

KENT ENVIRONMENT STRATEGY IMPLEMENTATION PLAN

Monitoring Progress July 2013

Table of Contents

Theme 1 Living within our environmental limits	3
Overall progress toward targets	3
Overall progress toward actions	8
Theme 2 Meeting the climate change challenge	16
Overall Progress toward targets	16
Overall progress toward actions	20
Theme 3 Valuing our natural, historic and living environment	30
Overall progress toward targets	30
Overall progress toward actions	31

Theme 1 Living within our environmental limits

There are a number of targets set out in the Kent Environment Strategy and Climate Local Kent that are there to help monitor progress and drive forward the core themes of the Strategy. The following pages give an overview of progress toward KES and CLK targets, and the individual actions that have contributed toward the delivery of Theme 1.

Targets set for Theme 1, from Climate Local Kent and the Kent Environment Strategy and are reviewed first. Actions, and progress toward individual sub-actions are then listed within an overall progress rating of red, amber or green; this is based on the overall status and progress of individual sub-actions.

Overall the progress rating for Theme 1 is amber with a number of actions and sub-actions on track or completed. However, there are delivery issues for actions around planning in particular, which is to be expected with the national reviews underway on housing standards and the implementation of the NPPF. It is anticipated that that activity will increase once these national policies and guidance and clarified.

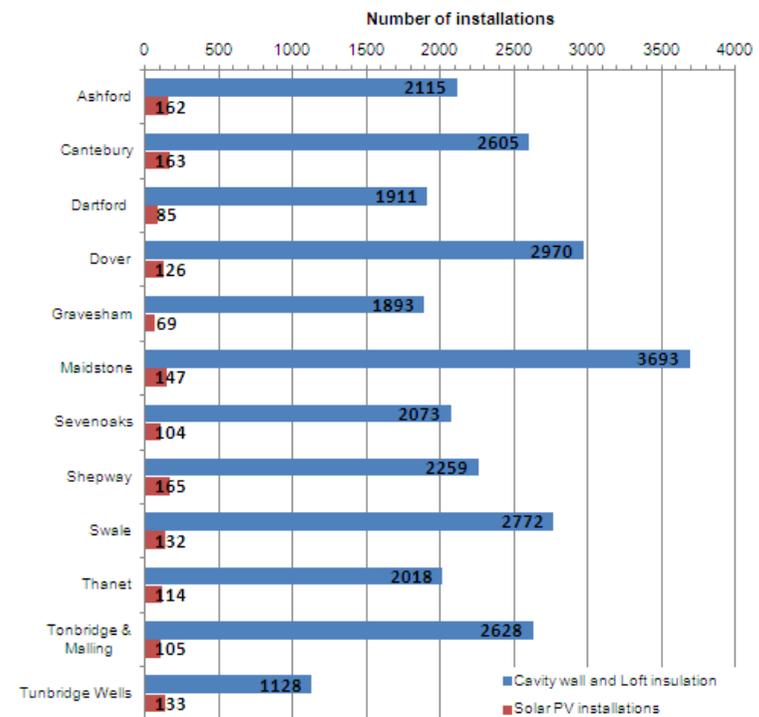
In addition, as the first round of full monitoring for the new implementation plan it has been highlighted that as well as significant activity across the theme, there are a number of gaps and updates and these will be used as a basis for a light touch review of activity and the plan ready for the next monitoring round in January 2014.

Overall progress toward targets

- **We will work with our ECO pilot areas to retrofit 1,200 homes by December 2014 and bring in £12m to Kent through the ECO by 2015 (this aligns to Action EF1.1 and Climate Local Kent)**

Work is just beginning on the ground through ECO Warm Homes and so no domestic properties can be reported on for this period.

However, the DECC provide data on the numbers of homes that have had cavity wall and loft insulations from 2008 to 2013 and numbers of domestic installations of solar photovoltaic (PV) panels from 2010 to 2013; both of which can provide us with an idea of the current status of retrofit projects across the county. In addition, in July 2012 DECC issued guidance English Energy Conservation Authorities (ECAs), pursuant to the Home Energy Conservation Act 1995. Local authorities

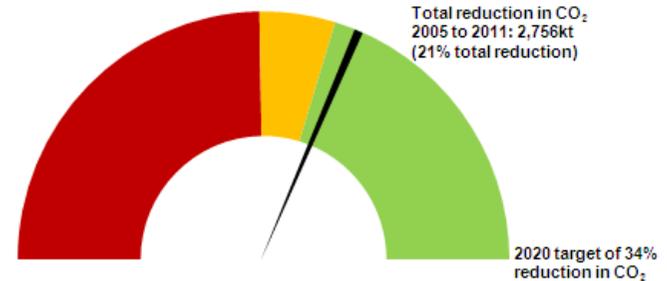


are now required to provide DECC with a HECA Further Report and subsequent biennial HECA Progress Report.

