## **Appendix 2 Action Plan**

	Emissions within our Control					
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress	
Theme 1 Assets & Estate			Short/ Medium/ Long term			
Cut energy consumption in all our buildings	Active energy monitoring	Climate Change & Energy Conservation	S, M	Accurate knowledge of energy consumption essential in order to understand how to best to reduce need.	AMRs being installed across the whole estate to ensure realistic energy consumption figures (I83% of meters are now smart meters). This enables accurate reporting of consumption/emissions data.	
	Better reporting	Sustainability Champions	S	Accessibility to billing information	Online reporting of meter reading enables easier collation of data for Greenhouse Gas Emission report.  Annual Emissions now reported in the Council's Performance Report (CC001) as well as being published on the	

				website and report submitted to Government.
	Establish Energy Champions	CMT	S	Climate change e-learning to be instigated when new e-learning packages procured. Climate Change e-learning to become mandatory
	Switch it off/ energy saving behaviour staff campaigns	Sustainability Champions supported by Climate Change	Ongoing	Electricity consumption data at the Council Offices Whitfield has been lower in the last 3 years (Autumn) compared to Autumn 2019 (pre COVID). A reduction of:-  29,761.60 kwhs 2020  14,958.80 kWhs 2021  21,688.20 kWhs 2022  Increase in staff working remotely may account for some of these reductions.  Motion sensor lights installed in corridors and toilets at the Council Offices Whitfield.
Improve energy efficiency	Look at how low carbon solutions can	Heads of Service	S, Ongoing	2815 streetlights have been replaced with energy saving LED's within the district (projected 70-80% energy saving).

be integrated into all	Motion Sensor lights installed in corridors
projects (LED lighting)	and toilets of Council Offices, Whitfield
	Internal lighting upgraded to LED in sports pavilions, public conveniences, Grand Shaft, Deal Pier Office, and Dolphin House Communal Stairwell.
	Advertising screens on Council owned bus
	shelters powered down 20% of the day
	(between 12am and 5am) to save energy.
	Dover Town Hall refurbishment – electric
	ovens and hobs are being installed in the
	new kitchens reducing carbon emissions
	from catering equipment. Lighting is being
	upgraded to LED fittings and lamps
	throughout. The main venue is to have
	automatic lighting control system
	operation on presence/ absence detection
	which will realise additional energy and
	carbon savings.
	Dover Leisure Centre – since April 2022
	energy consumption reduced by 21%.
	Sensor controlled lighting
	throughout the centre.
	Car park lighting switched off at night
	at night.  ● Pools covered at night to

reduce heat loss.

Decarbonise Heating	Assets & Building	M	PSDS scheme could	<ul> <li>Aircon regulated to meet demands.</li> <li>Unfortunately, solar panels on centre currently not operational to comply with insurance company recommendations, however remedial works due to complete by end of April 2023.</li> <li>Tides Leisure Centre – since April 2022 energy consumption reduced by 9.1%.</li> <li>Pool temperature reduced by 1 degree.</li> <li>Isolated lighting in sports hall &amp; tennis centre to switch off court lights when not in use.</li> <li>Aircon regulated to meet demands.</li> <li>Defective/ failing lighting replaced with LED equivalent where feasible.</li> <li>Investment in plant and remedial works on rectifying leaks in pool filtration pipework have been/ are being undertaken.</li> </ul>
provision	Control		not be delivered in funding deadlines due	Museum) – proposals being developed for the replacement of the existing
			to delays in equipment	climate controls system. Current

				delivery and requirement for additional electrical capacity needs and requirement for new substation.	scheme under consideration is to replace the current system which is reliant on gas boilers with a heat recovery air handling until which will utilise a thermal wheel. Proposals also include upgraded Building Management System (BMS) which would increase efficient operation of the new system.
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress
Theme 1 Assets & Estate					
	Equipment (IT)	Digital team	S		Technology upgrades in the Council Chamber and throughout the Whitfield Offices are now enabling modern 'style' hybrid meetings and flexible working and reducing the need for commuting and business travel.
	Replacement of ineffective/ inefficient plant	Heads of Service	М		Gas being removed from the kitchens at Maison Dieu, Dover – being replaced with electric cookers. All

					lighting in the building changing to LED.  Study underway to look at viable options for replacing plant at the Dover Museum.  Inefficient plant will be replaced at end of life with new cleaner technologies.
Green Energy	Procure green gas and electricity	Climate Change	S,M	'Green gas' is not widely available and continues to be expensive. The Government's recently published Energy Security Strategy will influence innovation in this field and energy production in the future	Aug 2020 – Estate electricity purchased through REGO (Green Energy) certificates. Gas contract reviewed August 2021, however still no viable 'green' market alternative.
	Install renewable energy technologies	Assets & Building Control	Ongoing		65 x 37w (24kW) solar panels installed on 'new' Museum Store at Whitfield

					Since install (2019) the solar array on the Leisure Centre has generated 119.8MWh, saving 30,620.79kg CO2.  Places Leisure investigating the feasibility of installing additional solar panels on Dover District Leisure Centre.
Theme 2 Housing	Action	Responsibility	Timescale	Deliverability issues	Progress
Stock condition	Refresh survey of Council Housing Stock	Assets & Building Control	S		The HRA Business and Asset Management plan is to be updated to include provisions to upgrade wall and roof insulation, install solar pv where feasible and to install low carbon heating in the Council's Housing Stock  EPC assessments are being carried out on all properties that either do not have a current EPC or expired EPC as part of the programme to ensure that all properties reach EPC C by 2035. As at the end of January 2022 Council Housing Stock EPC report shows: -  • 80 – EPC B

