

**Kent Environment Strategy: a strategy for Environment, Health and Economy  
Implementation Plan 2017**

## Introduction

This is the first implementation plan for the revised *Kent Environment Strategy: a strategy for environment, health and economy*. The plan builds on the previous 2011-2015 strategy and implementation plan. For further information on these and for the latest strategy please visit: <http://kent.gov.uk/environmentstrategy>.

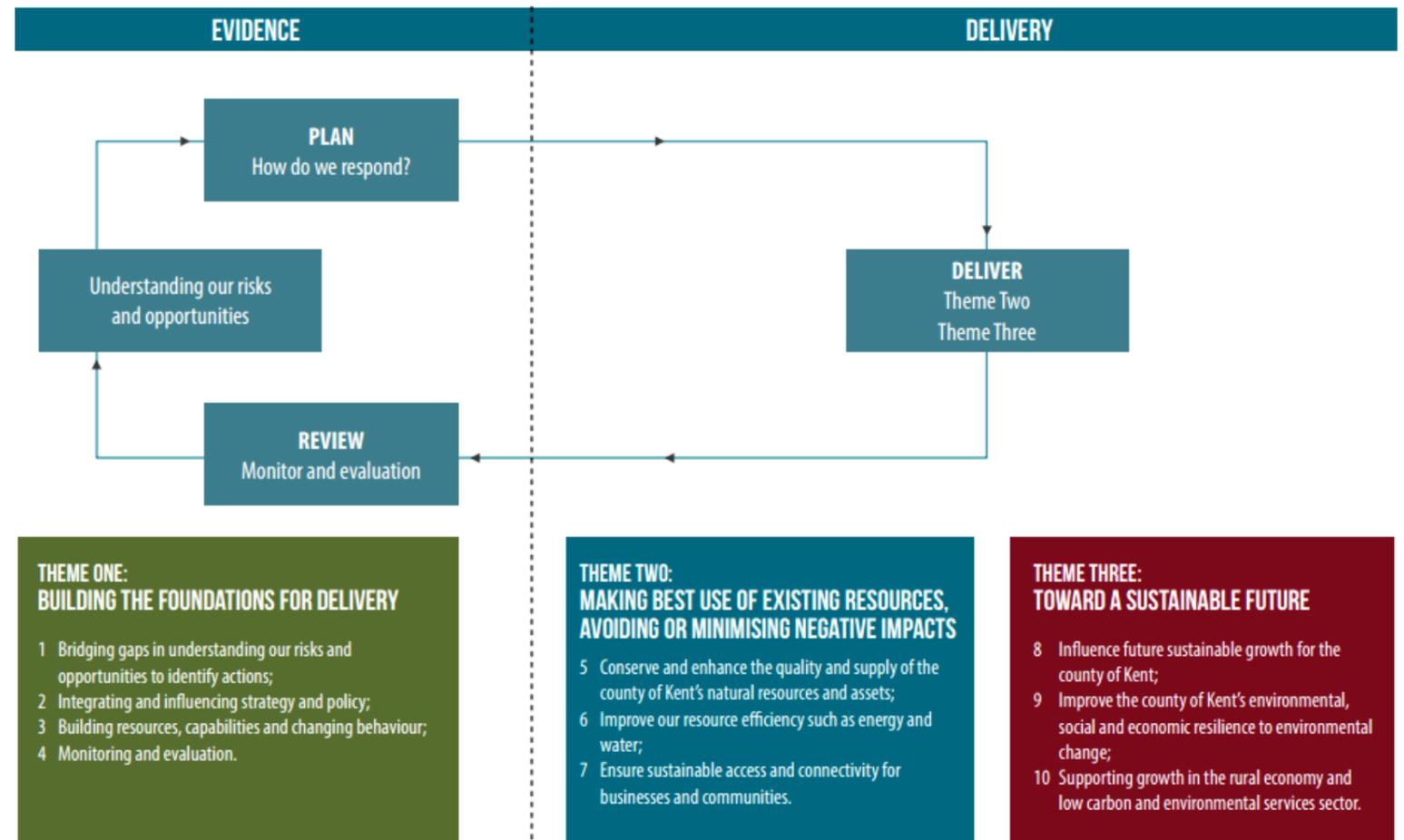
Current and future activities seek to be evidenced based and outcomes focused, with a range of pragmatic and aspirational actions that aim to enable the county of Kent to manage current and future risks and opportunities for our environment and the services it provides. Central to developing this plan, as with the strategy itself is a partnership approach and so activities have been informed by outcomes and feedback from a stakeholder workshop and a number of individual and organisational consultations.

Since the last strategy there has been, and continues to be some significant changes both nationally and locally. Critical then to the success of this plan working is partnership delivery in order to maximise our resources and increase capabilities. Activities have an assigned lead partner who is responsible for facilitating or liaising with delivery partners. Also, importantly the Kent Environment Strategy and this current plan do not stand alone; they are part of a suite of documents detailing priorities for the county of Kent. A number of these other plans and strategies are listed in the Kent Environment Strategy, and are linked where appropriate within in this plan along with the delivery organisation(s).

**Theme One** activities are focused towards providing an evidenced understanding of environmental risks and opportunities and building the resources and mechanisms to underpin delivery of actions across the plan.

**Theme Two** focuses on minimising the impacts of current activities through improving access to environmental services and reducing resource usage across all sectors. **Theme Three** activities are about ensuring that the county's communities, businesses, environment and services are resilient to environmental change, managing future risks and acting on opportunities.

As with previous plans, annual monitoring and evaluation of progress of the implementation plan will be carried out and any new actions identified through Theme One being incorporated into Themes Two and Three as appropriate.



## **Theme 1 Building the Foundations for Delivery**

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**AIM:** Decision makers will have an evidence-based understanding of our risks and opportunities and are incorporating these into appropriate strategies, plans and actions. The intrinsic value of our environment is understood and the benefits to our economy, health and wellbeing are widely communicated with partners building resources and capabilities to support action on the ground.

**OUTCOME:** Our policies, actions and decisions are based on a clear evidence base and resources are in place for delivery

**RATIONALE:** Theme One addresses our challenges and opportunities through building the foundations for delivery of activities. Priorities in this theme seek to strengthen our understanding of how we can support sustainable, good growth and address the changes we anticipate over the coming decades. The priorities look to maintain and develop local and national networks and partnerships, identifying opportunities for the co-delivery of outcomes and influencing local and national policy to support and drive delivery

**Priority 1: Bridging gaps in understanding our risks and opportunities to identify actions**

**BF1.1: Strengthen our understanding of the health, social and economic value of our natural and historical assets**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measuring success	Timelines
Improved understanding of the value of Kent’s natural environment through a Natural Capital Assessment, identifying opportunities for investment and supporting decision making.	Kent Nature Partnership Rural and Green Economy Group	Kent Nature Partnership	<ul style="list-style-type: none"> <li>Local Planning Authority strategic groups such as Kent Rural Board or Kent and Medway Economic Partnership</li> <li>Social care, health and wellbeing - KCC</li> <li>Kent Wildlife Trust</li> <li>Action with Communities in Rural Kent (ACRK)</li> <li>Campaign to Protect Rural England (CPRC)</li> <li>Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>Environment Agency</li> <li>Countryside, Leisure and Sport – KCC</li> <li>Green grids</li> </ul>	<ul style="list-style-type: none"> <li>Full Natural Capital Account for Kent and Medway</li> <li>Investment Plans</li> <li>Briefing and guidance for decision makers</li> </ul>	<ul style="list-style-type: none"> <li>Natural Capital Assessment completed and recommendations integrated</li> </ul>	<ul style="list-style-type: none"> <li>Number of wildlife sites in positive conservation management</li> <li>Natural assets are valued and incorporated into key decisions and commissioning</li> <li>Investments are made to protect and enhance natural assets</li> </ul>	Mid-2017
Working with health and social care professionals identify and promote where the natural environment can support healthy lifestyles.	Kent Nature Partnership Health and Nature Group	Kent Nature Partnership	<ul style="list-style-type: none"> <li>Clinical Commissioning Groups (CCGs)</li> <li>Joint Health and Wellbeing Service Providers</li> <li>Kent Wildlife Trust</li> <li>Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>Public Health</li> <li>Health Trainers</li> <li>Sports Trust</li> <li>Kent Sport</li> <li>The Conservation Volunteers (TCV)</li> <li>Countryside,</li> </ul>	<ul style="list-style-type: none"> <li>Health Needs Analysis</li> <li>Value of Health funded projects being delivered utilising natural assets</li> <li>Guidance and briefing for health and social care professionals</li> <li>Promotion and guidance for health in areas managed by Kent Environment Strategy Partners</li> </ul>	Residents are benefiting from positive health and wellbeing, and social inclusion through access to the natural environment	<p>Public Health Outcomes</p> <ul style="list-style-type: none"> <li>Evaluation of the Health funded projects being delivered utilising natural assets</li> <li>Number of Health and Social Care professionals engaged in guidance and briefings.</li> <li>Numbers of people using the natural and historic environment, Country Parks and Countryside Management Partnership areas for physical activity, volunteering or visiting</li> <li>Monitoring Engagement with the Natural Environment (MENE) – Natural England</li> </ul>	Mid-2017