Using data available from DECC, 28,065 homes received cavity wall and loft insulations in Kent during 2012/2013, and over 1,505 homes received solar PV installations. At the time of this report nine local authority HECA reports were available on websites but not all have reported on the current numbers of properties that have had retrofitting measures, and so this will be reported on for the next period.

- **We will support activity to reduce water consumption in Kent from 160 to 140 litres per person per day by 2016 (this aligns to Actions EF1.1, EF2.1 and Climate Local Kent)**

The years 2007 to 2011 saw the per capita consumption of water for Kent and Medway at 160 litres. The per capita data were reported in a summary report titled “The State of Water in Kent”, produced by the Environment Agency and available on kent.gov.uk. Currently no new data have been acquired but this will be available for the next period of reporting.

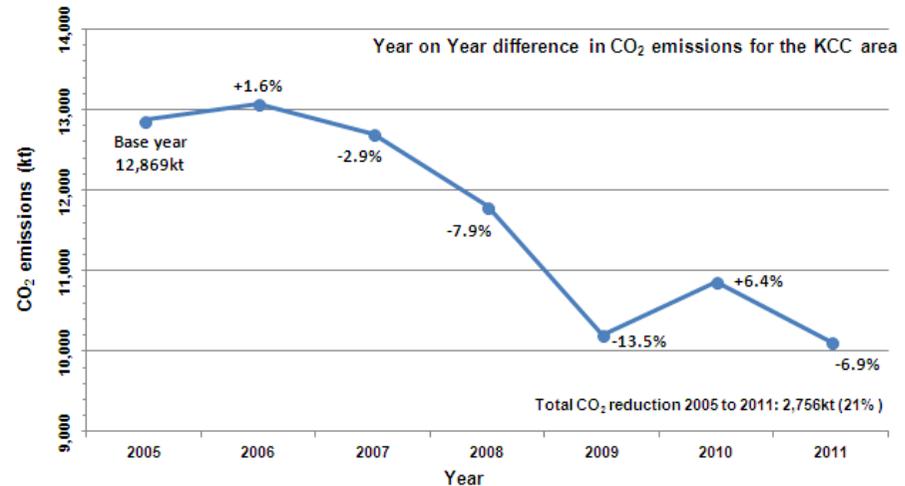


- **We will work towards a 34% reduction in emissions by 2020, which is a 2.6% reduction per year (aligns to Actions EF1.3 and Climate Local Kent)**

Estimates on emissions of carbon dioxide (CO₂) across local authority areas are available from the DECC for 2005 to 2011, it is these data that have been used to assess progress toward the reduction target. Data at a local level is not consistent for years previous to 2005 and so is not provided by DECC; 2005 has been used as the baseline year for this report.

Across the KCC area overall CO₂ emissions have shown a reduction of 21% (2,756kt) since 2005. With the exception of 2006 and 2010, year on year emissions have met our target reduction of 2.6% or more.

2011 estimates show that the largest proportion of CO₂ emissions are attributable to the Industrial and Commercial sector (40%) followed by the Transport (34%) and Domestic (28%) sectors. DECC divides the data set into sectors, which are listed below:



Source data: DECC Official Statistics - Local Authority CO₂ emissions

Industrial and Commercial sector

These data are dominated by industrial and commercial electricity consumption.

In 2011 the Industrial and Commercial sector in the KCC area produced 4,012kt of CO₂ which is a 373kt (8.5%) reduction on the previous year. Since 2008 this sector has seen the largest reduction in emissions, over 1,900kt, the largest reduction is seen from Gravesham with a difference of 380kt (66%). However, during this period some local authorities, such as Gravesham and Dartford saw old industrial sites/machinery removed, demolished or redeveloped which may explain the large reduction. Dover and Swale also saw relatively high reductions in CO₂ during 2008-2009 of 201kt (52%) and 177kt (16%) respectively.