				• 2234 – EPC C
				• 1921 – EPC D
				• 71 – EPC E
				• 9 – EPC F
				• 1– EPC G
				3325 – properties have actual EPCs
				991 – have cloned EPCs – based on similar
				property
				12 – no EPC
				35 – expired EPCs
Retrofit	Insulate/ upgrade	Assets & Building	M, L	Fabric first approach will be taken into
Retront	Council Housing Stock	_	IVI, L	
	_	Control		account in all planned maintenance
	to EPC band C by 2030			works.
Low Carbon	Look at low carbon	Assets & Building	S	Fabric first approach to reduce the
	solutions across	Control		need for energy (in accordance with
	Council Housing Stock			energy hierarchy) and maximise the
				benefit of low carbon solutions such as
				Heat Pumps.
	Ensure Council new	Assets & Building	S,M,L	Developments at <u>Kimberley Close and</u>
	build projects are low/	Control		Stockdale Garden to include solar pv
	zero carbon			arrays and improved insulation levels.
				arrays and improved insulation levels.
				Cutting edge solar panel systems
				installed on the roof of
				accommodation built by the Council to
				accommodation built by the council to

					provide interim housing for local people facing homelessness  Royal Institution of Chartered Surveyors (RICS) awarded Bomford Place South East regional residential project winner. The affordable housing project is designed and built to a high standard using high performing materials. Most of the properties have double-aspect windows to make the most of natural light, along with high levels of insulation and natural ventilation to minimise the energy needed for heating and lighting.  Residents also have access to some electric vehicle charging points and secure cycle racks.
Theme 3 Governance	Action	Responsibility	Timescale	Deliverability issues	Progress
Procedures	Insert Climate change 'green thread' across Council Strategies, Corporate Plan, MTFP, Service Plans, Capital Strategy + Local Plan	Democratic Services and relevant Head of Service	S, ongoing	Guidance for Officers on Climate change and Environmental Implications.	From January 2020 all cabinet reports include a Climate Change and Environmental implications section in Cabinet reports now a requirement.

Some projects will	Climate Change and sustainability
be limited due to	issues are considered throughout the
type / location/	new <u>Local Plan</u> .
materials/budgetary	A Deven Creen 9 Blue Infrastructure
factors.	A <u>Dover Green &amp; Blue Infrastructure</u>
	Strategy: Evidence report was
	commissioned. To take this report
	forward a Green Infrastructure
	Strategy is being prepared to support
	the policies and objectives of the new
	Dover District Local Plan and the
	Climate Change Action Plan.
	E-learning Climate change to be rolled
	out when new e-learning package is
	procured by DDC HR. Mandatory
	participation in Climate Change e-
	learning will help embed Climate
	Change action, and ensure Officers
	take their share of responsibility for
	implementing environmentally friendly
	policies, strategies, and action in their
	sections.
	5553.51.51
	The Corporate Plan 2020-2024
	ambition is to 'maintain our District's
	long-held place as the "Gateway to

England" and protect our iconic natural environment and the rich heritage for which we are world renowned, with a renewed vigour on addressing climate change and sustainability.' Priority Theme Three sets out the Corporate objectives: -  Become a net zero carbon emitter by 2030. Focus on raising awareness, reducing emissions from our own activities and developing plans to reduce emissions across the District. Protect and enhance our assets and promote our rich heritage. Protect and enhance our environment for future generations. Reduce the waste we produce as a community through continued encouragement and investment in recycling. Ensure our parks and open spaces are vibrant, clean, easy to access and well-used and that our maintenance regime responds to the challenges posed by climate change, and the need to		
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encourage biodiversity.		Become a net zero carbon emitter by 2030.  Focus on raising awareness, reducing emissions from our own activities and developing plans to reduce emissions across the District.  Protect and enhance our assets and promote our rich heritage.  Protect and enhance our environment for future generations.  Reduce the waste we produce as a community through continued encouragement and investment in recycling.  Ensure our parks and open spaces are vibrant, clean, easy to access and well-used and that our maintenance regime responds to the challenges posed by climate

			<ul> <li>Protect public health and enhance the quality of the environment through a range of services including environmental health, port health, licensing and planning enforcement.</li> <li>The 'green thread' will also be taken forward through the development of the</li> </ul>
			new Corporate Plan in 2023 and encourage Heads of Service to address the issue within their Service Plans.
Add Climate lens to all internal audits	East Kent Audit Partnership	M, Ongoing	Action for Head and Deputy Head of Audit – followed up on 02.12.22.
Confirm support of Kent wide Strategies (Energy & Low Emissions Strategy, Kent Environment Strategy) and implement relevant actions at a local level	Cabinet (adoption)  Heads of Service (Implementation)	S	Report to Cabinet on 11 January 2021 Cabinet seeking commitment to support the Kent & Medway Energy and Low Emissions Strategy. Cabinet agreed: -  • That the development of the Kent and Medway Energy and Low Emissions Strategy be welcomed

					collaboration between councils across Kent.  • That a commitment to meeting the objectives set out in the Kent and Medway Energy and Low Emissions Strategy and the underlying Implementation Plan in so far as it is consistent with this Council's corporate priorities, and to the extent that resources will allow, be approved.  DDC will continue to engage with KCC and all Kent Councils on County Wide collaborative action.
Theme 3 Governance	Action	Responsibility	Timescale	Deliverability issues	Progress
	Increase resilience/ business continuity plans to prepare for the harmful consequences of our changing climate	Heads of Service	S,M		The Kent and Medway Climate Change Risk and Impact Assessment describes the potential risks to society, economy and environment and is intended to inform policy and decision makers of the key climate risks.  Dover District Council Policy Statement on Flood and Coastal Defence sets out

					the Council's approach to flood and coastal defence.  The Council website provides advice for business and residents on how to prepare for flooding, how to report flooding and flood warnings, and links to help in the eventuality of a crisis.
Procurement	Develop a sustainable procurement policy giving consideration to the carbon impacts of associated goods, works and services	Procurement Manager	S	Balance between commitment to achieve net-zero whilst, the Council being seen as a council easy to do business with, and economic factors.	Kent Procurement Subgroup drafting  Kent Wide Market Position Statement for endorsement by Local Authorities.  Draft provided May 2022 for  Management consideration.
	Specify environmentally friendly materials in tender documents	Heads of Service Project Managers	S	Balance between commitment to achieve net-zero whilst, the Council being seen as a council easy to do	Consideration given to reducing emissions and recycling/ reuse of materials where possible, for example demolition contractors required to set aside any undamaged materials such as bricks and slates for re-use and recycle the

	Ensure the local authority supply chain is minimising carbon, ask the question how are you helping to meet district targets?	Procurement Manager	S, M	business with, and economic factors.	vast majority of the remaining material for-use as hardcore.
	Strengthen green credential/ low carbon weighting in procurement scoring process	Procurement Manager	S, M	Balance between commitment to achieve net-zero whilst, the Council being seen as a council easy to do business with, and economic factors.	
Investment	Look at 'green' alternatives for Council Investment Strategy, i.e. renewable energy and energy storage. This represents a carbon reduction saving.	CMT Property Investment Group Regeneration Team	S, M		We continue to consider any opportunities that may arise including renewable energy and energy storage although government restrictions on the use of PWLB funds have placed some limits on the extent of such investment options.