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measuring success	Timelines
			Leisure and Sport - KCC <ul style="list-style-type: none"> <li>• Kent Parks Network</li> <li>• Explore Kent</li> <li>• Green Grids</li> </ul>				
Identify the health, social and economic opportunities that Kent's heritage provides and integrate into district wide Heritage strategies and specific project development.	Heritage Conservation (KCC)	Kent Heritage Steering Group - TBC	<ul style="list-style-type: none"> <li>• Local authorities (planning; regeneration; tourism; environment)</li> <li>• Kent Wildlife Trust</li> <li>• Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>• Public health</li> <li>• Historic England</li> <li>• Visit Kent</li> <li>• Explore Kent</li> </ul>	Heritage strategies and action plans incorporating wider outcomes across health, social and economy		Number of strategies and action plans in place	Ongoing

**BF1.2: Continue to assess the economic, health and social impacts of climate change on our businesses, services and residents and take action as appropriate**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measuring success	Timelines
Refresh the Kent Climate Change Risk Assessment and identify priority adaptation and mitigation actions	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering group (KESSG)	<ul style="list-style-type: none"> <li>• Kent Resilience Forum (KRF)</li> <li>• Local Authorities</li> <li>• Kent Climate Change Network (CCN)</li> <li>• Kent Health and Wellbeing Board (KHWB)</li> <li>• Medway Health and Wellbeing Board</li> </ul>	<ul style="list-style-type: none"> <li>• Climate Change Risk Assessment for Kent and Medway</li> <li>• Recommendations for action</li> </ul>	Commissioners and decision makers have a better understanding of risks and opportunities from climate change	<ul style="list-style-type: none"> <li>• Refreshed climate change risk assessment and priorities for action identified for Kent</li> <li>• Evidence of recommendations informing commissioning</li> </ul>	2017
Review and update the sustainability assessment of the Joint Strategic Needs Assessment (JSNA) to ensure that commissioning decisions are sustainable	Public Health (KCC)	JSNA Sustainability Working Group	<ul style="list-style-type: none"> <li>• Kent Health and Wellbeing Board</li> <li>• Medway Health and Wellbeing Board</li> <li>• Clinical Commissioning Groups</li> </ul>	JSNA Sustainability Chapter	Commissioners are informed and delivering sustainable decision making	Evidence of recommendations informing commissioning	End of 2016
Evidence of the impacts of severe weather on public services will continue to be assessed and used to inform service delivery and decision	<ul style="list-style-type: none"> <li>• Sustainable Business and Communities (KCC)</li> <li>• Kent Resilience</li> </ul>	Kent Resilience Forum (KRF)	<ul style="list-style-type: none"> <li>• Severe Weather Impacts Monitoring System (SWIMS) users</li> <li>• Frontline public service providers</li> </ul>	<ul style="list-style-type: none"> <li>• SWIMS summary reports</li> <li>• KRF Debriefing reports</li> </ul>	Services are prepared for the impacts of severe weather	<ul style="list-style-type: none"> <li>• Number of services using SWIMS</li> <li>• Risk assessments completed (cross-sector)</li> </ul>	Annual reporting and after major events

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measuring success	Timelines
making.	Team (KRT)		<ul style="list-style-type: none"> <li>Risk managers across public authorities</li> <li>Severe Weather Advisory Group</li> <li>Public Rights of Way (PROW) - KCC</li> </ul>			<ul style="list-style-type: none"> <li>Gaps in planning assumptions identified</li> <li>Local and multi-agency plans are reviewed and updated</li> <li>Funding of severe weather related projects</li> </ul>	

**BF1.3: Identify economic sectors with significant opportunities in relation to environmental change**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Identify sectors with significant growth potential in relation to environmental change and identify support mechanism as appropriate	Low Carbon Kent	Kent Economic Development Officers Group (KEDOG)	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Small and Medium Enterprises (SMEs)</li> <li>Universities</li> </ul>	Report on the Low Carbon Environmental Goods and Services sector incorporating expansion and growth potential in relation to environmental change	A resilient and growing business sector in relation to environmental change	Report completed	2017
Support improvement in water efficiency and availability to Kent's horticultural and agricultural sectors through delivery of the Kent Rural Board Water Task Group Programme	Water Task Group (WTG)	Kent Rural Board	<ul style="list-style-type: none"> <li>East Malling Research Centre (EMR)</li> <li>Landowners</li> <li>Environment Agency</li> <li>Water Companies</li> <li>National Farmers Union</li> <li>South East Rivers Trust</li> </ul>	<ul style="list-style-type: none"> <li>Work stream A Improving water use efficiency, with actions focusing on improved commercialisation of water efficient technologies</li> <li>Work stream B Improving water availability, with actions focusing on alternative water supplies to irrigators, supporting enhancements to strategic supply infrastructure.</li> </ul>	Sustainable water use in Kent's agriculture and horticulture sector	Water Task Group work programme monitoring	2016-2018
Through Kent's Growth and Infrastructure Framework (GIF) establish a county wide <i>framework for green infrastructure</i> and identify opportunities for delivery and investment.	Natural Environment Coast (KCC)	<ul style="list-style-type: none"> <li>Kent Nature Partnership (KNP) Infrastructure Funding</li> </ul>	<ul style="list-style-type: none"> <li>Local Planning authorities</li> <li>Public Rights of Way (PROW) - KCC</li> <li>Kent and Medway Economic Partnership</li> </ul>	Framework for green (and blue) infrastructure	<ul style="list-style-type: none"> <li>Green (and blue) Infrastructure incorporated into decision making relating to growth and infrastructure</li> <li>Investment is made</li> </ul>	Investment into green (and blue) Infrastructure (£)	2017

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
		Group	<ul style="list-style-type: none"> <li>• Kent Downs Area of Outstanding Natural Beauty</li> <li>• High Weald Area of Outstanding Natural Beauty</li> <li>• Environment Agency</li> <li>• Natural England</li> <li>• Green Grids</li> </ul>		into green (and blue) infrastructure, supporting its maintenance and enhancement		

**BF1.4: Improve our understanding of risks and opportunities related to specific resource constraints such as water and energy and land**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Build energy security across Kent and Medway through delivering recommendations from the KCC Energy Security Select Committee	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>• Local authorities</li> <li>• Public authorities, Private and domestic sectors</li> <li>• Utility suppliers</li> <li>• Dungeness Power station stakeholder</li> </ul>	Energy security action plan	A resilient energy supply for Kent that meets our environmental, air quality and carbon reduction commitments	Delivery of the action plan and recommendations to partners	End of 2016
Undertake a Water for Sustainable Growth Study to inform and support planning decisions	Flood and Water Management (KCC)	Infrastructure Funding Group	<ul style="list-style-type: none"> <li>• Environment Agency</li> <li>• Local Planning Authorities</li> <li>• Water companies</li> </ul>	Study report	Improved visibility of constraints to water infrastructure and environmental capacity	Evidence of recommendations being taken into planning decisions	December 2016