Transport sector

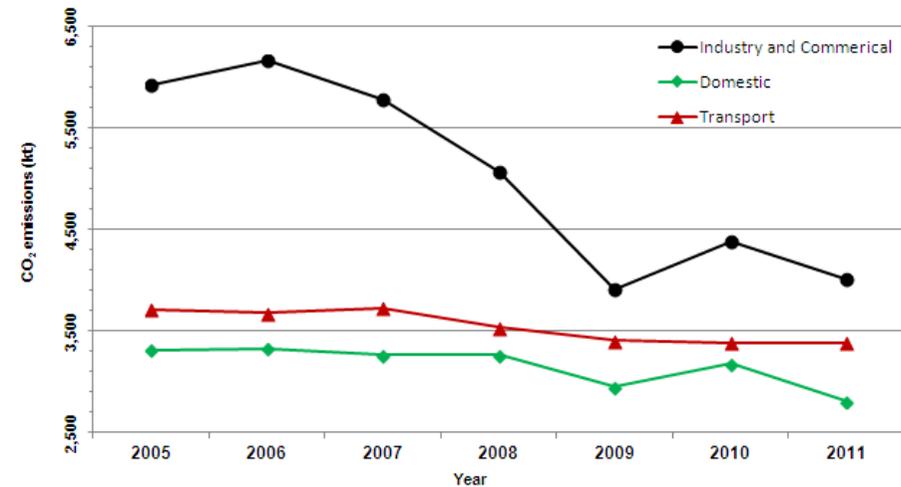
These data include freight and passenger transport, both private and for business purposes. The estimates are made on the basis of the distribution of traffic, therefore some of the emissions within an authority represent through traffic, or part of trips into or out of the area whether by residents or non-residents.

There was a small increase in CO₂ emissions from the transport sector in 2011 of 2.95kt (<1% increase) compared to 2010 levels; this however follows a consecutive three years of reductions in emissions. On a district level the highest transport emissions for 2011 are for Sevenoaks (521kt) followed by Tonbridge and Malling (431kt) and Maidstone (412kt). All other districts are under 350kt.

Domestic sector

These include emissions from energy consumption in and around the home. They do not include activities by private individuals such as personal travel.

Domestic emissions in Kent for 2011 showed a reduction of 370kt (12%) from the previous year where emissions were 3,178kt. Overall emissions since 2005 have shown a decreasing trend, however in 2010 there was an increase of 7% from 2,951kt in 2009 to 3,178kt in 2010. This trend of a rise and then a subsequent reduction in emissions is replicated across all local authorities in Kent and across the UK. DECC suggest that this has resulted mainly from a reduction in the use of natural gas. Domestic emissions are also influenced by external temperatures, and 2011 was, on average, warmer than 2010. This caused a decrease in demand for space heating in 2011, which resulted in a decrease in emissions from domestic gas use.



Source data: DECC Official Statistics - Local Authority CO₂ emissions

- **New finance and funding developed as appropriate with relation to energy efficiency and renewable energy across KCC corporate estates (*this aligns to Action EF1.3*)**
A paper is going to be developed part of which will look at identifying main funding opportunities.
- **Travel plans developed where applicable (*this aligns to Action EF1.3*)**
Travel plans are required to be produced by all developments that generate significant amounts of movement according to the National Planning Framework (NPPF).
- **Local air quality targets (*these align to Theme 1 Action EF2.2 and Theme 2 CC5.2*)**
To date (end of July 2013), local air quality targets are reported to have been met. There are some exceptions with NO₂ and ground level O₃; these are summarised separately below. Actions to support improving air quality are throughout the implementation plan, sustainable transport activities for example.

Location	Measure	Reason for failure
Canterbury	O ₃	Daily maximum 8-hour running mean > 100 µgm-3 on more than 10 days: 32
Dartford Bean interchange roadside	NO ₂	Annual Mean > 40 µgm-3: 51
Dartford St Clements Roadside	NO ₂	Annual Mean > 40 µgm-3: 51
Dartford Town Centre Roadside	NO ₂	Annual Mean > 40 µgm-3: 55
Dartford Town Centre Roadside	NO ₂	Hourly Mean > 200 µgm-3 for more than 18 times per year: 91
Maidstone A229 Kerbside	NO ₂	Annual Mean > 40 µgm-3: 46
Maidstone Rural	O ₃	Daily maximum 8-hour running mean > 100 µgm-3 on more than 10 days: 13
Rochester Stoke	O ₃	Daily maximum 8-hour running mean > 100 µgm-3 on more than 10 days: 16
Tonbridge Roadside	NO ₂	Annual Mean > 40 µgm-3: 47
Tonbridge Wells	NO ₂	Annual Mean > 40 µgm-3: 44

Source of data: <http://www.kentair.org.uk/>

- **Supply chain opportunities identified and communicated to SME sector (*this aligns to Action EF3.1*)**
To be reported on for the next period.