Theme 4  Natural Environment	Ringfence funds for green initiatives  Action	Strategic Director (Resources)  Responsibility	Timescale	Jan 2023 - Given the current budget pressures this is not a realistic option at this time.  Deliverability issues	Progress
Plan	Develop/ update plans to encourage nature-based solutions and sustain /enhance biodiversity	Head of Commercial Services	S, M, L + very long	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.	Green Infrastructure Strategy being developed to take forward the Dover Green & Blue Infrastructure Strategy:  Evidence report.  New Local Plan being drafted to reflect CC and environmental National Legislation and Policies with the aim to ensure all development mitigates against and is built to adapt to the Changing Climate and to protect the environment balanced against housing need/viability considerations.  The Council's website provides advice on crop burning and crop spraying to highlight the adverse environmental

				aı	npacts if regulations are not followed nd the Council's enforcement owers.
p cc cc	Tree/ hedge planting projects within our control to improve carbon sequestration/air quality	Head of Commercial Services	S,M,L	Collador por Colla	s part of National Tree Week, the ouncil planted over 100 new trees cross the district. The trees were rovided through Eco Green ommunities offsetting carbon from ne manufacture of 25 eco dog waste ins installed in the district.  4 trees gifted to the district by the oyal & Ancient following the 149 <sup>th</sup> open (planted in Sandwich, BeChange ommunity garden in Aylesham and earsney Parks, Dover).  3 new fruit trees planted in Russell ardens.  o commemorate the Queens Jubilee 70 years as Monarch) the Council has ommitted to plant 70 new trees in uitable sites across the district (focus

				on more heavily populated areas) - November 2022.  Mixed native hedge and a beech hedge planted in Kearsney Abbey as part of the ongoing legacy of the National Lottery Heritage Fund Project
Maintain existing tree stock, biodiversity, soil and carbon capture rich landscapes	Head of Commercial Services	S,M,L		Trees and hedges within the district are protected by tree preservation orders and hedgerow removal may require submission of Hedgerow Removal Notice. Information about maintaining trees and hedgerows can be found on the Council's website.
Consider Climate Change Risk Impact Assessment (CCRIA) in adaptation plans for Council environmental projects	Head of Commercial Services		Publication of Kent & Medway CCRIA	The potential Climate Change impacts in the Dover District are in the Dover Green & Blue Infrastructure Strategy:  Evidence report (referencing the Kent & Medway Climate Change Risk Impact Assessment).
Rainwater harvesting from Council buildings	Assets & Building Control	M		No Council buildings currently harvest rainwater, and no projects underway/planned that include

				rainwater harvesting from Council buildings.
Identify	Council land for woodland/ green corridors	Head of Commercial Services Head of Assets & Building Control	S,M,L	Kearsney Abbey and Russell Gardens was awarded the Green Flag Award in 2021, key elements being enhancing wildlife habitats, such as opening up culverts to improve fish migration and spawning in Kearsney Abbey, replanting the orchard in Russell Gardens and providing facilities for people to learn about parkland heritage and biodiversity. In 2022 Kearsney Abbey and Russell Gardens maintained its Green Flag status (international quality mark for parks and green spaces).  The White Cliffs Countryside  Partnership was created to help conserve, enhance, and celebrate the special coast and countryside of Dover and Folkestone & Hythe districts. It works to enhance land management for biodiversity and aims to increase resilience of local habitats and ecosystems. The sites that are

			managed include rare wildlife, walking routes, cycling trials and stretch all the way from Sandwich to Romney Marsh and Dungeness. You can take part in education activities for children (the Green Gang) or join a conservation task to help care for these special local places.
Develop re-wilding on Council land.	Head of Commercial Services Head of Assets & Building Control	S,M,L	Samphire Hoe was created out of the Channel Tunnel spoil. The site was sown with a mix of 31 different species of wildflowers. Since opening to the public on 17 July 1997 the nature reserve now harbours 220 species of birds, 200 species of plants and 30 species of butterflies. The design of the education shelter incorporated eco-design and offers education and exhibition areas. In October 2021 the nature reserve was awarded its 16 <sup>th</sup> Green Flag Award in recognition of the high environmental quality and contribution to local communities.

				Rangers from Samphire Hoe and the River Dour were featured in the Kate Humble's Coastal Walks TV Programme in April 2022 explaining the conservation work they undertake in the creation and maintenance of the nature reserve and the significant pure chalk stream. The pure chalk stream provides a rare habitat for flora and fauna, there being only two in Kent, and only 200 worldwide.  DDC trialled no mow May at sites across the district in 2022.
Maintain	Sea defences with rock groynes to reduce longshore drift and allow for efficient beach recycling	Environment Agency/ Assets & Building Control	M,L - ongoing	Key works costing at least £125,000 to help boost sea defences and continue to protect the area for the future were completed in the Summer of 2022 at St Margaret's Bay.
	Prevent importation of pest, diseases and non-native species through the Port of Dover, and ensure	Head of Regulatory Services	M,L	The Dover Port Health Authority provide enforcement, advice, support, training and consultation on food safety and infectious disease control issues both to the commercial and voluntary sector.