**BF1.5: Build on our understanding of local air and noise pollution and associated health outcomes to determine targeted actions**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Develop a low emissions strategy	Public Health – KCC Kent and Medway and Air Quality Partnership (KMAQP)	TBC	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Health and Wellbeing boards</li> <li>Public Health - KCC</li> </ul>	Evidence base of the public health impacts of air quality management areas in Kent	Key health implications from Air Quality Management Areas are understood and recommendations for action identified and promoted	Delivery of the strategy with evidence based recommendations	TBC
Raise awareness of the health impacts of air pollution, and actions that can be taken to reduce emissions and personal exposure.	Kent and Medway Air Quality Partnership		<ul style="list-style-type: none"> <li>Local authorities</li> <li>Health and Wellbeing boards</li> <li>Public Health</li> <li>National Health Service</li> <li>Clinical Commissioning Groups</li> </ul>	Targeted communications campaign	All sectors, health professionals, decision/policy makers and vulnerable groups are aware of air quality impacts	Awareness raising targeted at cross-sector groups in Kent and Medway	2017
Review of the environmental and health implications of aircraft noise on communities in Kent and Medway, and identify levels of risk and recommendations for further actions as appropriate.	Strategic Planning and Policy (KCC)	Joint Health and Wellbeing Board	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Kent Association of Local Councils (KALC)</li> <li>Local communities</li> <li>Local schools</li> <li>Public health</li> <li>Aviation action groups</li> <li>Airports/Airlines</li> </ul>	Report on the effects of aircraft noise	Decision makers have an informed understanding of all significant impacts of aircraft activity on communities	Report and evidence based recommendations produced	

**Priority 2: Influencing Strategy and Policy**

**BF2.1: To support decision makers, work with partners to establish a central evidence base addressing Kent Environment Strategy priorities**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Establish a central data and information hub for KES priorities to support and inform decision makers	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>Research and Intelligence - KCC</li> <li>Local authorities</li> <li>Public Rights of Way (PROW) - KCC</li> <li>Countryside, Leisure and Sport - KCC</li> <li>Low Carbon Kent</li> <li>Environment Agency</li> <li>Natural Environment and Coast – KCC</li> <li>Kent Environment Strategy activity leads</li> </ul>	Online data hub	Partners have access to data and information on indicators across the county to inform decision making	Operational data hub	End of 2017

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
			and delivery partners				

**BF2.2: Use our evidence to influence local, national and EU strategy and policy as appropriate**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Develop targeted policy briefings based on evidence and data hub established under Priority 2.1	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>Members</li> <li>Local authorities</li> </ul>	Targeted policy briefings	Decision makers are aware and understand current and key issues related to KES priorities	Policy briefings developed	
Support commissioners to incorporate, where appropriate, KES priorities into the delivery and acquisition of services and products	Sustainable Business and Communities (KCC)		<ul style="list-style-type: none"> <li>Commissioning leads</li> <li>Policy officers group</li> </ul>	Sustainable commissioning guidance	Commissioning decisions address Kent Environment Strategy priorities to deliver multiple outcomes	Evidence of uptake of guidance	

**BF2.3: Review national and local strategic priorities to identify local policy gaps and implications on delivery of our priorities**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Establish a biannual review of national and local strategic priorities, identifying gaps and implications, and developing policy briefings as appropriate	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>Countryside, Leisure and Sport - KCC</li> <li>Kent Parks Network</li> <li>Climate Change Network (CCN)</li> </ul>	Review and recommendations	Challenges and opportunities are anticipated and responded to ensuring activity remains fit for purpose	Partners are informed of key issues and opportunities	

**Priority 3: Building resources, capabilities and changing behaviour**

**BF3.1: Develop knowledge networks, sharing best practice and training to build capacity for informed decision making**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Identify training and development needs in relation to delivery of Kent Environment Strategy priorities and establish recommendations for skills and knowledge development	Climate Change Network (CCN)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Kent Police</li> <li>Kent Fire and Rescue Service</li> <li>Voluntary sector</li> <li>Academic sector</li> </ul>	<ul style="list-style-type: none"> <li>Report with recommendations for action</li> <li>Training modules established</li> </ul>	Kent partners are informed and able to deliver on Kent Environment Strategy priorities	<ul style="list-style-type: none"> <li>No. of partners who have completed core training and development requirements.</li> </ul>	End of 2017
Identify options and/or establish opportunities for volunteering, placements and apprenticeships to build skills and support sustainable economic growth for	Countryside, Leisure and Sport (CLS) – KCC		<ul style="list-style-type: none"> <li>Kent Association of Local Councils (KALC)</li> <li>Water companies</li> <li>The Conservation Volunteers (TCV)</li> </ul>	Current approach to volunteering, placements and apprenticeships mapped out	Growth in the number of volunteer hours, placement hours and apprenticeship hours in the public, charitable	<ul style="list-style-type: none"> <li>Number of people volunteering in the natural and historic environment and hours spent</li> </ul>	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
delivery Kent Environment Strategy			<ul style="list-style-type: none"> <li>Kent Wildlife Trust (KWT)</li> <li>Public Rights of Way (PROW)</li> <li>Council for Voluntary Service (CVS)</li> </ul>		and voluntary natural environment sector	<ul style="list-style-type: none"> <li>Volume of visits to the natural environment by activity</li> <li>Numbers employed in the Low Carbon Environmental Goods and Services sector</li> </ul>	
Provide support guidance to decision makers to champion and promote Kent Environment Strategy priorities at local and national level	Sustainable Business and Communities (KCC)		<ul style="list-style-type: none"> <li>Informal Members Group</li> <li>Kent Environment Champions Group</li> <li>Kent Environment Strategy Steering Group</li> <li>Strategic level of KES Governance structure</li> </ul>	Briefing notes and/or key messages	Environmental risks and opportunities are widely communicated to improve awareness, encouraging behaviour change and influencing policy at all levels	<ul style="list-style-type: none"> <li>Briefing notes and/or key messages promoted to decision groups/individuals</li> </ul>	

**BF3.2: Establish a coordinated approach to identifying and maximising funding opportunities, establishing mechanisms for co-delivery as appropriate**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Establish a central mechanism for identifying and applying for partnership funding opportunities	Economic Development (KCC)		Local authorities	Mechanism and bids developed	Resources are maximised across partners through co-delivery of projects	Funding brought into the county	

**BF3.3: Develop an environmental communications and engagement strategy, improving awareness of priorities and supporting behaviour change**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Develop a targeted environmental communications and engagement strategy and plan	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>Local and public authorities</li> <li>Kent Environment Strategy activity leads and delivery partners</li> </ul>	A coordinated approach to engaging with stakeholders on Kent Environment Strategy priorities and actions	Stakeholders are aware of and supporting Kent Environment Strategy priorities	<ul style="list-style-type: none"> <li>Strategy delivered with recommendations</li> <li>Public perception survey</li> </ul>	2016/2017

**Priority 4: Monitoring and Evaluation**

**BF4.1: Establish and monitor key performance indicators**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
KES Key performance indicators (KPI's) will be	Sustainable Business and Communities	Kent Environment	<ul style="list-style-type: none"> <li>Kent Environment Strategy activity leads</li> </ul>	<ul style="list-style-type: none"> <li>Revised key performance</li> </ul>	Effectiveness of delivery of actions is monitored	Key performance indicators (KPI's) in	2017

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
reviewed, updated and developed where required.	(KCC)	Strategy Steering Group (KESSG)	and delivery partners <ul style="list-style-type: none"> <li>Research and Intelligence</li> </ul>	indicators where appropriate <ul style="list-style-type: none"> <li>Additional indicators developed where required</li> </ul>	and communicated widely, with gaps and issues identified	place	

**BF4.2: Evaluate progress and identify future risks, opportunities and actions aligned to the Kent Environment Strategy priorities, informing current and future actions**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
To ensure that the Kent Environment Strategy is delivering priorities and remains fit for purpose annual monitoring and reporting will be undertaken.	Sustainable Business and Communities (KCC)	Kent Environment Strategy Steering Group (KESSG)	<ul style="list-style-type: none"> <li>Kent Environment Strategy activity leads and delivery partners</li> </ul>	Annual monitoring report	<ul style="list-style-type: none"> <li>Partners are aware of successes and gaps in delivery, and developing targeted action where necessary</li> <li>Wider stakeholders and public are aware of Kent Environment Strategy progress to enable challenge and influence as appropriate</li> </ul>	Annual monitoring report	Annually

## Theme 2 Making best use of existing resources, avoiding or minimising negative impacts

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**Aim:** Existing infrastructure, assets and resources across public, private and domestic sectors are being managed to improve efficiency and deliver net benefits, build resilience and provide best value for our organisations and residents

**Outcome:** All sectors are aware of their impact on the environment and how to avoid or reduce this through evidence based decision making, reducing resource usage and wasting less.