- **Targeted business support programme developed and implemented where appropriate (*this aligns to Action EF3.1*)**
Relating to maximising the use of materials from waste streams, studies have been undertaken by the South East 7 (SE7) and proposals are being developed to build on identified opportunities for business.
- **Reduction in food waste (*this aligns to Action EF3.2*)**
To be reported on for the next period.
- **Increase in food and drink sector in Kent (*this aligns to Action EF3.2*)**
This is the first year of reporting on this target, currently a baseline of business associated with the production and manufacture of food products and beverages is estimated to be 1,400 across Kent.
- **Increased resident awareness of use of packaging food products (*this aligns to Action EF3.2*)**
To be confirmed
- **Reduction in carbon emissions and cost savings from public sector estate (*this aligns to Action EF4.1*)**
These will be reporting on during the next period.
- **Procurement policy and processes incorporate key sustainability issues and learning is shared widely (*this aligns to Action EF4.1*)**
To be reported on for the next period.
- **We will engage 500 SME across Kent in delivery of energy, waste and cost savings and support them to building resilience to a changing climate by 2014 (*this aligns to Action EF4.1*)**
1,270 businesses are registered on the Low Carbon Kent business network, and since September 2012 162 businesses have received targeted support, guidance and/or advice on how they can save energy and waste and ultimately cut down on costs.
- **Action plan developed and targets in place for delivery relating to food security (*this aligns to Action EF4.2*)**
In progress

Overall progress toward actions

EF1.1: We will simplify the energy and water efficiency support landscape for Kent residents and support development of and access to, finance mechanisms such as the Green Deal and Energy Company Obligation (ECO)

Action	Progress	RAG
Establish Kent and Medway Green Deal Partnership (KMGDP)	<ul style="list-style-type: none"> • The KMGDP has met twice this year and will meet three times a year. • Kent County Council, as a Partner within the KMGDP, were successful in acquiring DECC funding to offer and complete 159 free Green Deal assessments, two Energy Champion training courses, and through an online survey to assess the appetite from business for the Green Deal. • Enterprise has been contracted as a provider for the Energy Company Obligation (ECO) funding. Together with KCC, Enterprise held a meet the buyer event in April to inform and encourage SMEs to get involved on local delivery. • The Partnership has decided that the best way forward for a Green Deal provider is to wait for the market to become more established. 	AMBER
Develop a KMGDP Action Plan	<ul style="list-style-type: none"> • Complete 	
Review Kent housing data to establish potential for area based, street-by-street projects.	<ul style="list-style-type: none"> • There is a continuing review of Kent housing stock. 	
Procure an ECO funding provider and deliver ECO projects	<ul style="list-style-type: none"> • Enterprise has been contracted as the provider. • Delivery of ECO projects is in progress (see other actions) 	
Deliver consistent messages for Kent residents around retrofitting through Warm Homes	<ul style="list-style-type: none"> • Warm Homes look and feel design complete. • Approach to communications agreed across Partners 	
Develop a network of local accredited SMEs to install measures and assess properties for Green Deal and ECO.	<ul style="list-style-type: none"> • The sustainable business team within Kent County Council maintain an active register of Kent SMEs online and through LinkedIn. • The feasibility of providing small grants is being looked into to support SMEs to become Green Deal accredited installers. • 231 Green Deal accredited Kent businesses are registered on the Green Deal Oversight and Registry Body (Green Deal ORB). Of these businesses 173 are certified Green Deal installers and 58 are accredited Green Deal assessors. 	
Procure or partner a Green Deal Funding Provider depending on the best offer for	<ul style="list-style-type: none"> • To be discussed at the next KMGDP meeting in September. • Options appraisal for approach completed. 	