	eradication of non- native species on council owned or council managed land	Head of Commercial Services			The Dover Port Health Authority is also responsible for the control of infectious disease affecting passengers and crew on vessels that arrive in Dover (Maritime (dover.gov.uk).  Information and advice about pests available at (Pest Control (dover.gov.uk).
Reduce	Phase out single use plastics in Council Offices/ buildings/ functions (such as election counts)/ events	Procurement Manager Heads of Service	S	Deliverability issues	Food, paper, and plastic recycling bins situated throughout the Council Offices, Whitfield.  Elections are paper based events as no viable electronic options (some polling stations in mobile 'dead zones'.  However, all paperwork and stationery that is in a suitable condition is reused (posters, signs, polling station paperwork, pens, pencils rulers etc).  All non-statutory paperwork at polling stations has been removed. All non-confidential paper waste is recycled.  Confidential paper including ballot

				papers are kept for 12 months and then destroyed in accordance with law. Equipment is only replaced when it is broken. The only 'single use' equipment are the finger thimbles used at the count.  Queen's baton relay - Paper flags used for instead of plastic.
In-house campaign to reduce food waste at work	Sustainability Champions	S		Reduction in numbers of Officers working full time at the Whitfield Offices has resulted in less food waste from the main offices. Food waste collection bins are placed in all the kitchen areas. Information on what food put into the bins is clearly displayed in all kitchen areas.
Paper usage with electronic alternatives	Digital Team Sustainability Champions	S	Recycling of printed paper	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.

					The introduction of Teams has enabled document sharing and editing, reducing the need to print documents for meetings.  Digital reviews and updates of legacy system to the cloud – enables business processes to be looked at to reduce manual paper-based processes.  Approx half the amount of paper is used in the building since COVID19. Recycled paper is used whenever possible. The print section paper orders through EBB include offsetting through Carbon Footprint. Since March 2022 0.720tCO <sub>2</sub> e has been offset.  The Council mainly uses digital forms of communication rather than paper and banners to promote events.
Theme 6 Air Quality	Action	Responsibility	Timescale	Deliverability issues	Progress
Monitor	Monitor and review across the District – determine whether	Regulatory Services	S		December 2022 - Final draft of Dover District Council Air Quality Action Plan

	National AQ objectives met			internal consultation process being finalised.  Air Quality Monitoring in the Dover  District
	Define areas of poor air quality for action	Regulatory Services	M/L	Air Quality Management areas are published on the Council's website, there are currently two in Dover for nitrogen dioxide. Particulates that are emitted from both road vehicles and the burning of solid fuel are monitored with the TEOM instrument in Townwall St (whereas the diffusion tubes measure nitrogen dioxide).  Results from particulate monitoring do not indicate that levels in our district are breaching national AQ Objectives.
Implement	Pro-active measures that DDC can take to reduce negative impact on air quality	Regulatory Services	M/L	Technology upgrades in the Council Chamber and throughout the Whitfield Offices are now enabling modern 'style' hybrid meetings and flexible working and reducing the need for commuting and business travel.

					Information on air pollution and air quality and the damage caused by pollutants are contained in Air Quality (dover.gov.uk) webpage.  DDC Promote Clean Air Day (dover.gov.uk) annually in June with information about what residents can do to cut down air pollution and how the Authorities across the County work together to meet their legal duties and take action to address areas of poor air quality
Theme 7 Local Development Plan	Action	Responsibility	Timescale	Deliverability issues	Progress
Local Plan	Introduce Climate Change chapter into new Local Plan	Head of Planning	S	Subject to consultation and independent examination	Agreed at Cabinet 07.12.20 for consultation in January 2021

+infrastructure in the Local Plan			prescriptive and identifying specific sites (DM Policy 3).  News and updates about the Local Plan can be found at www.doverdistrictplan.co.uk  Updated Green Infrastructure Strategy being developed
Green thread' of climate action throughout Local Plan	Head of Planning	S	<ul> <li>Chapter includes: -</li> <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 7 – Surface Water Management</li> <li>DM Policy 8 – Coastal Change Management Areas</li> </ul>

					Cross referencing to other policies
					<ul> <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 35 – Digital Technology</li> <li>DM Policy 37 – Quality Residential Accommodation (space for homeworking)</li> <li>DM Policy 41 – Air Quality</li> <li>DM Policy 42 – Water Supply and Quality</li> </ul>
Theme 8 Transport	Action	Responsibility	Timescale	Deliverability issues	Progress

Staff travel	Mobile working – less travel to the office	CMT	S,M	Build on COVID 19 working practices	The provision of handheld devices to sections (i.e., Building Control) has reduced the need to visit the Council Offices to log/ report jobs.
Staff travel	Use alternative meeting options (telephone/ digital meetings)	Digital Team	S	Build on COVID shift to digital meetings and reducing need to travel for business meetings.	The ability to meet via TEAMS and the improvement in equipment in the Council Chamber and across the Whitfield Offices has enabled hybrid meetings to take place and flexible working which has resulted in less need for travel.  2020 Business travel shows a reduction of 34.55 tonnes of CO₂e compared to 2019.  2021 Business travel shows an increase of 5.51 tonnes of CO₂e compared to 2020.  2021 Business travel shows a reduction of 29.04 tonnes of CO₂e compared to 2019.  Salary Sacrifice Low Emission Car Scheme introduced on 30 March 2022. Since launch 7 employees have taken

					advantage of the scheme. The scheme provides staff of all grades (subject to qualifying criteria) access to new 'ecofriendly' electric or hybrid cars.  The Council also offers a Cycle to Work Scheme, encouraging active travel options for employees.
Fleet	Change to hybrid/ electric vehicles where feasible.	CMT Heads of Service	M		EV pool car managed by Community Team  Civic car is fully electric, and the 2 Environmental Protection team vans are electric.  Alternative viable solutions for fleet vehicles (including commercial vehicles) are considered when they are replaced.
EV charging	Provide EV charging points in Council car parks cycle + car	Assets & Building Control  Parking Services Climate Change	S	Success of OLEV fund/ match funding from DDC funds Participation in Kent EV Charger Network	DDC succeeded in OLEV funding bid for ev charging points. There are a total of 53 units currently available across Dover, Deal and Sandwich. Usage is monitored and the CCPAG updated on a quarterly basis.