**Rationale:** Kent's infrastructure, resources and assets work to support and benefit 1.5 million residents and 59,500 businesses. This includes facilities for education, health, housing, food production, utilities and highways and railways as well as the resources provided through our natural environment. How these assets are managed impacts our environment, economy, health and wellbeing. The priorities within theme two have been identified to make best use of our resources through efficient, resilient and innovative use, saving money whilst reducing negative impacts on our environment and health. Theme two focusses on our current assets, whilst theme three looks to future use.

**Priority 5** Conserve and enhance the quality and supply of the county of Kent’s natural and historical resources and assets

**MR5.1:** Establish a consistent approach for local planning authorities to incorporate landscape and seascape character into decision making

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Commission new landscape and seascape character assessments, incorporating specific landscape and seascape features and the services they provide	Natural Environment and Coast - KCC	Kent Landscape Group	Local Planning Authorities	Updated Landscape and Seascape Character Assessments (LCA and SCA)) for Kent and Medway	LCA and SCA used in Landscape Visual Impact Assessment and influencing planning decisions	<ul style="list-style-type: none"> <li>Number of new LCA and SCAs commissioned.</li> <li>LCA and SCA used to inform local and neighbourhood plan policies and help provide a context for these plans.</li> </ul>	On hold in absence of Kent Landscape Officer
Undertake a landscape character trend analysis, identifying areas in declining condition and implementing actions as appropriate	Natural Environment and Coast - KCC	Kent Landscape Group	Local Planning Authorities	Trend analysis and recommendations for action	LCA and SCA used in Landscape Visual Impact Assessment and influencing planning decisions	Historic trend analyses being used to inform local and neighbourhood plan policies	On hold in absence of Kent Landscape Officer

**MR5.2:** Improve and increase functional habitat networks and ensure that planning decisions enhance and protect our natural and historic environment

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Establish viable and appropriate large scale habitat connectivity across Kent and Medway focusing on Biodiversity Opportunity Areas (BOA) in: <ul style="list-style-type: none"> <li>Old Chalk New Downs (Central North Downs, Medway Gap &amp; North Kent Downs, Greensand Heaths and Commons)</li> <li>Romney Marsh (Romney Marsh and Rye Harbour)</li> </ul>	Kent Nature Partnership (KNP) Habitat Improvement Group	Kent Nature Partnership (KNP)	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Private landowners</li> <li>Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>Natural England</li> <li>Royal Society for the Protection of Birds (RSPB)</li> <li>Environment Agency</li> <li>Green Grids</li> </ul>	Four Biodiversity Opportunity Areas delivered with coherent ecological networks	A coherent ecological network that supports resilient and biodiverse landscape	Additional functional and quality habitats created	
To support planners and decision makers facilitate delivery of the Kent Biodiversity Strategy and targets, Biodiversity Opportunity Areas (BOA) will be integrated into local plans.	Kent Nature Partnership (KNP) Habitat Improvement Group	Kent Nature Partnership (KNP)	<ul style="list-style-type: none"> <li>Local Planning Authorities</li> <li>Members of the Kent Nature Partnership (KNP)</li> <li>Green Grids</li> </ul>	Biodiversity Opportunity Areas implemented	Stakeholders are aware of and understand Biodiversity Opportunity Areas and are integrating the targets into strategy and decision making	<ul style="list-style-type: none"> <li>Roadshow delivered across all Local Planning Authorities to train in use of Biodiversity Opportunity Areas</li> <li>Annual review of uptake with Local Planning Authorities and integration into decision making</li> </ul>	Annual

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Address the decline in pollinators across the county and the impact on Kent's environment and economy through improving linear habitats and delivering Plan Bee	Cllr Sean Holden	Kent Rural Board	<ul style="list-style-type: none"> <li>• Kent Nature Partnership</li> <li>• Public sector</li> <li>• Farm and landowners</li> </ul>	<ul style="list-style-type: none"> <li>• Updated Plan Bee Guidance on planting schedules for new infrastructure</li> <li>• Promotion and increased production of Kent honey</li> <li>• Linear habitats established on road side verges through reduced cutting</li> </ul>	<ul style="list-style-type: none"> <li>• Improved status of Kent bees and other pollinator species</li> <li>• Kent's rural economy, in particular horticulture is protected and enhanced</li> </ul>	Improved status of Kent bees and other pollinator species	Ongoing

**MR5.3: Identify and take forward opportunities for sustainable water management to improve quality and quantity of our water environment and resources**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Deliver the Restoring Sustainable Abstraction programme, identifying over abstraction and taking action as appropriate	Environment Agency		<ul style="list-style-type: none"> <li>• Water companies</li> <li>• Natural England</li> <li>• South East Rivers Trust</li> <li>• Landowners</li> <li>• Other interested bodies such as the Royal Society for the Protection of birds (RSPB)</li> </ul>	<ul style="list-style-type: none"> <li>• Amendments/withdrawal of most seriously damaging abstractions and unused licences</li> <li>• Time limited licence renewal</li> </ul>	Improvement of rivers and wetlands damaged by unsustainable abstractions, as set out in River Basement Management Plans	<ul style="list-style-type: none"> <li>• River flows and levels</li> <li>• Water Framework Directive monitoring</li> </ul>	
Deliver in partnership the Thames and South East River Basin Management Plans (RBMPs) (2015-2021) to address Water Framework Directive objectives including: <ul style="list-style-type: none"> <li>• Protection and improvement Drinking Water Protected Areas (DrWPAs), Bathing Waters and Natura 2000 Sites.;</li> <li>• Partnership action plans to reverse any decline in water body status;</li> <li>• Delivery of partnership projects identified in the</li> </ul>	Environment Agency		<ul style="list-style-type: none"> <li>• Local authorities</li> <li>• Catchment Improvement Groups</li> <li>• Kent Nature Partnership (KNP)</li> <li>• Water companies</li> <li>• Natural England</li> <li>• Medway Swale Estuary Partnership</li> <li>• Royal Society for the Protection of Birds (RSPB)</li> <li>• Countryside Partnerships</li> </ul>	<ul style="list-style-type: none"> <li>• Catchment opportunity/priority mapping.</li> <li>• Catchment Data Explorer</li> <li>• Protected area action plans.</li> <li>• Deterioration action plans.</li> <li>• Partnership owned Medium Term Plan.</li> </ul>	Improved water body status	<ul style="list-style-type: none"> <li>• Percentage of catchment partnerships involved in catchment delivery planning.</li> <li>• Number of completed action plans.</li> <li>• Catchment Data Explorer updated.</li> <li>• Number of partnership projects delivered.</li> <li>• Length of water body improved.</li> </ul>	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
RBMP supporting catchment sensitive farming, river restoration, habitat improvement and water company infrastructure projects. (To be refined in the next iteration of this plan)							
Identify and deliver soft engineering techniques to mitigate against flood incidents, localised drainage problems or increase capacity in local sewer network.	Flood and Water Management - KCC		<ul style="list-style-type: none"> <li>Local authorities</li> <li>Medway Council (SuDS)</li> <li>Medway Valley Countryside Partnership (MVCP)</li> <li>Landowners</li> <li>Kent Wildlife Trust</li> <li>Highways and Flood and Water Management - KCC</li> <li>Catchment Partnerships</li> <li>Sewerage undertakers</li> </ul>	Delivery sustainable drainage projects: <ul style="list-style-type: none"> <li>Bell Road, Sittingbourne – road flood mitigation</li> <li>George's Park, Tunbridge Wells – increasing sewer capacity</li> </ul>	Asset improvement and reduced volume to the sewer networks	Volume of surface water removed from sewer network	