Action	Progress	RAG
Kent residents.		AMBER
Involve water companies in the KMGDP and ECO pilots (behavioural messages and small measures)	<ul style="list-style-type: none"> Water companies are on the KMGDP but more action is needed. 	
Review potential for non-domestic properties, e.g., non-residential domiciliary provision.	<ul style="list-style-type: none"> Three community buildings have been retrofitted. A review is still needed once the process is clarified. 	

EF1.2: We will ensure that new public buildings are water and energy efficient and incorporate resilience to severe weather and climate change into building design where practical and viable to do so.

Action	Progress	RAG
Incorporate public buildings into Kent Design and identify standards for water and energy efficiency.	<ul style="list-style-type: none"> An initial brief for this work is in progress but future development of Kent Design is still unclear. There is a project looking into sustainability and design over the coming months. 	AMBER

EF1.3: We will maximise climate resilience, energy and water efficiency of existing public sector capital assets through rationalisation and retrofit.

Action	Progress	RAG
Share learning and undertake a quarterly review of opportunities for maximising energy and water efficiency and building resilience in the public sector estate.	<ul style="list-style-type: none"> An initial brief for this work is in progress. 	AMBER
Facilitate access to finance and funding and developing new mechanisms where needed.	<ul style="list-style-type: none"> A paper is going to be developed which looks at strategic investment in energy efficiency and renewable energy across corporate estate, and identifies the main funding opportunities. In addition a report on opportunities for joint procurement of renewable energy technologies across the public sector is being developed and will be reported on in the next round. 	

Action	Progress	RAG
Public sector efficiency improvements	<ul style="list-style-type: none"> • There is an ongoing programme of investment in energy efficiency projects corporate, school buildings and street lighting across KCC. This work also includes collation of corporate estate water data, which will assist in targeted improvements where consumption is higher than good practice. • A business case for a biomass pilot has been developed for five schools and two corporate buildings – the next phase of work will aim to progress this from procurement through to competition. • Other public sector estate improvements will be fully reported on in the next round when all GHG reports are made available although some examples are showcased in Climate Local Kent: One Year On (on kent.gov.uk) 	RAG
Review opportunities from the RHI and FITs.	<ul style="list-style-type: none"> • To be completed 	

EF2.1: Help the public and business sector respond to the opportunities and challenges of the national planning policy framework (NPPF) to ensure that new developments are resource efficient, with low running costs.

Action	Progress	RAG
Incorporate sustainability and climate change into the review and update of Kent Design to support the NPPF sustainability policies and the outcomes of the Housing Standards review.	<ul style="list-style-type: none"> • No progress. • Over the next period the planned tasks are: <ul style="list-style-type: none"> ○ Review outputs of Lord Taylor’s review and new climate change guidance once released; ○ Review and incorporate sustainability and climate change into the successor to Kent Design including clear references and materials; ○ Develop a training module to support materials; ○ Develop consistent complementary guidance as to the best way forward for the duty to cooperate in relation to sustainability. 	AMBER
Facilitate discussions between public and private sector to develop	<ul style="list-style-type: none"> • More action required however all local plans and/or core 	

Action	Progress	RAG
a consistent and pragmatic approach to achieving resource efficiencies.	strategies incorporate text on requirements for minimising energy and water consumption, restrictions on development in flood risk areas and of high conservation value and most require investigating renewable energy technologies. Seven out of 12 incorporate sustainable transport but this is likely to increase as more local plans are agreed.	AMBER
Undertake Health Impact Assessments (HIAs) for new developments to ensure that issues such as impact of transport infrastructure on sustainability and co-benefits on lifestyles such as physical activity and mental health are addressed.	<ul style="list-style-type: none"> • Economic, social and environmental factors are considered in all planning and commissioning to ensure that new developments, or regeneration projects, improve and protect the health and wellbeing of the population. An example is Sherwood Neighbourhood Community Budget project which undertook a Mental Health Impact Assessment, and will also undertake a full Health Impact Assessment • We will be reviewing further activity to deliver a consistent approach to sustainability over the next period. 	

EF2.2: Ensure that 'smart mobility', including easy access to local services, public transport and broadband is at the core of all new developments, where feasible, to improve air quality, reduce congestion and improve marketability.

