



## Appendix 2 Action Plan

Emissions within our Control					
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress
<b>Theme 1 Assets &amp; Estate</b>			Short/ Medium/ Long term		
Cut energy consumption in all our buildings	Active energy monitoring	<b>Climate Change &amp; Energy Conservation</b>	<b>S, M</b>	Accurate knowledge of energy consumption essential in order to understand how to best to reduce need.	<b>AMRs being installed across the whole estate to ensure realistic energy consumption figures.</b>
	Better reporting	<b>Sustainability Champions</b>	<b>S</b>	Accessibility to billing information	<b>Contract with Laser from August 2020. Officers have sight of online bills via Laser Portal. Will make annual GHG reporting easier</b>
	Establish Energy Champions	<b>CMT</b>	<b>S</b>		
	Switch it off/ energy saving behaviour staff campaigns	<b>Sustainability Champions supported by Climate Change</b>	<b>Ongoing</b>		

Improve energy efficiency	Look at how low carbon solutions can be integrated into all projects (LED lighting)	<b>Heads of Service</b>	<b>S, Ongoing</b>		<b>Dec 2020 Consultant engaged (with funding from Salix Low Carbon Skills Fund) to draw up decarbonisation plan for Public Sector Decarbonisation Fund for Whitfield Offices and Dover Museum and BAB</b>
	Decarbonise Heating provision	<b>Assets &amp; Building Control</b>	<b>M</b>		<b>Dec 2020 Consultant engaged (with funding from Salix Low Carbon Skills Fund) to draw up decarbonisation plan for Public Sector Decarbonisation Fund for Whitfield Offices and Dover Museum and BAB</b>
<b>Theme</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
<b>Theme 1 Assets &amp; Estate</b>					
	Equipment (IT)	<b>Digital team</b>	<b>S</b>		
	Replacement of ineffective/ inefficient plant	<b>Heads of Service</b>	<b>M</b>		
Green Energy	Procure green gas and electricity	<b>Climate Change</b>	<b>S,M</b>		<b>Aug 2020 – Estate electricity purchased through REGO (Green Energy) certificates. Gas contract to be reviewed August 2021</b>

	Install renewable energy technologies	<b>Assets &amp; Building Control</b>	<b>Ongoing</b>		
<b>Theme 2 Housing</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Stock condition	Refresh survey of Council Housing Stock	<b>Assets &amp; Building Control</b>	<b>S</b>		<b>Oct 2020 Application to Social Housing Technical Assistance fund for a plan to be drawn up highlighting how all Social Housing can be brought up to EPC band C</b>
Retrofit	Insulate/ upgrade Council Housing Stock to EPC band C by 2030	<b>Assets &amp; Building Control</b>	<b>M, L</b>		
Low Carbon	Look at low carbon solutions across Council Housing Stock	<b>Assets &amp; Building Control</b>	<b>S</b>		
	Ensure Council new build projects are low/ zero carbon	<b>Assets &amp; Building Control</b>	<b>S,M,L</b>		
<b>Theme 3 Governance</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Procedures	Insert Climate change 'green thread' across Council Strategies, Corporate Plan, MTFP,	<b>Democratic Services and</b>	<b>S, ongoing</b>	Guidance for Officers on Climate change and Environmental Implications.	<b>From January 2020 all cabinet reports include a Climate Change and Environmental Implications section for report writer to complete. Guidance for</b>

	Service Plans, Capital Strategy + Local Plan	<b>relevant Head of Service</b>		<b>Some projects will be limited due to type / location/ materials/budgetary factors</b>	<b>report writers drafted for consideration to be adopted.</b>
	Add Climate lens to all internal audits	<b>East Kent Audit Partnership</b>	<b>M, Ongoing</b>		
	Confirm support of Kent wide Strategies (Energy & Low Emissions Strategy, Kent Environment Strategy) and implement relevant actions at a local level	<b>Cabinet (adoption)</b> <b>Heads of Service (Implementation)</b>	<b>S</b>		<b>Cabinet report 11 January 2021 regarding support for ELES</b>
<b>Theme 3 Governance</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
	Increase resilience/ business continuity plans to prepare for the harmful consequences of our changing climate	<b>Heads of Service</b>	<b>S,M</b>	<b>Include drought / flood / coastal erosion / gales</b>	
Procurement	Develop a sustainable procurement policy giving consideration to the carbon impacts of	<b>Procurement Manager</b>	<b>S</b>		