			KCC grant to Town/ Parish Councils to install EV charging points	Parking Strategy being developed that will allow the Council to deliver the infrastructure needed in the right locations.  8 electric charging points on the Council's estate for fleet use only.  • A single 7KW 32A fast charger in Tides Care Park  • A single 7KW 32A fast charger in the rear car park at Whitfield on the end of the garages  • Six single 7KW 32A fast charger in the middle car park at Whitfield Consideration being given to increase the numbers of ev charging points at the Council Offices for public use.
Consider provision of EV charging points cycle + car in Council build projects	Head of Assets & Building Control	S		7 ev charging points are currently being installed at Napchester Road development (Whitfield) and infrastructure for 2 ev chargepoints is being installed in the Council build project at Foxborough Close (Woodnesborough). 12 ev charging points have been installed in the

		private market sales development that
		the Council has built (3 at Burgess
		Place and 9 at Castellum Mews –
		Dover). A further 2 ev charging points
		(accessible to the public) have been
		installed in car parking spaces adjacent
		to Bomford Place development
		(Dover)

	Emissions Within our Influence						
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress		
Theme 1 Assets & Estate							

Audit	Undertake asset audit to evaluate efficiency of each building type, to ascertain possible improvements, cost/ carbon implications and budget	Head of Assets & Building Control		Poor data information from East Kent Housing could delay implementation of improvements in Council Housing Stock	EPC Surveys of all DDC commercially let buildings are close to completion (deadline April 2023). Outcome will inform decision as to which buildings require upgrades.
Demonstrate	The benefits of the natural environment through schemes/ projects on Council land	Head of Assets & Building Control			Green Infrastructure Strategy being developed to take forward the <a href="Dover Green &amp; Blue Infrastructure">Dover Green &amp; Blue Infrastructure</a> <a href="Strategy: Evidence report">Strategy: Evidence report</a> will help inform decision making.  Parks & Open Spaces and <a href="White Cliffs Countryside">White Cliffs Countryside</a> <a href="Partnership projects">Partnership projects</a> / works demonstrate the benefits of the natural environment on Council land and across the wider district.
Theme 2	Action	Responsibility	Timescale	Deliverability issues	Progress
Housing					
Encourage	Retrofit in owner occupied housing to EPC 'C'	Private Sector Housing Climate Change		BRE Housing Stock Data available for use until March 2021	Signposting and provision of advice to residents on Green Home Grant Signposting and provision of advice on energy efficiency and renewable technologies provided to residents on an

		to inform	ongoing basis, with up to date information provided on the
		targeting	Council's website, Green Home Grant.
			The Principal Climate Change & Sustainability Officer and the Energy Support Officer offer a wide range of advice on reducing energy, energy efficiency, renewable energy and decarbonised heating technologies and can refer residents for energy vouchers to help cover energy costs and refer those is energy debt to Citizens Advice.  In the past two years alone 123 households have been supported with grant funding secured by the Council, delivering nearly £1 million of insulation/ heating measures.
Work with Landlord's to see the potential benefit of higher standard lets	Private Sector Housing Climate Change		Information on Landlord responsibility and the implications of the Minimum Energy Efficiency Standards are set out in the Private Sector Housing webpages on the Council's website.
Energy efficiency improvements to fuel poor/ vulnerable households through grants and loans	Private Sector Housing Climate Change	Dependent on availability of grant funding. Use of PSH Grants/ Loans to top up funding	Up-to-date information on grant funding available to help improve energy efficiency provided via email, telephone or through the <a href="Council's website">Council's website</a> .  In the last two years the Council has secured almost £1million funding through successful applications to the ECO 3, Warm Home Fund, Local Authority Delivery Scheme

		to enable 100%	(1a,1b and 2), Household Support Fund and UK Shared
		free install	Prosperity Fund. These funding streams have supported
			vulnerable households, with heating upgrades, insulation
			measures and solar pv.
			(March 2023) DDC is currently awaiting Government
			confirmation on the outcome of applications to other
			Energy Efficiency Funding schemes and the contract for the
			Energy Company Obligation 4 (ECO 4) which will run until
			2026 is currently being finalised. £80,000 of the UKSPF
			funding has been ringfenced to help alleviate energy costs
			of vulnerable households and improve the energy
			efficiency of housing stock in the next two years.
			0.000
			DDC continues to pursue funding opportunities to improve
			energy efficient of the least efficient homes in which fuel
			poor/ vulnerable households.
			poor/ vulnerable flousefloids:
Uptake of renewable	Climate Change		4 Properties in the district received fully funded solar pv
energy technologies			and battery storage (European Triple A funded project led
through promotion			by KCC).
			by RCCJ.
of successful pilot		1 <sup>st</sup> round of Solar	DDC participated in Solar Together Kent Mar 2021 scheme
projects undertaken		Together Kent	<ul> <li>23households had solar pv and 2 had batteries installed.</li> </ul>
at a local level		delivered at	- 25110useriolus fiau solai pv aliu 2 fiau batteries ilistalieu.
		against a	
		backdrop of	
		COVID 19, (which	
		delayed survey	
		bookings during	
		the winter	

lockdown; caused cancellations due to installer and customer isolation; and caused global delays to supplies and deliveries), and the impact on personal finance, as well as traditional dropout causes, such as roofs being unsuitable.

2<sup>nd</sup> round of Solar Together demand outstripped scheme capacity. First time this has happened in any Council backed scheme. Energy crisis has vastly increased able to pay

householders'

DDC participated in 2<sup>nd</sup> Round of Solar Together Kent scheme— Launched Spring 2022 — completion due end March 2023. As at mid-January 2023 — 91 installs completed.

Last year (2022) demand outstripped scheme capacity. First time this has happened in any Council backed scheme. Energy crisis has vastly increased able to pay householders' desire to invest in solar pv. The next round is due to launch this March.

				desire to invest in solar pv.	
Enforce	Take action to enforce minimum energy efficiency standards in private rental sector	Private Sector Housing			
Theme 3 Governance	Action	Responsibility	Timescale	Deliverability issues	Progress
Business Continuity	Flexibility in approach to delivering services, and adapting services	Heads of Service			
Use	Influence to review low carbon solutions across Council operations	CMT  Head of Assets & Building Control  East Kent Audit Partnership			This is an ongoing objective and ties in with the need to cover these objectives within Service Plans.