Action	Progress	RAG
Develop guidance and update Kent Design to include recommendations from the Integrated Transport Strategy and supporting delivery of Growth without Gridlock	<ul style="list-style-type: none"> • A review of this action is planned for the next period (see Action 2.1). 	AMBER
Ensure that smart mobility is fully integrated within the development planning process, working collaboratively with developers to maximise opportunities for walking, cycling, public transport and other sustainable choices.	<ul style="list-style-type: none"> • Travel plans are required to be produced by all developments that generate significant amounts of movement according to the National Planning Framework (NPPF). 	
Improve integration between Highways and Transportation and Public Health to ensure that active travel and smart mobility is integral to scheme design.	<ul style="list-style-type: none"> • A review of new development proposals and local plans is planned to be undertaken over the next period. 	
Where feasible, future proof new developments for climate	<ul style="list-style-type: none"> • Energy efficiency of buildings is considered in all new 	

Action	Progress	RAG
resilience and new technologies (e.g., flooding, electric vehicles etc.)	<p>developments, all new developments must mitigate against the risk of flooding. Electric vehicle charging infrastructure is not necessarily explicit in local plans.</p> <ul style="list-style-type: none"> • A recent public consultation has ended on Sevenoaks District Council's Allocations and Development Management Plan (ADMP). This includes requirements that new developments include infrastructure that complements modern information technology needs, and restricts the need for future retrofitting. The plan is scheduled to be adopted over the next six months. 	

EF3.1: Maximise the use and value of materials in the waste stream and create opportunities to contribute to the green economy across the South East Seven (SE7) area

Action	Progress	RAG
<p>Working with SE7 assess the opportunities within the waste sector:</p> <ul style="list-style-type: none"> - Ascertain economic potential of waste resources; - Assess supply and demand; - Investigate reuse/recycling networks for SMEs. 	<ul style="list-style-type: none"> • Studies have been conducted by SE7 to understand the volume and types of waste produced across the South East 7 area, which includes Kent. • Research into the value of recovered materials has also been conducted with the aim of understanding where the biggest value is. • Proposals are being developed that aim to build up the capacity of the reuse sector. 	AMBER

EF3.2: Reduce food waste across the county

Action	Progress	RAG
Roll out the Minimise Food Waste campaign in Kent	<ul style="list-style-type: none"> • As of March 2013, all 13 local authorities in Kent adopted a policy to introduce weekly food waste collections. Seven councils plan on introducing these collections by December 2013. 	GREEN
Champion and support the growth, development and future of the food and drink sector in Kent through marketing and promotion of local and seasonal produce	<ul style="list-style-type: none"> • An annual review of the number of businesses within the production of food and beverages in Kent will be undertaken in the next period. Currently it is estimated that over 1400 businesses are in Kent that are within the production of food and 	

Action	Progress	RAG
Implement the 'Fresher for Longer' campaign in Kent, launching in Tunbridge Wells	<p>drink.</p> <ul style="list-style-type: none"> • This campaign was launched in Tunbridge Wells and Parliament on 5th March 2013. The Kent Resource Partnership (KRP) and Marks & Spencer plc. are now to develop the campaign in Kent for the 2013/2014 period. • The key message of the campaign is the correct use of food packaging within the home, therefore allowing for longer life of food produce. 	

EF4.1: Use public sector purchasing power to support and drive change where a clear business case exists (link to EF 3.2; CC 7.1)

Action	Progress	RAG
Undertake a review of potential opportunities for KCC and Kent to install emerging energy efficiency and renewable energy Technologies	<ul style="list-style-type: none"> • Complete 	<p style="text-align: center;">AMBER</p>
Mainstream environmental considerations into public procurement in the public sector in Kent	<ul style="list-style-type: none"> • No progress 	
Provide sustainable business advice to the public sector supply chain assisting them to make savings and identify their environmental impacts and take action to reduce it e.g. South East Business Carbon Hub (ended 2012), Low Carbon Kent Business Network (2013 - 2014) and STEM	<ul style="list-style-type: none"> • The Southeast Carbon Hub has been re-launched as the Low Carbon Kent business network, currently with 1,270 businesses – 181 businesses joined between January and June 2013. • Sustainable business advice to 38 businesses has been provided in the form of Steps to Environmental Management (STEM) workshops. A further 93 businesses have been supported through raising awareness of Green Deal and a further 61 businesses have been supported to understand the opportunities to deliver the ECO in Kent and Medway. • We have also run 2 workshops on the opportunities for businesses in the offshore wind market and have offered our businesses training for business resilience. • A number of STEM workshops are planned until the end of the year, as well as Green Business conference to be held on November 19th 2013. The event will provide networking opportunities and inform businesses on new technologies and services to reduce energy waste and water costs. 	