	associated goods, works and services				
	Specify environmentally friendly materials in tender documents	<b>Heads of Service</b> <b>Project Managers</b>	<b>S</b>		
	Ensure the local authority supply chain is minimising carbon, ask the question how are you helping to meet district targets?	<b>Procurement Manager</b>	<b>S, M</b>		
	Strengthen green credential/ low carbon weighting in procurement scoring process <b>Make mandatory.</b>	<b>Procurement Manager</b>	<b>S, M</b>	Lowest carbon should trump cost; also applies to DDC catering > plant-based, locally produced food.	
Investment	Look at 'green' alternatives for Council Investment Strategy, i.e. renewable energy and energy storage. This represents a carbon reduction saving.	<b>CMT</b> <b>Property Investment Group</b> <b>Regeneration Team</b>	<b>S, M</b>		
	Ringfence funds for green initiatives	<b>Strategic Director (Resources)</b>	<b>S</b>		<b>Funding set aside in 2019 budget for 'green initiatives' - £.....</b>

Theme 4 Natural Environment	Action	Responsibility	Timescale	Deliverability issues	Progress
Plan	Develop/ update plans to encourage nature-based solutions and sustain /enhance biodiversity	<b>Head of Commercial Services</b>	<b>S, M, L + very long</b>	Outcome of KCC Natural Solutions to Climate Change to provide steer for future action giving due consideration to mitigation and adaptation and promote a multiple benefits approach – not just carbon sequestration and/ or flood and water management but also benefit of biodiversity and society.	<b>Green Infrastructure Strategy being developed</b>
	Tree/ hedge planting projects within our control to improve carbon sequestration/ air quality	<b>Head of Commercial Services</b>	<b>S,M,L</b>		

	Maintain existing tree stock, biodiversity, soil and carbon capture rich landscapes	<b>Head of Commercial Services</b>	<b>S,M,L</b>		
	Consider Climate Change Risk Impact Assessment (CCRIA) in adaptation plans for Council environmental projects	<b>Head of Commercial Services</b>		Publication of Kent & Medway CCRIA  <b>MET Office area based climate change projection of <a href="#">‘What will climate change look like near me?’</a></b>	
	Rainwater harvesting from Council buildings	<b>Assets &amp; Building Control</b>	<b>M</b>		
Identify	Council land for woodland/ green corridors	<b>Head of Commercial Services Head of Assets &amp; Building Control</b>	<b>S,M,L</b>		
	Develop re-wilding on Council land.	<b>Head of Commercial Services Head of Assets &amp; Building Control</b>	<b>S,M,L</b>		

Maintain	Sea defences with rock groynes to reduce longshore drift and allow for efficient beach recycling	<b>Environment Agency/ Assets &amp; Building Control</b>	<b>M,L - ongoing</b>		
	Prevent importation of pest, diseases and non-native species through the Port of Dover, and ensure eradication of non-native species on council owned or council managed land	<b>Head of Regulatory Services</b> <b>Head of Commercial Services</b>	<b>M,L</b>		
<b>Theme 5 Waste</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Reduce	Phase out single use plastics in Council Offices/ buildings/ functions (such as election counts)/ events	<b>Procurement Manager</b> <b>Heads of Service</b>	<b>S</b>		
	In-house campaign to reduce food waste at work	<b>Sustainability Champions</b>	<b>S</b>		

