

Appendix M: Monitoring Indicators

Objective	Sub Objective	Possible Indicators	Source
1. To reduce air pollution and encourage improvements in air quality	1.1 Minimise poor air quality and encourage improvements	<ul style="list-style-type: none"> • Concentration of NO2 • Concentration of PM10 • Assessment of AQMAs • Number of respiratory related hospital admissions per 100,000 population 	<ul style="list-style-type: none"> • Air quality action plan • Air Quality Annual Status Report • Authority Monitoring Report (AMR)
	1.2 Minimise and mitigate adverse effects of poor air quality		
	1.3 Support the achievement of air quality improvement objectives within the designated AQMAs		
2. To minimise greenhouse gases that cause climate change and deliver a managed response to its effects	2.1 Minimise greenhouse gas emissions	• Annual greenhouse gas emissions (CO2 levels)	• Office of National Statistics (ONS)
	2.2 Deliver high standards of energy efficiency in new development	<ul style="list-style-type: none"> • Fuel consumption • Development meeting high levels of energy efficiency (e.g.BREEAM excellent rating) 	• ONS
	2.3 Support the use of renewable energies	<ul style="list-style-type: none"> • Planning applications for renewable energies • Renewable Energy sites (installed capacity) 	<ul style="list-style-type: none"> • AMR • ONS
	2.4 Support increased resilience to climate change	• Number of new builds with energy generation capacity	
3. To conserve, connect and enhance biodiversity across the District	3.1 Support the achievement of biodiversity net gain	• Change in amount of biodiversity such as change in area/linear habitat (monitoring requirements may be affected by any new net gain policies by government so this indicator is likely to change)	• AMR
	3.2 Conserve, protect and enhance protected sites in accordance with the protection hierarchy (i.e. international, national or locally designated)	<ul style="list-style-type: none"> • Changes in the areas and composition of protected sites • Percentage of SSSI sites in favourable condition 	<ul style="list-style-type: none"> • Multiple depending the level of protection eg. Natural England, Kent Wildlife Trust, the council (AMR) • Natural England

	3.3 Support improvements to biodiversity in non-designated areas of the District	<ul style="list-style-type: none"> • Changes in the extent or quality of green or blue infrastructure • Achievement of Kent targets, such as within any Biodiversity Strategies • Number of planning applications which incorporate habitat creation/restoration • Amount of ancient woodland in the district • Achievement of no loss or deterioration of key habitats 	<ul style="list-style-type: none"> • AMR or appropriate action plan monitoring (such as Green Infrastructure Strategy)
	3.4 Support improvements to ecological networks including connectivity of habitats		
	3.5 Support species adaptation and migration to reduce impacts of climate change and ensure resilience		
	3.6 Encourage carbon sequestration		
4. To conserve geological sites and safeguard mineral resources within the District	4.1 Aim to protect and prevent damage to geologically important sites, such as RIGS	<ul style="list-style-type: none"> • Planning applications which lead to a net loss or substantial damage to geologically important sites. 	<ul style="list-style-type: none"> • AMR
	4.2 Balance the need for development with safeguarding mineral resources and infrastructure	<ul style="list-style-type: none"> • Any changes to mineral resources or infrastructure 	<ul style="list-style-type: none"> • KCC Local Aggregate Assessment or Annual Monitoring Reports (or future equivalents)
5. To conserve and enhance the landscapes of the District for people and wildlife	5.1 Conserve, protect and enhance protected sites in accordance with the protection hierarchy (ie.international, national or locally designated)	<ul style="list-style-type: none"> • Changes in the areas and composition of protected sites • Achievement of specific landscape targets (e.g. AONB management plan objectives) 	<ul style="list-style-type: none"> • Multiple depending the level of protection eg. Natural England, AONB Management Plan, Kent Wildlife Trust, the council (AMR)
	5.2 Support improvements to existing non-designated landscapes		
6. To protect water resources and ensure a high quality of inland and coastal waters	6.1 Protect and enhance ground and surface water quality	<ul style="list-style-type: none"> • Changes to the Nitrate vulnerable zones or drinking water safeguard zone • Measures in relation to nutrient neutrality at Stodmarsh 	<ul style="list-style-type: none"> • Environment Agency
	6.2 Avoid adverse impacts on coastal waters, fisheries and bathing waters	<ul style="list-style-type: none"> • Changes to water quality/access (South East Marine Plan is likely to identify elements to be monitored for itself which could possibly be utilised for this monitoring) 	<ul style="list-style-type: none"> • AMR or MMO
	6.3 Promote the sustainable and efficient use of water resources	<ul style="list-style-type: none"> • Number of planning applications with Sustainable Drainage Systems • Per capita consumption of water 	<ul style="list-style-type: none"> • AMR • Water companies