Influence to encourage supply chain to minimize impact on the environment	Procurement Manager  Regeneration Team  Project Managers	Funding opportunities for Businesses are published on the Council's <u>Businesses and Climate Change webpage</u> .  DDC signpost SMEs funding opportunities available through <u>signposting to LOCASE</u> Kent Procurement Subgroup drafting Kent Wide Market Position Statement for endorsement by Local Authorities.
Influence to help SME business to access funds and expertise to help reduce their carbon footprint	Regeneration Team Business Hub Climate Change	DDC's Businesses and Climate Change pages provide information on opportunities for Businesses to increase their environmental credentials.  Green Business Grants provided by the Council has helped 12 businesses to reduce their carbon footprint through contributions towards insulation, double glazing and solar pv. As at end of November 2022 a further 5 applications have been submitted for a green energy grant and are being considered by the Council's grants panel. DDC has been recognised for its work in supporting small businesses to renovate, bring back to use, and increase energy efficiency of their premises taking the award for 'Best Programme of Business Support in the Southeast' at the inaugural Federation of Small Businesses (FSB) Local Government Awards. Aylesham and Snowdown Welfare Bowls Cob, Solley's Kentish Ice Cream in Deal, and Algar Lodge Farm Shop are amongst the successful

					applicants to the Councils Green Business Grant. The scheme is now closed.  Kent REVs Up for Cleaner Air provides businesses with the opportunity to try an electric van. The aim is that organisations will see the benefits and easing of owning an electric vehicle and be encouraged to invest post trial.
Theme 4 Natural Environment	Action	Responsibility	Timescale	Deliverability issues	Progress
Awareness	Increase volunteer/ outreach work to promote the value of the natural environment	White Cliffs Countryside Project	S-M		The White Cliffs Countryside Partnership offers a range of opportunities for volunteers including practical conservation volunteers, site wardens and livestock lookering.  DDC trialled no mow May in several locations in 2022 to boost the flowers and nectar available for pollinating insects.
	Liaise with community groups/ schools to increase awareness of what we can all do to help	White Cliffs Countryside Project	Ongoing		In support of the Great British Spring clean DDC launched a new Environmental Awards Scheme to recognise unsung heroes who work hard to improve the appearance of the Dover District and help to maintain our environment. Individuals, schools, and

environment		groups were recognised for activities that help make
Cityiloillicit	Engagement	our district a clean and greener place to live such as
	Team	organising litter picks, reducing the amount of paper
		and plastic they use, recycling, upcycling, and reusing
		items such as furniture and clothes. Local businesses
		were judged on initiatives they'd introduced to
		become more sustainable.
		DDC won the prestigious Keep Britain Tidy Great
		British Spring Clean Award in recognition of the
		promotion, engagement and delivery of the Great
		British Spring Clean Campaign 2022.
		Spring 2023 announced the second year of its
		environmental awards scheme, rebranded as REACH
		(Recognising Environmental And Community Heroes) to
		recognise the district's unsung heroes who work hard to
		improve the appearance of the Dover District, help to
		maintain the environment and unite the local community.
		DDC provides groups with <u>clean-up kits</u> and advises on
		how to undertake safe litter picking campaigns.
		Dover District Council also promotes Great British Beach
		Clean 2022 (dover.gov.uk) annually to raise awareness
		about the importance of keeping beaches free from litter.

					The Environmental Protection team conduct educational talks and assemblies with schools or educational establishments on the topics of both litter and dog fouling. These include:  • The impact litter has on our environment.  • The risk to health and wildlife  • The cost of clearing it up  • The penalties if caught.  • Interactive games about biodegrading including covering a teacher with litter if questions were answered correctly.  The team anticipate extending these talks to cover other topics such as air pollution this year (2023)
Theme 5 Waste	Action	Responsibility	Timescale	Deliverability issues	Progress
Inform	Increase education and promotional campaigns on how to reduce waste, reuse and recycle	Waste Services			The Environmental Protection team conduct educational talks and assemblies with schools or educational establishments on the topics of both litter and dog fouling. These include:  • The impact litter has on our environment.  • The risk to health and wildlife

				<ul> <li>The cost of clearing it up</li> <li>The penalties if caught.</li> <li>Interactive games about biodegrading including covering a teacher with litter if questions were answered correctly.</li> <li>The team anticipate extending these talks to cover other topics such as air pollution this year (2023)</li> <li>The Council website pages Dog Fouling (dover.gov.uk)</li> <li>Business Waste and Recycling (dover.gov.uk) promote action to create a cleaner environment and the penalties for not offenders.</li> </ul>
Collaboration	Work with KCC on disposal strategy at waste disposal sites to encourage waste re-purposing, and use of biodegradable waste to generate biogas	Head of Commercial Services		To help reduce confusion about what plastics to recycle DDC in conjunction with all Kent Councils promote the charity, Pledge2Recycle Plastics, Kent - PLEDGE2RECYCLE to educate and advise citizens
	On encouragement/ enforcement on	Waste Services		

appropriate disposal	
of used products	
Strengthen intelligence of and penalties for waste crime  Regulatory Services	DDC had a successful bid for funding (£37,815) from DEFRA and the Waste and Resources Action Programme (WRAP) to combat fly tipping in our district. Fly-tipping hotspots cleared up and hidden CCTV installed in Dover (localrags.co.uk). This included the purchase of covert and overt surveillance equipment and the introduction of planters to fly tipping hotspots to change the way an area feels. This has resulted in the reduction in amount of waste fly tipped in some areas.  DDC is part of the Kent Resource Partnership Kent Resource Partnership - Kent County Council they employ are intelligence analysist which collates and shares intelligence to assist investigations into waste crime. This includes partnership working with the police and other Las across Kent.  DDC recently was part of a joint letter with a number of local authorities calling for the sentencing council to issue higher penalties for fly tipping, however this bid was unsuccessful.  There is a wealth of Environmental Education information on the following pages:- Environmental Education (dover.gov.uk)  Fly Tipping (dover.gov.uk)