	Paper usage with electronic alternatives	<b>Digital Team Sustainability Champions</b>	<b>S</b>	Recycling of printed paper	<b>Home working through COVID 19 pandemic has significantly reduced office copying/ printing.33% reduction in printing from photocopiers Mar – May 2020 compared to Mar-May 2019.</b>
<b>Theme 6 Air Quality</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Monitor	Monitor and review across the District – determine whether National AQ objectives met	<b>Regulatory Services</b>	<b>S</b>		
	Define areas of poor air quality for action	<b>Regulatory Services</b>	<b>M/L</b>		
Implement	Pro-active measures that DDC can take to reduce negative impact on air quality	<b>Regulatory Services</b>	<b>M/L</b>	More AQMZ s	
<b>Theme 7 Local Development Plan</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Local Plan	Introduce Climate Change chapter into new Local Plan	<b>Head of Planning</b>	<b>S</b>	Subject to consultation and independent examination	<b>Agreed at Cabinet 07.12.20 for consultation in January 2021</b>

	Identify areas suitable for renewable energy, biodiversity + tree enhancement + rewilding, new walking / cycling routes +infrastructure in the Local Plan		<b>S-M</b>	Outcome of Local Plan consultation may well bring sites forward for renewable energy.	<b>Preferred option is not to identify specific sites for renewable energy however, to have a supportive policy in place to consider proposal when sites are identified (DM Policy 3).</b>  <b>Green Infrastructure Strategy being developed</b>
	Green thread' of climate action throughout Local Plan	<b>Head of Planning</b>	<b>S</b>		<b>Draft Local Plan Climate Change chapter includes: -</b> <ul style="list-style-type: none"> <li>• Strategic Policy 1 – planning for climate change</li> <li>• DM Policy 1 – Reducing Carbon Emissions</li> <li>• DM Policy 2 – Sustainable Design and Construction</li> <li>• DM Policy 3 – Renewable and Low Carbon Energy</li> <li>• DM Policy 4 – Sustainable Travel (inc. EV charging infrastructure)</li> <li>• DM Policy 5 – Water Efficiency</li> <li>• DM Policy 6 – Flood Risk</li> <li>• DM Policy 7 – Surface Water Management</li> <li>• DM Policy 8 – Coastal Change Management Areas</li> </ul>

					<p><b>Cross referencing to other policies assists with the 'green thread'</b></p> <ul style="list-style-type: none"> <li>• Strategic Policy 2 – Housing growth – locating development in accessible locations</li> <li>• Strategic Policy 17 – Green Infrastructure and Biodiversity</li> <li>• DM Policy 21 – Homeworking</li> <li>• DM Policy 29 – Highways network and Highway safety (travel plan requirements)</li> <li>• DM Policy 30 – Parking</li> <li>• DM Policy 31 – Providing Open Space</li> <li>• DM Policy 33 – Protection of Open Space</li> <li>• DM Policy 35 – Digital Technology</li> <li>• DM Policy 37 – Quality Residential Accommodation (space for homeworking)</li> <li>• DM Policy 38 – Biodiversity Net Gain</li> <li>• DM Policy 41 – Air Quality</li> <li>• DM Policy 42 – Water Supply and Quality</li> </ul>
<b>Theme 8 Transport</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Staff travel	Mobile working – less travel to the office	<b>CMT</b>	<b>S,M</b>	Build on COVID 19 working practices	<b>COVID 19 has significantly reduced daily commuting miles - annual</b> reduction of 549

					tonnes of CO2e calculated on average staff commute to and from Whitfield offices
Staff travel	Use alternative meeting options (telephone/ digital meetings)	<b>Digital Team</b>	<b>S</b>	<b>Build on COVID shift to digital meetings and reducing need to travel for business meetings.</b>	Mar, Apr, May 2020 business travel – car shows – reduction of 12.48 tonnes CO2e compared to same 3 months in 2019
Fleet	Change to hybrid/ electric vehicles where feasible – Ask contractors to show policy of shift to EV by 2025	<b>CMT</b> <b>Heads of Service</b>	<b>M</b>		<b>EV pool car managed by Community Team</b>
EV charging	Provide EV charging points in Council car parks cycle + car	<b>Assets &amp; Building Control</b> <b>Parking Services</b> <b>Climate Change</b>	<b>S</b>	Success of OLEV fund/ match funding from DDC funds Participation in Kent EV Charger Network KCC grant to Town/ Parish Councils to install EV charging points	<b>DDC application for OLEV funding for EV charging points</b>  <b>Kent EV in car parks scheme.</b>  <b>Local Plan - requirement for EV infrastructure to be included in all new developments.</b>
	Consider provision of EV charging points cycle + car in Council build projects	<b>Head of Assets &amp; Building Control</b>	<b>S</b>		<b>EV Charging Points installed at Snelgrove/ William Muge development</b>