**MR5.4:** Establish land-use management approaches that create, preserve and enhance healthy, viable soils and respect landscape character

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Engaging in discussion over CAP reforms, ensuring best outcomes for Kent's agricultural sector, biodiversity, landscape and soil  <i>This activity is currently under review and will be refined in the next iteration of this implementation plan</i>	TBC	Kent Nature Partnership (KNP)	<ul style="list-style-type: none"> <li>Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>High Weald Area of Outstanding Natural Beauty (HW AONB)</li> <li>National Farmers' Union (NFU)</li> <li>Local authorities</li> <li>Forestry Commission</li> <li>British Geological Survey</li> </ul>	TBC	Soils remain functional and healthy	TBC	TBC

**MR5.5: Develop heritage strategies to improve understanding and management of the historic environment**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Promote the use of Kent Farmsteads Guidance by developers and land managers, and integrate within local plans.	Kent County Council Heritage	Kent Heritage Steering Group - TBC	<ul style="list-style-type: none"> <li>Historic England</li> <li>High Weald Area of Outstanding Natural Beauty (HW AONB)</li> <li>Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>Countryside Land and Business Association (CLA)</li> <li>Local authorities</li> </ul>	District and borough authorities adoption and application of guidance	Sustainable use of farmsteads and where appropriate, development of historic farmsteads	Adoption of guidance by local authorities	Ongoing
Assess heritage crime in the county and develop watch schemes as appropriate	<ul style="list-style-type: none"> <li>Kent County Council Heritage</li> </ul>	Kent Heritage Steering Group - TBC	<ul style="list-style-type: none"> <li>Local Authorities</li> <li>Kent Association of Local Authorities (KALC)</li> <li>Historic England</li> <li>Community Wardens</li> <li>Kent Police</li> </ul>	<ul style="list-style-type: none"> <li>Heritage crime assessments</li> <li>Watch schemes</li> </ul>	Communities are engaged and involved with reducing heritage crime	Number of watch schemes in place, and number of people involved	Ongoing
Develop a long-term solution to the Kent archaeological archives storage and access problem	Kent County Council Heritage	Kent Heritage Steering Group - TBC	<ul style="list-style-type: none"> <li>Local authorities</li> <li>School Library Association</li> </ul>	Proposal for long term archaeological archive storage developed and funded	Kent's artefacts and knowledge are secure and accessible for current and future residents and visitors	Storage solution identified and next steps identified for use	Ongoing

**Priority 6 Improve our resource efficiency such as energy, water and land**

**MR6.1: Reduce negative impacts and maximise the resource efficiency of public sector services, setting out our public commitments for energy, waste and water use reduction**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Update and widely communicate public commitments for energy, waste and water use reduction across local authorities	Climate Change Network (CCN)		Local authorities	Revised Kent Climate Local targets for energy, waste and water use reduction and associated actions identified	Residents and businesses are aware of our commitments to enable challenge as appropriate	Monitoring of targets	
Identify and implement renewable energy opportunities across public sector estates, partnering with communities and businesses as appropriate	Kent County Council		<ul style="list-style-type: none"> <li>Local authority energy managers</li> <li>Local authority property managers</li> <li>National Health Service</li> <li>Kent Association of</li> </ul>	<ul style="list-style-type: none"> <li>Business cases for identified opportunities</li> <li>Renewable energy schemes implemented</li> </ul>	Maximised use of renewable energy measures in public sector	Electricity generated and cost savings	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
			Local Councils (KALC)				

**MR6.2:** Improve the resource efficiency of our homes, reducing costs, tackling fuel poverty and improving health outcomes

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
<p>Develop a Waste Disposal Strategy for Kent County Council (as the Waste Disposal Authority) working in partnership through the Kent Resource Partnership (KRP).</p> <p>Incorporate actions into the Kent Environment Strategy as appropriate.</p>	Kent County Council Waste Management Team		<ul style="list-style-type: none"> <li>• Kent Resource Partnership</li> <li>• Local authorities (Officers and Members)</li> <li>• Waste contractors (current and future)</li> <li>• Kent Association of Local Councils (KALC)</li> <li>• Neighbourhood councils</li> <li>• Residents</li> <li>• SMEs</li> <li>• Government bodies (Environment Agency, Department for Environment, Food &amp; Rural Affairs, Waste &amp; Resources Action Programme)</li> </ul>	<ul style="list-style-type: none"> <li>• Waste Disposal Strategy</li> <li>• Action Plan</li> </ul>	A high quality, value for money household waste disposal service for the people of Kent driving waste reduction, recycling and zero waste to landfill.	<ul style="list-style-type: none"> <li>• Waste and financial targets</li> <li>• Customer feedback/satisfaction.</li> <li>• Service evaluation</li> </ul>	2017-2018
<p>Review and update the Kent Joint Municipal Waste Management Strategy incorporating opportunities to optimise domestic collection methods, and maximise recycling and composting</p> <p>Incorporate actions into the Kent Environment Strategy as appropriate.</p>	Kent Resource Partnership (KRP)		<ul style="list-style-type: none"> <li>• Local authority waste management</li> <li>• Residents</li> </ul>	<ul style="list-style-type: none"> <li>• Kent Joint Municipal Waste Management Strategy</li> <li>• Action plan and targets</li> <li>• Promotional campaigns</li> </ul>	High quality services are being delivered to Kent residents, with emphasis on waste reduction, recycling and diversion from landfill	Annual action plan which includes targets for domestic recycling, composting and reduction in landfill	2017
Develop and deliver a Fuel Poverty Strategy for Kent and Medway	Kent Energy Efficiency Partnership (KEEP)	Kent and Medway Sustainable Energy Partnership (KMSEP)	<ul style="list-style-type: none"> <li>• Local authorities</li> </ul>	<p>Fuel Poverty Strategy Action Plan Priorities, covering:</p> <ul style="list-style-type: none"> <li>• Information gathering and sharing</li> <li>• Improving energy efficiency</li> <li>• Reducing fuel costs</li> </ul>	Reduced fuel poverty across Kent, with residents living in homes with affordable warmth and lower energy bills	Annual review of action plan and two yearly district Home Energy Conservation Act (HECA) report	2018

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
				<ul style="list-style-type: none"> <li>Increase income – support vulnerable households to maximise income</li> </ul>			
Deliver a coordinated retrofit programme across Kent and Medway such as the Warm Homes Programme	<ul style="list-style-type: none"> <li>Kent and Medway Sustainable Energy Partnership (KMSEP)</li> </ul>	Kent and Medway Sustainable Economic Partnership (KMSEP) Project Board	<ul style="list-style-type: none"> <li>Kent Energy Efficiency Partnership (KEEP)</li> <li>Local authorities</li> <li>Public Health</li> <li>Housing Associations</li> <li>Energy installers</li> <li>Residents</li> <li>Kent Housing Group</li> <li>Private Sector Housing Group</li> </ul>	Energy saving measures installed in homes across Kent & Medway	Reduced fuel poverty across Kent, with residents living in homes with affordable warmth and lower energy bills	<ul style="list-style-type: none"> <li>Number of measures installed and associated cost and CO<sub>2</sub> savings</li> <li>Funding drawn in for installations</li> </ul>	Mid-2017

**MR6.3:** Work with businesses to reduce costs and negative impacts through improving compliance, efficiency, resilience and innovation in the use of resources