					Vehicles used for fly tipping (dover.gov.uk)  Littering From Vehicles (dover.gov.uk)  Public Spaces Protection Order (dover.gov.uk)  Report a smoky lorry or bus - GOV.UK (www.gov.uk)  Crop Spraying (dover.gov.uk)  Statutory Nuisance (dover.gov.uk)  Residents are also able to report breaches and provide information to support enforcement action.
Theme 6 Air	Action	Responsibility	Timescale	Deliverability	Progress
Quality				issues	
Develop	AQ Plan and set out measures that could improve air quality in the district	Regulatory Services			Dover DC is finalising the updated AQ Action Plan to be published for consultation early 2023 – will include measures to improve AQ across the district
	Define areas of poor air quality for action	Regulatory Services			Air Quality Management areas can be found at:-AQMA-2009-Amendment.pdf (dover.gov.uk)  AQMA-High-St-Ladywell,-Dover.pdf
Collaboration	Work with Kent Highways to implement measures to improve air quality (i.e. Anti-idling,	CCWG			Dover DC works with colleagues across Kent and feeds action and outcomes into the KCC Low Emissions Strategy  Dover District Council is part of the Kent & Medway Air  Qualify Partnership, supporting all Kent Councils to meet to

	Planting of hedges/ tress to absorb emissions and improve air quality				monitor and take action to address areas of poor air quality.  The Council's webpages also provide advice on what steps residents can take to reduce air pollution.
Theme 7 Local Development Plan	Action	Responsibility	Timescale	Deliverability issues	Progress
Encourage	Sustainable pattern of development supported by a low carbon transport infrastructure	Head of Planning  Joint Transport Board	M, L		The provision of ev charging points/ ev chargepoint infrastructure is considered in all Council build projects (to date 21 ev charging points have been installed in the District and infrastructure for 2 ev charging points is currently being installed at Foxborough Close (Woodnesborough) development.  Proposals for town centre regeneration projects, e.g. the Dover Beacon application to the Levelling Up Fund are located close to sustainable transport connections.
	Encourage renewable sources of energy supply	Regeneration Team Climate Change	M,L		DDC has participated in and promoted Solar Together Kent scheme that enables residents to group together to buy solar pv and battery storage. The next round is due to launch in Spring 2023.

	A reduction in car use through managing developments in the Local Plan	Head of Planning	M,L		Updates on progress of Local Plan and evidence base available at <a href="https://www.doverdistrictlocalplan.co.uk">www.doverdistrictlocalplan.co.uk</a>
Request	Higher standards of sustainable design in buildings in the District	Head of Planning	M,L		
	Enforcement through Building Regs	Head of Assets & Building Control	Ongoing	Proposed revision to Part L of Building Regs	
	Refresh of Kent Design Guide in partnership with Kent Councils	Head of Planning	S- M		Review underway
Theme 8 Transport	Action	Responsibility	Timescale	Deliverability issues	Progress
Promote	Sustainable travel planning	Visitor Economy and Strategic Tourism Manager	M, L		DDC has been working with operator Stagecoach and Aylesham Parish Council to introduce two <u>Demand Responsive Transport (DRT)</u> minibuses. Residents living in Aylesham and surrounding villages that are not currently served by a regular bus service can reach Whitfield and link to other buses for onward journeys by booking a bus at the touch of a button or phoning

the operator. Buses will run 7am-7pm Monday to Friday and 9am – 5pm on Saturdays – a single flat fare will cost £3.50.

Dover District Leisure Centre's travel plan, includes

Dover District Leisure Centre's travel plan, includes the promotion of a monthly free bus pass in 2022 to Dover District Residents using the centre – promoting sustainable travel and emphasis on reducing reliance on single occupancy car journeys.

The construction of Dover Fastrack, Kent's first zeroemission bus route is underway. As the project's strong focus is on carbon reduction, more than 10,000 new trees, shrubs and hedgerows will be planted to provide enhanced wildlife habitat in the area.

Cycle hire available from June 2022 at Dover Castle coach park, Marina Curve and Market Square. Cycles can also be returned to Folkestone cycle hubs as well as those situated in Dover enabling visitors to cycle part of the Cantii Way.

DDC webpage 'small travel changes that can make a big difference' promotes sustainable travel.

High speed train is advertised on our websites, in our tourism brochure and on our social media sites:

			<ul> <li>https://www.investindover.co.uk/Why- Dover/Connected-for-Business/High-Speed-Train- Service.aspx</li> <li>https://www.whitecliffscountry.org.uk/staycations- in-white-cliffs-country/sustainable-tourism-in- white-cliffs-country</li> </ul>
Focus Visit Dover campaigns on 'green' tourism in the district	Visitor Economy and Strategic Tourism Manager	M, L	The Council promotes sustainable tourism: <a href="https://www.whitecliffscountry.org.uk/staycations-in-white-cliffs-country/sustainable-tourism-in-white-cliffs-country">https://www.whitecliffscountry.org.uk/staycations-in-white-cliffs-country/sustainable-tourism-in-white-cliffs-country</a>
Actions within Kent Energy & Low Emissions Strategy	Head of Commercial Services Head of Planning Joint Transportation Board	M, L	As part of a 'Schools Group' DDC partner in a successful Defra bid for a 'Digital Schools Resource' led by Canterbury CC to run educational campaigns for schools to promote sustainable/ active travel and improving air quality.  KCC looking to update Local Transport Plan
Uptake of electric vehicles through changes to licensing of taxis	Head of Regulatory Services	M, L	DDC new Licensing Policy. 4.3.3: Vehicle Specifications enable Electric, Hybrid or LPG converted vehicles to be licensed. This Authority offers a reduction in the licence fee

		for any vehicle that is electric, hybrid or LPG converted of 25%. Licences and Permits (dover.gov.uk)  The Energy Saving Trust are running a survey on behalf of Kent County Council and district councils in Kent (opens 27 January 2023) which aims to gauge opinions about electric vehicles (EVs) from the taxi and private hire trade. The results will help us understand the barriers they are facing to making this switch. This will help to inform licensing policies and charging infrastructure decisions to support a fair transition to EVs.