Emissions Within our Influence					
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress
<b>Theme 1</b> <b>Assets &amp; Estate</b>					
Audit	Undertake asset audit to evaluate efficiency of each building type, to ascertain possible improvements, cost/ carbon implications and budget	<b>Head of Assets &amp; Building Control</b>		Poor data information from East Kent Housing could delay implementation of improvements in Council Housing Stock	Application of Social Housing Technical Assistance for plan to bring Social Housing stock up to Band C by 2030
Demonstrate	The benefits of the natural environment through schemes/ projects on Council land	<b>Head of Assets &amp; Building Control</b>			
<b>Theme 2</b> <b>Housing</b>	Action	<b>Responsibility</b>	Timescale	<b>Deliverability issues</b>	Progress

Encourage	Retrofit in owner occupied housing to EPC 'C'	<b>Private Sector Housing</b> <b>Climate Change</b>		BRE Housing Stock Data available for use until March 2021 to inform targeting	Signposting and provision of advice to residents on Green Home Grant  Joint application with other Kent LAs to Local Authority Delivery Scheme 1A – measures External Wall Insulation and Air Source Heat Pumps.
	Work with Landlord's to see the potential benefit of higher standard lets	<b>Private Sector Housing</b> <b>Climate Change</b>			
	Energy efficiency improvements to fuel poor/ vulnerable households through grants and loans	<b>Private Sector Housing</b> <b>Climate Change</b>		Dependent on availability of grant funding. Use of PSH Grants/ Loans to top up funding to enable 100% free install	Referring residents into Energy Company Obligation Scheme – ongoing.  Signposting and provision of advice to residents on Green Home Grant  Delivering Warm Home fund across the District.  Joint application with other Kent LAs to Local Authority

					Delivery Scheme 1A – measures External Wall Insulation and Air Source Heat Pumps.
	Uptake of renewable energy technologies through promotion of successful pilot projects undertaken at a local level	<b>Climate Change</b>			4 Properties in the district received fully funded solar pv and battery storage (European Triple A funded project led by KCC)
Enforce	Take action to enforce minimum energy efficiency standards in private rental sector	<b>Private Sector Housing</b>			
<b>Theme 3 Governance</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Business Continuity	Flexibility in approach to delivering services, and adapting services	<b>Heads of Service</b>			
Use	Influence to review low carbon solutions across Council operations	<b>CMT</b> <b>Head of Assets &amp; Building Control</b> <b>East Kent Audit Partnership</b>			
	Influence to encourage supply chain to minimize impact on the environment	<b>Procurement Manager</b>			<a href="#">Signposting to LOCASE</a>

		<b>Regeneration Team</b> <b>Project Managers</b>			
	Influence to help SME business to access funds and expertise to help reduce their carbon footprint	<b>Regeneration Team</b> <b>Business Hub</b> <b>Climate Change</b>			Green Business Grants supported ... Business to upgrade energy efficiency/ low carbon technologies
<i>Theme 4</i> <i>Natural Environment</i>	Action	<b>Responsibility</b>	Timescale	<b>Deliverability issues</b>	Progress
Awareness	Increase volunteer/ outreach work to promote the value of the natural environment	<b>White Cliffs Countryside Project</b>	<b>S-M</b>		
	Liaise with community groups/ schools to increase awareness of what we can all do to help benefit the environment	<b>White Cliffs Countryside Project</b> <b>Community Engagement Team</b>	<b>Ongoing</b>		
<i>Theme 5</i> <i>Waste</i>	Action	<b>Responsibility</b>	Timescale	<b>Deliverability issues</b>	Progress