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Develop an integrated business support package to maximise existing support and develop appropriate public sector interventions for promoting growth in the low carbon sector across Kent and Medway	Low Carbon Kent	Kent and Medway Economic Partnership (KMEP)	<ul style="list-style-type: none"> <li>Economic Development - KCC</li> <li>Kent Economic Development Officers (KEDOG)</li> <li>LoCASE Partners</li> <li>South East Local Enterprise Partnership</li> <li>Small and Medium Enterprises (SMEs)</li> <li>Universities</li> <li>Trading Standards</li> <li>Public Health</li> </ul>	An integrated mechanism for supporting businesses (LoCASE project)	Growth and diversification of the low carbon sector	Businesses supported and grants provided through the LoCASE project	2016-2019

**Priority 7** Ensure sustainable access and connectivity for businesses and communities

**MR7.1** Develop and integrated approach to sustainable access to our countryside, heritage and coast

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Review and update the Countryside and Coastal Access and Improvement Plan	Public Rights of Way - KCC		Local authorities	Countryside and Coastal Access Improvement Plan 2018-2028	Residents and visitors have access to Kent's countryside and coast,	Countryside Access Improvement Plan (CCAIP) Action Plan (to be updated on completion of the plan)	2016/2017

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Promote a sustainable tourism and visitor economy for Kent maximising Kent's natural and historical assets across the county's inland, coastal and marine areas.	Explore Kent (KCC)		<ul style="list-style-type: none"> <li>Visit Kent</li> <li>Public Rights of Way (PROW) - KCC</li> <li>Local Authorities</li> <li>Kent Association of Local Councils (KALC)</li> </ul>	<ul style="list-style-type: none"> <li><b>Delivery of We Love Walkers and Cyclists:</b> an accreditation scheme to highlight the facilities available for walkers and cyclists across towns and through businesses</li> <li><b>Maintaining and refreshing Explore Kent Website:</b> working with partners on quality assurance and promotion of routes, events, facilities and activities</li> </ul>	Kent businesses showcasing the connection between customer interests and the countryside	Number of business and authorities signed up	Ongoing (launch 2016/2017)
Searchable register, and promotion of activities that support the health and wellbeing of residents	Explore Kent	Kent Nature Partnership (KNP) - Health and Nature Group	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Public Rights of Way (PROW) - KCC</li> <li>Charity and third sector organisations</li> <li>Kent Health and Wellbeing Board/and Medway</li> <li>Kent Public Health</li> <li>Countryside Management Partnerships</li> <li>The Conservation Volunteers (TCV)</li> </ul>	<ul style="list-style-type: none"> <li>Register of projects</li> <li>Number of people engaged</li> </ul>	Health professionals and residents are aware of opportunities to improve outcomes through natural environment and prescribing these as appropriate	<ul style="list-style-type: none"> <li>Register developed</li> <li>Promotions with health professionals</li> </ul>	2016/2017

**MR7.2** Ensure our residents, businesses and communities are well connected to services, with sustainable and active travel options

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Promote the development of high quality walking, cycling and public transport routes through the Local Sustainable Transport Fund, Local Transport Plan (LTP4) and delivery of KCC's Active Travel Strategy.	<ul style="list-style-type: none"> <li>Kent County Council Highways and Transport (Active Travel Strategy)</li> </ul>	Active Travel Strategy Group (KCC)	<ul style="list-style-type: none"> <li>Strategic Planning and Policy - KCC</li> <li>Local authorities</li> <li>Public Rights of Way (PROW) - KCC</li> <li>Kent Association of Local Councils (KALC)</li> <li>Residents</li> <li>Transport operators</li> </ul>	<ul style="list-style-type: none"> <li>Cycling, walking and public transport routes are incorporated into plans</li> <li>Provision and maintenance of appropriate routes for active travel</li> </ul>	A shift towards more sustainable and active modes of travel supporting healthier lifestyles and reducing emissions	Adoption of the Strategy by Kent County Council, and sustainable and active travel routes delivered and maintained across the county	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
			(bus, rail) <ul style="list-style-type: none"> <li>• Cycling action groups</li> <li>• Further education colleges and universities</li> <li>• Public Health and National Health Service</li> <li>• Voluntary sector/The Conservation Volunteers</li> <li>• Charities working with disabled people</li> <li>• Housing associations</li> <li>• Kent Invicta Chamber of Commerce (KICC) and Kent Federation of Small Businesses (FSB)</li> <li>• Kent Sport</li> </ul>	(Active Travel Strategy)			
Support access to superfast broadband across the county	Kent County Council Economic Development		<ul style="list-style-type: none"> <li>• Broadband Infrastructure providers</li> <li>• Broadband Delivery UK</li> <li>• Businesses</li> <li>• Residents</li> </ul>	Delivery of the Making Kent Quicker programme	New opportunities for residents and businesses to operate more independently and remotely, reducing the need for travel	95% coverage by the end of 2017 and 95.7% coverage by September 2018.	End of 2018

**MR7.3 Promote smarter working practices to improve efficiency and deliver health and economic benefits through reduced travel**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Support SME's in enhancing their digital capabilities	Low Carbon Kent		<ul style="list-style-type: none"> <li>• Department for Business, Energy &amp; Industrial Strategy – UK GOV</li> <li>• National Health Service (NHS)</li> <li>• Business Development Units in districts</li> <li>• Department for Culture, Media &amp; Sport – UK GOV</li> <li>• Kent &amp; Medway Growth Hub</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Workshops on e-commerce</li> <li>• Workshops on search engine optimisation</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced business mileage, saving money and reducing emissions</li> <li>• Increase economic potential of SMEs through improved access to products and customers</li> </ul>		

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Holding action for travel advice for public sector and businesses – this will be refined in the next iteration of this implementation plan							

### **Theme 3** Toward a sustainable future

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**Aim:** Kent's communities, businesses, environment and services are resilient to environmental change whilst making the most of the economic and health opportunities this brings. Our communities are well designed and sustainable, improving prosperity, health outcomes and social wellbeing. Innovation in low carbon, resource and environmental business sectors is delivering economic growth in the county

**Outcome:** Kent is actively addressing the risks, impacts and opportunities from environmental and climate change, whilst delivering wider economic and health opportunities.

**Rationale:** Where theme two focussed on the resource efficiency and resilience of our current resources and assets, theme three seeks to ensure that the decisions and plans we make for the future, support residents, businesses and communities in addressing the challenges and opportunities we are likely to face.

## Priority 8: Influence future sustainable growth for the county of Kent

**SF8.1:** Ensure that key environmental risks such as flooding, water scarcity and heat are informing policy decisions and development

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Review and refresh the Local Flood Risk Strategy	Flood and Water Management - KCC		Risk management authorities: <ul style="list-style-type: none"> <li>• District and borough authorities;</li> <li>• Highways agency;</li> <li>• Water companies;</li> <li>• Environment Agency,</li> <li>• Internal Drainage Boards.</li> </ul>	Revised Local Flood Risk Strategy	Public and private sectors, and communities are clear on their roles and responsibilities in flood risk management	Revision of the strategy and action plan	End of 2017
Water infrastructure capacity is informing planned developments	Flood and Water Management - KCC		Local authorities	Current planned development is linked with existing capacity of water infrastructure through the Growth and Infrastructure Framework (GIF)	Water infrastructure requirements are accounted for, and where necessary invested in, for planned development	Water infrastructure capacity is integrated into development plans	End of 2017
Ensure outputs of the Kent Climate Change Risk Assessment are integrated into policy and planning	Sustainable Business and Communities - KCC		<ul style="list-style-type: none"> <li>• Public Rights of Way (PROW) - KCC</li> <li>• Kent Environment Strategy activity leads and delivery partners</li> </ul>	Recommendations and supporting tools/resources	Development is resilient to long term risks and opportunities, avoiding or reducing future costs to businesses, communities and services wherever possible	Climate change risks and opportunities are addressed and integrated into planned development	2017

**SF8.2:** Address the environmental challenges and ambitions identified in the Growth and Infrastructure Framework and local plans, such as sustainable and alternative transport options, green infrastructure, energy, water and flooding