Emissions of Concern					
Theme	Action	Responsibility	Timescale	Deliverability issues	Progress
Theme 1 Assets & Estate					
Event/ Policy	Implications of international/ national/ local events that have a consequence of limiting current carbon reduction ambition	ESAG (Event Safety Advisory Group) CMT CCWG	M, L	Increased renewable energy targets, support for nuclear, hydrogen and Carbon capture and storage – long term solutions to nearterm problems.	Energy Security Strategy published on 7 April 2022
	Impact on economic prosperity of the district that will inhibit ability to take future action	CCWG	M, L		
	Changes to National Policy reduces level of current Climate Change ambition/ action	CCWG	M, L	Try to influence National Policy through responses to relevant consultations	

	Capacity of existing/ lack of investment in national infrastructure to support different types of energy supply, i.e. decarbonisation of heat	CCWG	M, L	Try to influence National Policy through responses to relevant consultations	
Theme 2 Housing	Action	Responsibility	Timescale	Deliverability issues	Progress
Funding	Continue to seek and lobby for funding to enable fuel poor households to achieve affordable warmth	Climate Change	M, L		DDC actively pursues funding opportunities – currently awaiting outcome of two funding applications (February 2023)
Advice	Provision of knowledgeable advice on energy, thermal efficiency, new technologies through different communication channels	Climate Change	M, L		Officers provide information to residents via telephone, email or face to face and the Council's website provides up to date information.

				Government website launched providing hints and tips on saving energy and energy efficiency.
cl tł ir	Provide information on changes in behaviour that will reduce our mpact on the environment	White Cliffs Countryside Project Housing Officers Community Engagement Team	M, L	Officers across the Council provide information relevant to their area of expertise.  Government's recently launched Help for Households webpage provides information on energy saving tips, and nationwide tv advertising campaign launched to help residents change energy usage behaviour.

Theme 3 Governance	Action	Responsibility	Timescale	Deliverability issues	Progress
New ways to work	Use lessons learnt from 'lockdown' to move away from business as usual approach to working life	Agile working group	M, L		Hybrid meetings now fully embedded into DDC working practices.  Moving our infrastructure into the cloud
	Use of community and business grants for 'green' initiatives	Regeneration Team	M, L		
Theme 4 Natural Environment	Action	Responsibility	Timescale	Deliverability issues	Progress
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	in conjunction with Kent Resilience Forum	M, L		DDC carry out annual drainage surveys and jetting clearance works on all its assets that contain drainage systems to reduce the risk of flooding – these are predominantly found in car parks and parks and open spaces.
	Encourage landowners upstream to develop	Emergency Planning	M, L		DDC work proactively with stakeholders such

flood prevention	in conjunction with		as KCC highways,
measures through	Kent Resilience		Internal drainage
natural sources, rather	Forum		board and
than installation of			Environment Agency to
barriers downstream	White Cliffs		improve and maintain
	Countryside Project		all of its watercourses
			and seek opportunities
			elsewhere to improve
			flood defences or
			mitigate the risk of
			flooding. DDC worked
			with Southern Water
			to improve these risks
			– one great innovative
			was encouraging
			residents in high
			surface water flood risk
			areas of Deal to use
			water butts to take the
			rainwater from roof
			spaces instead of going
			into the Southern
			water or highway
			drainage systems.
Encourage better land	White Cliffs	M, L	
management to	Countryside Project		
protect what we've got			

	Highlight the impact food choices/ production, travel etc has on marine life, soil and the air we breathe	Climate Change	M, L		
Theme 5 Waste	Action	Responsibility	Timescale	Deliverability issues	Progress
Review	Zero Waste Strategy, update and implement	Head of Commercial Services	M, L		
Stimulate	Action to reduce waste through working with Parish Councils, Community Groups etc	Community Engagement Team	M, L		
	Market for resource efficient products through leadership and greener procurement choices	CCWG  Procurement  Manager	M, L		
	Understanding of food waste hierarchy, i.e. prevent, reuse, recycle	Waste Team Community Engagement Team	M, L		

Theme 6 Air Quality	Recycling rates in the district where barriers exist currently that prevent recycling, ie. by working with residents in flats  Action	Waste Team  Responsibility	M, L Timescale	Deliverability issues	Progress
Partnership	Work with colleagues across the county/ community groups to extend the reach of local authority to achieve 'cleaner air' targets	Head of Regulatory Services	M, L		Together with Medway Council and Kent's 12 district and borough Councils DDC is part of the Kent & Medway Air Quality Partnership. The Partnership support each other to meet legal duties to monitor and take action to address areas of poor air quality. Air quality - Kent County Council

			DDC has worked with
			the Kent & Medway
			Air Quality
			Partnership to
			develop pollution
			patrol Home-
			Pollution Patrol
			which is an
			interactive education
			tool for children,
			parents and teachers
			to learn about air
			quality, its effects
			and how to reduce
			air pollution. The
			Environmental
			Protection team plan
			to do some
			promotional work on
			this in 2023.
Smart connectivity and	Regeneration Team	M, L	
mobility modal shift			
plan, linking to			
sustainable transport,			

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

				restrict DDC's ability to contain urban sprawl	
Theme 8 Transport	Action	Responsibility	Timescale	Deliverability issues	Progress
Collaboration	Through Quality Bus Partnership to work together towards the improvement of bus travel in Dover District	Joint Transportation Board	M, L		£2 single bus fare scheme launched January 2023 – deadline extended until June 2023.
	Work with KCC to improve the facilities for cycling and walking within Dover District and update Dover District Cycling Plan	Joint Transportation Board Visitor Economy and Strategic Tourism Manager	M, L		If the Dover Beacon project bid to LUF is successful, that will enable expansion of the Click to Cycle scheme.  Signage promoting Deal/ Walmer seafront cycle path has been refurbished.
	On continuance of Bus Rapid Transit process	Strategic Project Lead Officer (Infrastructure)	M, L		DDC continues to work closely with KCC on delivering the Dover Fastrack scheme.