EF4.2: Identify the key risks to food security in Kent focussing on rapid growth in water demand within the Kent horticulture and agriculture sector in the first instance.

Action	Progress	RAG
Prepare a baseline on trends in water use for the sector	<ul style="list-style-type: none"> • A baseline report was produced jointly with UK Water Industry Research (UKWIR) in June 2013. It examines past records of water use and assesses future climate change impacts. 	GREEN
Develop an action plan to <ul style="list-style-type: none"> - Optimise agricultural/ horticultural output per unit of water - Establish secure and resilient water supplies - Enhance the local aquatic environment - Develop a stronger evidence base and establish clear targets 	<ul style="list-style-type: none"> • A draft action plan was agreed by the Kent Rural Board Water Task Group in June 2013. A meeting will be held in November to finalise the plan and sign off on the plan. • A detailed survey of irrigation practices is currently being prepared which will provide stronger evidence and allow clear targets to be set. 	
Engage local businesses and key organisations to raise awareness	<ul style="list-style-type: none"> • This will be implemented in 2014 on completion of the survey of irrigation practices. 	

Theme 2 Meeting the climate change challenge

There are a number of targets set out in the Kent Environment Strategy and Climate Local Kent that are there to help monitor progress and drive forward the core themes of the Strategy. The following pages give an overview of progress toward KES and CLK targets, and the individual actions that have contributed toward the delivery of Theme 2.

Targets set for Theme 2, from Climate Local Kent and the Kent Environment Strategy and are reviewed first. Actions, and progress toward individual sub-actions are then listed within an overall progress rating of red, amber or green; this is based on the overall status and progress of individual sub-actions.

Overall the progress rating for Theme 2 is amber with a number of actions and sub-actions on track or completed.

In addition, as the first round of full monitoring for the new implementation plan it has been highlighted that as well as significant activity across the theme, there are a number of gaps and updates and these will be used as a basis for a light touch review of activity and the plan ready for the next monitoring round in January 2014.

Overall Progress toward targets

- **Climate Local Kent commitment signed (*this aligns to Action CC5.1*)**
Yes this was signed in September 2012 and was launched at the Kent Environment Strategy in the same month.
- **Annual monitoring of the Kent Environment Strategy (*this aligns to Action CC5.1*)**
First annual reporting in progress
- **Reduce business miles by 15% (*this aligns to Action CC5.2*)**
These data will be available from local authority green house gas reporting, for which only two are currently available. These data will be reported on in the next period.
- **Local air quality targets (*this aligns to Action CC5.2 and Theme 1 Action EF2.2*)**
These targets are reported on in Theme 1

- **Successful grant applications for electric vehicle charging points leading to the proportion of electric and alternative fuelled vehicles in Kent being above comparable local authority areas elsewhere in the UK (*this aligns to Action CC5.2*)**

KCC has been successful in winning a grant of £237,000 for 2013/2014 period and a further £36,000 for 2014/2015 to provide 75% of the costs to install electric and hybrid vehicle points.

- **Resource study complete (*this aligns to Action CC5.3*)**

A study which identifies the current renewable energy capacity of Kent was completed by AECOM in April 2012. The study was used to draw up the Kent Renewable Energy Action Plan (REAP) which is nearing completion. The study was used as the basis for the CLK renewable energy target, which aims for a 10% increase in renewable energy deployment by 2020.

- **Renewable Energy Action plan completed by June 2013 (*this aligns to Action CC5.3*)**