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Identify energy needs for growth and how these can be met sustainably and ensuring that these are incorporated into the Growth and Infrastructure Framework (GIF) (e.g. district heating and community energy). Recommendations from sub-priority 1.3 will provide input into this activity.	Strategic Planning and Policy		<ul style="list-style-type: none"> <li>• Local Planning Authorities</li> <li>• Energy providers</li> <li>• Department for Business, Energy &amp; Industrial Strategy – UK GOV</li> </ul>	Recommendations identified and incorporated into the Growth and Infrastructure Framework (GIF)	Future growth in the county has a secure and cost effective energy supply, improving health and reducing emissions	Sustainable energy opportunities delivered	
Promote inclusion of environment and sustainable	Flood and Water Management – KCC		<ul style="list-style-type: none"> <li>• Local planning authorities</li> </ul>	TBC	Flood risk is reduced	TBC	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
approaches to water management, such as sustainably managed surface water and increased capacity with sewer systems			<ul style="list-style-type: none"> <li>• Sewerage undertakers</li> <li>• Kent Developers</li> <li>• Local Planning Authorities</li> <li>• Kent Wildlife Trust</li> <li>• Landowners/businesses</li> </ul>				

**SF8.3:** Develop guidance and support to enable sustainable growth protecting the county of Kent’s environmental and historic assets, and supporting healthy, prosperous communities

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Provide support and guidance e.g. Kent Design to achieve sustainable growth through incorporating KES priorities	TBC		<ul style="list-style-type: none"> <li>• Local planning authorities</li> <li>• Kent Wildlife Trust</li> <li>• Kent Resilience Forum (KRF)</li> <li>• Kent Nature Partnership (planning protocol)</li> <li>• Public Rights of Way (PROW) - KCC</li> </ul>	Guidance developed or promoted e.g. Kent Design		Planners and developers engaged and evidence of use	

**Priority 9: Improve the county of Kent’s environmental, social and economic resilience to environmental change**

**SF9.1:** Increase awareness of the impacts of severe weather and environmental change and empower businesses and communities to build resilience

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Increase the number of people across Kent registered with Floodline Warnings Direct through: <ul style="list-style-type: none"> <li>• Encouraging people to sign up to Floodline Warnings Direct</li> <li>• Working with telecommunications companies to register customers at risk of flooding to Floodline Warnings Direct.</li> <li>• Developing the Flood Warning Service to increase the level of coverage, offering a</li> </ul>	Environment Agency		<ul style="list-style-type: none"> <li>• Kent Resilience Forum (KRF)</li> <li>• Community groups</li> <li>• Telecommunications companies</li> <li>• Parish councils</li> <li>• Local authorities</li> <li>• Kent Resilience Team (KRT)</li> <li>• Hard to reach groups</li> <li>• Flood Wardens</li> <li>• Local media</li> </ul>	Increased number of people registered with Floodline Warnings Direct	Public, emergency organisations and businesses can prepare and put emergency plans into place ahead of a flood event	Number of people registered with Floodline Warnings Direct	Ongoing

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
service to more customers.							
Support communities at risk of flooding to be more actively involved in the management of risk in their area	<ul style="list-style-type: none"> <li>Sustainable Business and Communities - KCC</li> <li>Flood and Water Management - KCC</li> </ul>	Kent Resilience Forum (KRF)	<ul style="list-style-type: none"> <li>Kent Resilience Team (KRT)</li> <li>Local authorities</li> <li>Environment Agency</li> <li>Community groups and volunteer organisations</li> <li>Action with Communities in Rural Kent (ACRK)</li> <li>Kent Association of Local Councils</li> </ul>	Community flood risk management plans which include	Communities are aware of, and actively managing flood risk	<ul style="list-style-type: none"> <li>Number of increased flood wardens</li> <li>Number of communities involved</li> </ul>	
Support businesses in understanding their risk and build resilience to environmental change	Kent Resilience Forum (KRF)		<ul style="list-style-type: none"> <li>Kent Resilience Team (KRT)</li> <li>Local authorities</li> <li>National Health Service (NHS)</li> <li>Environment Agency</li> <li>Kent Association of Local Councils</li> <li>Small and Medium Enterprises (SMEs)</li> <li>Kent Invicta Chamber of Commerce (KICC)</li> <li>Action with Communities in Rural Kent (ACRK)</li> <li>Kent and Medway Economic Partnership (KMEP)</li> </ul>	<ul style="list-style-type: none"> <li>Workshops incorporating environmental change and business continuity</li> <li>E-learning package</li> </ul>	<ul style="list-style-type: none"> <li>Businesses are able to address risks and build resilience leading to reduced closures after severe weather events</li> <li>Business maximising opportunities from climate change</li> </ul>	<ul style="list-style-type: none"> <li>Number of businesses engaged</li> <li>Questionnaire on incorporation of resilience planning into business operations/processes</li> </ul>	
Development and implementation of a Kent Community Resilience Strategy addressing environmental change	Kent Resilience Team (KRT)	Kent Resilience Forum	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Community groups and volunteer organisations</li> <li>Kent Association of Local Councils (KALC)</li> <li>Public Health and National Health Service</li> <li>Environment Agency</li> <li>Action with Communities in Rural Kent (ACRK)</li> </ul>	Community Resilience Strategy and action plan	Increased community participation in preparing for, responding to and recovering from emergency events	Delivery and implementation of the strategy	2017/2018

**SF9.2:** Ensure that public sector services have assessed key environment and severe weather risks and opportunities and are taking action accordingly

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Ensure that the risks and opportunities from climate	Sustainable Business and Communities -	Climate Change	<ul style="list-style-type: none"> <li>Local authorities</li> </ul>	Climate Change Risk Assessments and	Public sector organisations have a	Commissioning documents	End of 2019

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
change are understood and informing delivery and commissioning of services	KCC	Network (CCN)	<ul style="list-style-type: none"> <li>Public authorities</li> </ul>	action plans, tools and guidance	clear idea of risks and opportunities and are taking action as appropriate	incorporating climate change risks	
Embed climate change adaptation into long term decision making for public authorities	Sustainable Business and Communities - KCC		<ul style="list-style-type: none"> <li>Public Health</li> <li>Local Authorities</li> <li>Kent Resilience Team (KRT)</li> </ul>	Decision management tool – Adapt 2 Seas project	Public authorities are able to plan when to invest and implement specific adaptation measures into their service delivery	Development and implementation of the tool <ul style="list-style-type: none"> <li>Number of service using tool</li> <li>Number of measures undertaken</li> </ul>	End of 2019
Establish approach to build resilience within health and social care sector	Sustainable Business and Communities - KCC		<ul style="list-style-type: none"> <li>Kent County Council Health and Social Care</li> <li>Kent Resilience Team (KRT)</li> <li>Local authorities</li> <li>National Health Service (NHS)</li> <li>Economic Development</li> <li>Social Care</li> </ul>	Pilot Project – FRAMES Project	Health and social care professional and providers are aware of and addressing risks from environmental change to ensure service continuity	<ul style="list-style-type: none"> <li>Number of care homes involved</li> <li>Number of residents supported</li> </ul>	End of 2019