7. To reduce the risk of flooding and where appropriate prevent coastal erosion	7.1 Avoid inappropriate development in areas at risk from flooding and coastal erosion	<ul style="list-style-type: none"> • Number of developments within functional flood plain • Number of planning applications with Sustainable Drainage Systems 	<ul style="list-style-type: none"> • AMR or Environment Agency • AMR
	7.2 Support priorities identified within the Isle of Grain to South Foreland Shoreline Management Plan (or subsequent updates or amendments)	<ul style="list-style-type: none"> • Any disparities from the priorities 	<ul style="list-style-type: none"> • AMR or South East Coastal Group
8. To promote sustainable waste management	8.1 Encourage a reduction in the amount of waste generated	<ul style="list-style-type: none"> • Council waste tonnage • Council waste end destination 	<ul style="list-style-type: none"> • Kent Resource Partnership Materials End Destinations Report or AMR
	8.2 Ensure the management of waste is consistent with the waste management hierarchy		
9. To preserve, enhance, promote and capitalise on the significant qualities, fabric, setting and accessibility of the District's historic environment.	9.1 Preserve and enhance designated heritage assets including their setting and contribution to local character and distinctiveness.	<ul style="list-style-type: none"> • National Heritage at Risk register • Local Heritage at Risk register 	<ul style="list-style-type: none"> • Historic England • Canterbury City Council
	9.2 Support improvements to existing non-designated heritage assets.		
	9.3 Aim to promote sustainable access to the historic environment.		
	9.4 Aim to capitalise on the potential of heritage assets to deliver sustainable benefits.		
	9.5 Encourage new developments to contribute to the maintenance and enhancement of the historic character through design, layout and setting.		
10. To ensure the supply of high quality homes, which cater for identified needs	10.1 Promote increased access to affordable housing	<ul style="list-style-type: none"> • Affordable housing granted permission and completed 	<ul style="list-style-type: none"> • AMR
	10.2 Support the timely delivery of market and affordable housing	<ul style="list-style-type: none"> • Housing delivery test 	<ul style="list-style-type: none"> • ONS

	10.3 Support the provision of homes which cater for existing and future residents' needs and the needs of different groups within the community by promoting a mix of new residential development, including, but not limited to, student, care home, gypsy & travellers and self build.	<ul style="list-style-type: none"> • Annual completions • Housing Land Supply and Housing Delivery Test • Number of people on the self-build register 	<ul style="list-style-type: none"> • AMR, Housing Infrastructure Audit or Housing Flow Reconciliation • AMR and Ministry of Housing, Communities & Local Government • AMR
	10.4 Promote an appropriate mix of dwelling types, sizes and tenures	<ul style="list-style-type: none"> • Housing mix permissions and completions 	<ul style="list-style-type: none"> • AMR
	10.5 Promote the reduction in the amount of homelessness within the district	<ul style="list-style-type: none"> • Amount of homelessness within the District 	<ul style="list-style-type: none"> • Housing, Homelessness and Rough Sleeping Strategy
	10.6 Promote high quality design in new housing developments		
11. To promote the sustainable use of land and conserve soil quality	11.1 Encourage the efficient use of previously developed land	<ul style="list-style-type: none"> • Completions on brownfield or greenfield • Number of sites on the Brownfield Register 	<ul style="list-style-type: none"> • AMR • AMR or Brownfield Register
	11.2 Avoid the unnecessary loss of best and most versatile agricultural land	<ul style="list-style-type: none"> • Loss of Grade 1 or 2 agricultural land 	<ul style="list-style-type: none"> • AMR or Natural England
	11.3 Encourage appropriate building densities within developments	<ul style="list-style-type: none"> • Density of large development sites 	<ul style="list-style-type: none"> • AMR
	11.4 Support the reduction in land contamination	<ul style="list-style-type: none"> • Any additions to the Contaminated Land Special Sites 	<ul style="list-style-type: none"> • Environment Agency
12. To achieve a strong and sustainable economy, and revitalise town, local and rural centres	12.1 Support the provision of jobs in the right places to meet the identified employment needs	<ul style="list-style-type: none"> • Job density • Jobs by industry/ occupation • Economic activity 	<ul style="list-style-type: none"> • ONS or Nomis
	12.2 Encourage investment in businesses, people and infrastructure to improve productivity	<ul style="list-style-type: none"> • Employment and retail net completions • Employment land supply table 	<ul style="list-style-type: none"> • AMR
	12.3 Support the vitality and viability of town and city centres		

	12.4 Promote sustainable tourism		
	12.5 Support a safe and attractive night economy		
	12.6 Support a sustainable marine and coastal economy	<ul style="list-style-type: none"> Substantial changes to maine/coastal economy (South East Marine Plan is likely to identify elements to be monitored for itself which could possibly be utilised for this monitoring) 	<ul style="list-style-type: none"> AMR or MMO
	12.7 Support a sustainable rural economy	<ul style="list-style-type: none"> Employment and retail net completions Employment land supply table 	<ul style="list-style-type: none"> AMR
13. To promote and encourage sustainable transport	13.1 Promote consistency with the sustainable transport hierarchy and improvements to support increased use of sustainable transport methods	<ul style="list-style-type: none"> Cycle route counts Train passenger entries and exits Modes of Transport used Park and ride use figures Traffic flow on the 6 key routes into the city Number of electric car charging points 	<ul style="list-style-type: none"> AMR AMR or Office of Rail and Road AMR AMR or Department for Transport
	13.2 Support the reduction in the need to travel		
	13.3 Support the reduction of traffic congestion and improve road safety.		
	13.4 Encourage investment to improve transport infrastructure	<ul style="list-style-type: none"> Works and completion of key infrastructure (ie relief roads) 	<ul style="list-style-type: none"> AMR or appropriate action plan monitoring
14. To promote safe, healthy, inclusive and sustainable communities	14.1 Support equal access and improvements to green and blue infrastructure, the countryside and open spaces including parks.	<ul style="list-style-type: none"> Open Space Strategy Green Infrastructure Strategy 	<ul style="list-style-type: none"> AMR or appropriate action plan monitoring
	14.2 Support equal access and improvements to community and health infrastructure, services and facilities to meet day-to-day needs		
	14.3 Support the delivery of connected communities which maximise social interaction including high quality public realm to create a sense of place		

	14.4 Minimise light and noise pollution		
	14.5 Promote healthy lifestyles including through sport and physical activity	<ul style="list-style-type: none"> • Provision or improvements to sport facilities 	<ul style="list-style-type: none"> • AMR or appropriate action plan monitoring
	14.6 Support the reduction of actual levels of crime	<ul style="list-style-type: none"> • Crime rates 	<ul style="list-style-type: none"> • ONS