Inform	Increase education and promotional campaigns on how to reduce waste, reuse and recycle	<b>Waste Services</b>			
Collaboration	Work with KCC on disposal strategy at waste disposal sites to encourage waste re-purposing, and use of biodegradable waste to generate biogas	<b>Head of Commercial Services</b>			
	On encouragement/ enforcement on appropriate disposal of used products	<b>Waste Services</b>			
	Strengthen intelligence of and penalties for waste crime	<b>Regulatory Services</b>			
<b>Theme 6 Air Quality</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Develop	AQ Plan and set out measures that could improve air quality in the district	<b>Regulatory Services</b>			
	Define areas of poor air quality for action	<b>Regulatory Services</b>			
Collaboration	Work with Kent Highways to implement measures to improve air quality (i.e. Anti-idling, Planting of hedges/ trees to absorb emissions and improve air quality)	<b>CCWG</b>			

<b>Theme 7 Local Development Plan</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Encourage	Sustainable pattern of development supported by a low carbon transport infrastructure	<b>Head of Planning</b>  <b>Joint Transport Board</b>	<b>M, L</b>		
	Encourage renewable sources of energy supply	<b>Regeneration Team</b>  <b>Climate Change</b>	<b>M,L</b>		<b>DDC partner in Kent Solar Together Scheme Aug 2020 – 537 registered. 58 accepted solar pv and 31 added battery storage. 47 registered for standalone battery storage – 7 households accepted offer.</b>
	A reduction in car use through managing developments in the Local Plan	<b>Head of Planning</b>	<b>M,L</b>		<b>Requirements for developers to have a modal shift to public transport – applicants will need to demonstrate</b>

					<b>how they will achieve this</b>
Request	Higher standards of sustainable design in buildings in the District	<b>Head of Planning</b>	<b>M,L</b>		
	Enforcement through Building Regs	<b>Head of Assets &amp; Building Control</b>	<b>Ongoing</b>		<b>Proposed revision to Part L of Building Regs</b>
	Refresh of Kent Design Guide in partnership with Kent Councils	<b>Head of Planning</b>	<b>S- M</b>		<b>Started to review</b>
<b>Theme 8 Transport</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Promote	Sustainable travel planning	<b>Visitor Economy and Strategic Tourism Manager</b>	<b>M, L</b>		
	Focus Visit Dover campaigns on 'green' tourism in the district	<b>Visitor Economy and Strategic</b>	<b>M, L</b>		

		<b>Tourism Manager</b>			
	Actions within Kent Energy & Low Emissions Strategy	<b>Head of Commercial Services</b>  <b>Head of Planning</b>  <b>Joint Transportation Board</b>	<b>M, L</b>		
	Uptake of electric vehicles through changes to licensing of taxis	<b>Head of Regulatory Services</b>	<b>M, L</b>		

Emissions of Concern					
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress
<b>Theme 1 Assets &amp; Estate</b>					
Event/ Policy	Implications of international/ national/ local events that have a consequence of limiting current carbon reduction ambition	<b>ESAG (Event Safety Advisory Group)</b> <b>CMT</b> <b>CCWG</b>	<b>M, L</b>		
	Impact on economic prosperity of the district that will inhibit ability to take future action	<b>CMT</b> <b>CCWG</b>	<b>M, L</b>		
	Changes to National Policy reduces level of current Climate Change ambition/ action	<b>CMT</b> <b>CCWG</b>	<b>M, L</b>	<b>Try to influence National Policy through responses to relevant consultations</b>	