**SF9.3: Improve water management and build flood resilience, maximising opportunities to deliver multiple benefits for our environment and residents into the future**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Devise a sustainable maintenance model for SuDs (Sustainable Drainage Scheme) features	Flood and Water Management – KCC		<ul style="list-style-type: none"> <li>Local planning authorities</li> <li>Sewage Undertakers</li> <li>Department for Environment, Fisheries and Agriculture (Defra)</li> </ul>	Development of vehicle for delivery either through conditions (Local Planning Authorities led change) or through new mechanisms (Kent County Council led change)	Increased uptake of SuDs leading to improved flood resilience	Model established	
Reduce the number of properties at flood risk or coastal erosion flood risk through delivery of a six year capital improvement plan	Environment Agency		<ul style="list-style-type: none"> <li>Risk management authorities</li> <li>Local authorities</li> <li>Landowners and developers</li> </ul>	Increased number of properties at reduced flood risk or coastal erosion risk		<ul style="list-style-type: none"> <li>Number of properties at reduced flood risk</li> <li>Number of properties at reduced coastal erosion risk</li> </ul>	
Build resilience of catchments and ecosystems and develop integrated catchment management throughout Kent	Environment Agency		<ul style="list-style-type: none"> <li>Local authorities</li> <li>Kent Planning Officers Group</li> <li>Kent Nature Partnership</li> </ul>	<ul style="list-style-type: none"> <li>Opportunity mapping for Water Framework Directive (WFD)</li> </ul>	Catchments and ecosystems are resilient to future change, supporting	<ul style="list-style-type: none"> <li>Length of water body resilience improved</li> <li>Partnership projects</li> </ul>	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
through: <ul style="list-style-type: none"> <li>Seeking opportunities to engage, promote, and support the East Kent Catchment Improvement Partnership, Medway Catchment Improvement Group, Darent Catchment Partnership and the Rother and Romney Catchment Partnership.</li> <li>Working with Kent Planning Officers Group to raise awareness of Water Framework Directive and utilise opportunities arising through the planning process.</li> <li>Delivery of freshwater and inter-tidal habitats across the Thames and Medway Estuaries and North Kent.</li> </ul>			(KNP) <ul style="list-style-type: none"> <li>Kent Rural Board Water Task Group</li> <li>Kent Wildlife Trust</li> </ul>	through the planning system. <ul style="list-style-type: none"> <li>Delivery of habitat projects.</li> </ul>	environment, economic and health outcomes	established and delivered	

**SF9.4: Build resilience to the impacts of environmental change, disease and invasive species on human, plant and animal health**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Implement the Ash Dieback Action Plan and develop a Tree Strategy for Kent & Medway	Ash Dieback Strategic Co-ordinating Group		<ul style="list-style-type: none"> <li>Kent Tree Officers Association</li> <li>Natural Environment and Coast - KCC</li> <li>Kent Highways</li> <li>Kent Resilience Forum (KRF)</li> <li>Local authorities</li> <li>Kent Downs Area of Outstanding Natural Beauty (KD AONB)</li> <li>The Conservation Volunteers (TCV)</li> </ul>	TBC	TBC	TBC	TBC
Share risks and learning in relation to animal and plant disease, and invasive species,	Public Health		<ul style="list-style-type: none"> <li>Kent Nature Partnership (KNP)</li> <li>Kent Resilience Forum</li> </ul>	TBC	TBC	TBC	TBC

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
mechanism will be developed to raise awareness and improve communication across public and voluntary sectors, and landowners.			(KRF) <ul style="list-style-type: none"> <li>Kent County Council Trading Standards</li> <li>Forestry Commission</li> <li>Natural England</li> <li>Environment Agency</li> </ul>				

### Priority 10: Supporting growth in the rural economy and low carbon and environmental services sector

#### SF10.1: Support business innovation

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Support businesses to build resilience to resource scarcity in delivery of products and services	Sustainable Business and Communities - KCC		<ul style="list-style-type: none"> <li>Kent businesses</li> <li>LoCASE partners</li> <li>European Union partners</li> </ul>	A mechanism for identification and marketing of new resource efficient business models, products and services	Businesses are managing risk to the cost and supply of their goods and services	Development and implementation of the tool	End of 2019
Develop and promote high growth low carbon sectors such as offshore wind, marine energy, building retrofit and wood biomass	<ul style="list-style-type: none"> <li>Low Carbon Kent</li> <li>Economic Development – KCC</li> </ul>	Kent and Medway Economic Partnership	Kent LEADER action groups: <ul style="list-style-type: none"> <li>East Kent Local Action Group</li> <li>West Kent Local Action Group</li> <li>Kent Downs and Marshes Local Action Group</li> </ul> <ul style="list-style-type: none"> <li>Southeast Centre for Offshore Renewable Energy (SE CORE)</li> <li>Action with Communities in Rural Kent (ACRK)</li> <li>Kent Invicta Chamber of Commerce (KICC)</li> <li>Crown Estates</li> <li>Royal Society for the Protection of Birds (RSPB)</li> <li>Kent Woodland Educational Scheme</li> </ul>	<ul style="list-style-type: none"> <li>Delivery of LoCASE objectives to support growth sectors through:               <ul style="list-style-type: none"> <li>Collaboration/networking events</li> <li>Workshops on tender writing</li> <li>Meet the buyer event</li> </ul> </li> <li>Delivery of the LEADER programme of rural grants with investment in priority areas such as the forestry and wood sector</li> </ul>	High growth sectors across Kent are being promoted and aware of opportunities for delivery	LoCASE and LEADER programme outputs	2015-2021

#### SF10.2: Maximise opportunities for the rural sector

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Develop an integrated business support package for the rural, low carbon and environmental and goods and services sector	<ul style="list-style-type: none"> <li>Economic Development - KCC</li> <li>Low Carbon Kent</li> </ul>	<ul style="list-style-type: none"> <li>South East Local Enterprise Partnership Rural Group</li> </ul>	<ul style="list-style-type: none"> <li>Local authorities</li> <li>Kent Nature Partnership (KNP)</li> <li>Kent Rural Board Water Task Group</li> </ul>	Delivery of LEADER and LoCASE programmes of business grants	Business funding and support programmes are working together to support sustainable business growth	LoCASE and LEADER programme outputs	

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
		<ul style="list-style-type: none"> <li>Kent Nature Partnership Rural and Green Economy Working group</li> </ul>	<ul style="list-style-type: none"> <li>Kent LEADER action groups:                             <ul style="list-style-type: none"> <li>East Kent Local Action Group</li> <li>West Kent Local Action Group</li> <li>Kent Downs and Marshes Local Action Group</li> </ul> </li> </ul>				
Widely promote Kent's local food and drink offer to key market and raise awareness of sustainable business opportunities.	Produced in Kent – TBC	Kent Nature Partnership (KNP) - TBC	<ul style="list-style-type: none"> <li>Explore Kent</li> <li>Visit Kent</li> <li>Low Carbon Kent</li> <li>Kent &amp; Medway Growth Hub</li> <li>National Health Service</li> <li>Kent Farmers Market Association</li> <li>Action with Communities in Rural Kent (ACRK)</li> <li>National Farmers' Union (NFU)</li> <li>Twining associations</li> </ul>	TBC	TBC	TBC	TBC
Attract increasing levels of investment in to the agri-food sector for Kent to increase food production to meet national targets, now part of a national Government strategy in the 25 year Food Plan.	TBC	TBC	<ul style="list-style-type: none"> <li>Water companies</li> <li>Action with Communities in Rural Kent (ACRK)</li> <li>Agri-research such as East Malling Research (EMR)</li> </ul>	TBC	TBC	TBC	TBC

**SF10.3: Support skills development to facilitate growth**

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Target skills development across priority areas in the land sector, rural economy and community energy	Economic Development (KCC)	TBC	<ul style="list-style-type: none"> <li>Low Carbon Kent</li> <li>Kent Economic Development Officers' Group (KDOG)</li> </ul>	Gap analysis and recommendations	TBC	<ul style="list-style-type: none"> <li>Numbers employed in the land based sector</li> <li>Number of apprentices in the land based sector</li> </ul>	TBC

**SF10.4:** Widely promote the county of Kent as the place for low carbon and environmental businesses

Activity	Lead	Reporting Group	Delivery Partners	Output	Outcome	Measure of success	Timelines
Market Kent as the place for sustainable business by promoting the low carbon sector	Low Carbon Kent		<ul style="list-style-type: none"> <li>Public Health</li> <li>Locate in Kent</li> <li>Further Education colleges</li> <li>Universities</li> <li>Kent &amp; Medway Skills commission</li> <li>Skills and Employability - KCC</li> </ul>	<ul style="list-style-type: none"> <li>Business support website</li> <li>Meet the buyer event</li> <li>Network meetings</li> <li>Healthy Business Awards workshops</li> </ul>	Kent is seen as an attractive investment for businesses		2016-2019