	Capacity of existing/ lack of investment in national infrastructure to support different types of energy supply, i.e. decarbonisation of heat	<b>CMT</b> <b>CCWG</b>	<b>M, L</b>	<b>Try to influence National Policy through responses to relevant consultations</b>	
<b>Theme 2 Housing</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Funding	Continue to seek and lobby for funding to enable fuel poor households to achieve affordable warmth	<b>Climate Change</b>	<b>M, L</b>		
Advice	Provision of knowledgeable advice on energy, thermal efficiency, new technologies through different communication channels	<b>Climate Change</b>	<b>M, L</b>		
	Provide information on changes in behaviour that will reduce our	<b>Climate Change</b> <b>White Cliffs Countryside Project</b>	<b>M, L</b>		

	impact on the environment	<b>Housing Officers</b> <b>Community Engagement Team</b>			
<b>Theme 3 Governance</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
New ways to work	Use lessons learnt from 'lockdown' to move away from business as usual approach to working life	<b>Agile working group</b>	<b>M, L</b>		
	Use of community and business grants for 'green' initiatives	<b>Regeneration Team</b>	<b>M, L</b>		
<b>Theme 4 Natural Environment</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Action	Be pro-active rather than wait till after the event to react, i.e. work with partners to increase cyclical drain clearance to prevent surface water flooding	<b>Emergency Planning in conjunction with Kent Resilience Forum</b>	<b>M, L</b>		
	Encourage landowners upstream to develop	<b>Emergency Planning</b>	<b>M, L</b>		

	flood prevention measures through natural sources, rather than installation of barriers downstream	<b>in conjunction with Kent Resilience Forum</b> <b>White Cliffs Countryside Project</b>			
	Encourage better land management to protect what we've got	<b>White Cliffs Countryside Project</b>	<b>M, L</b>		
	Highlight the impact food choices/ production, travel etc has on marine life, soil and the air we breathe	<b>Climate Change</b>	<b>M, L</b>		
<b>Theme 5 Waste</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Review	Zero Waste Strategy, update and implement	<b>Head of Commercial Services</b>	<b>M, L</b>		
Stimulate	Action to reduce waste through working with Parish Councils, Community Groups etc	<b>Community Engagement Team</b>	<b>M, L</b>		
	Market for resource efficient products	<b>CCWG</b>	<b>M, L</b>		

	through leadership and greener procurement choices	<b>Procurement Manager</b>			
	Understanding of food waste hierarchy, i.e. prevent, reuse, recycle	<b>Waste Team Community Engagement Team</b>	<b>M, L</b>		
	Recycling rates in the district where barriers exist currently that prevent recycling, ie. by working with residents in flats	<b>Waste Team</b>	<b>M, L</b>		
<b>Theme 6 Air Quality</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Partnership	Work with colleagues across the county/ community groups to extend the reach of local authority to achieve 'cleaner air' targets	<b>Head of Regulatory Services</b>	<b>M, L</b>		
	Smart connectivity and mobility modal shift plan, linking to	<b>Regeneration Team</b>	<b>M, L</b>		

	sustainable transport, transport innovations, active travel, virtual working and digital behaviour change				
<b>Theme 7 Local Development Plan</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Lobby	Government to require all new homes to be carbon neutral as soon as possible	<b>Head of Planning</b> <b>Head of Assets &amp; Building Control</b>	<b>M, L</b>	<b>Dependent on Government policy and timescales</b>	<b>If Government introduce as National requirement will remove from the Local Plan as superseded.</b>
	For urgent update of National Planning Policy to minimize carbon emissions	<b>CCWG</b>	<b>M, L</b>		
	For reversal of urban sprawl, bring back to sustainable local living	<b>CCWG</b>	<b>M, L</b>	<b>Will be dependent on Government's levels of house buildings in the district.</b>	<b>Local Plan – Distribution of development strategy</b>

				<b>Constraints of viability and deliverability will restrict DDC's ability to contain urban sprawl</b>	
<b>Theme 8 Transport</b>	<b>Action</b>	<b>Responsibility</b>	<b>Timescale</b>	<b>Deliverability issues</b>	<b>Progress</b>
Collaboration	Through Quality Bus Partnership to work together towards the improvement of bus travel in Dover District	<b>Joint Transportation Board</b>	<b>M, L</b>		
	Work with KCC to improve the facilities for cycling and walking within Dover District and update Dover District Cycling Plan	<b>Joint Transportation Board</b> <b>Visitor Economy and Strategic Tourism Manager</b>	<b>M, L</b>		
	On continuance of Bus Rapid Transit process	<b>Strategic Project Lead Officer (Infrastructure)</b>	<b>M, L</b>		