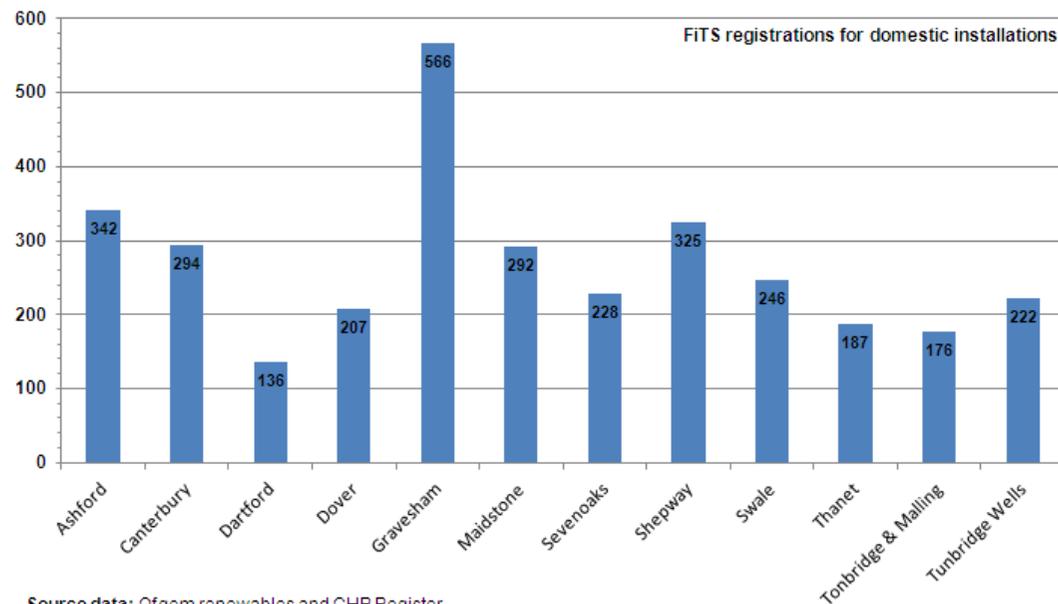
The Renewable Energy Action Plan was completed in August 2013.

- **We will increase renewable energy deployment in Kent by 10% by 2020 (*this aligns to Action CC5.3*)**

Currently a review is being undertaken to assess the best way to measure the growth of the renewable energy capacity in Kent through numbers of new installations. One method identified is to use Feed-in-Tariffs (FiTs), with other sources of data being considered. The data currently collated for 2012 through to 2013 will serve as a set of baseline data. The target of a 10% increase has been derived after reviewing a report produced by AECOM on the capacity of renewable energy in Kent, excluding marine renewables. The report estimated that Kent currently produces 640GWh of renewable energy annually (as of April 2012).

FiTs records installations for the domestic, commercial, industrial and community sector, and also breaks these data down into technology types: anaerobic digestion, hydroelectric, micro CHP, other, photovoltaic and wind.

The majority of FiTs registrations for 2012/2013 are for the domestic sector, some 96% (3,221) of the registrations across the KCC area (3,339). The chart shows that the highest number of FiT registrations is for Gravesham (568) followed by Ashford (342) and Shepway (325). All other local authority areas are for less than 300 registrations; the majority of which are for solar photovoltaics (PV). Numbers of FiTs



Source data: Ofgem renewables and CHP Register

registrations for the commercial, industrial and community sectors are much smaller. Industrial and community FiT numbers are four and 18 respectively. A relatively higher number exist for the commercial sector, 101. As with the domestic sector the majority of installations for the commercial and community sector, and all for the industrial sector are for solar PV. The total installed capacity of these installations is recorded as 14.58 MW.

- **Key policies and strategies incorporate resilience to climate change e.g. Joint Strategic Needs Assessment and Health and Wellbeing Strategy (*this aligns to Action CC6.1*)**
This is in progress
- **Representation from across the public and private sector and other key stakeholders on SWIMS (*this aligns to Action CC6.1*)**
Private sector, and further public sector, representation from key frontline services and emergency responders is being reviewed and identified through the recommendations of the Kent Resilience Forum, KCC senior management teams and other contacts.
- **We will support communities in preparing for climate change through the development of 15 community resilience plans in areas most at risk or with sufficient opportunities (*this aligns to Action CC6.2 and Climate Local Kent*)**
This relates to Coastal Communities 2150 (CC2150) through which three priority areas have been engaging with KCC through events and workshops. Information from the events will be used to inform on drafting of a resilience plan for each of the communities in the priority areas.
- **Actions embedded within local plans as appropriate (*this aligns to Action CC6.2*)**
This relates to the development of community resilience plans - to be completed.
- **Report and risk assessment produced (*this aligns to Action CC6.3*)**
Relating to the Water Resilience Framework for Kent, URS have been commissioned to undertake a spatial risk assessment of the risks to water systems in Kent from climate change, population and land use change; results to be reported in October 2013.
- **Water resilience plans developed for priority water management units (*this aligns to Action CC6.3*)**
To be reported on next period after completion of the URS spatial risk assessment.
- **Business opportunities identified (*this aligns to Action CC6.3*)**
To be reported on next period after completion of the URS spatial risk assessment.
- **4814 homes will be moved out of any flood probability category to a lower probability category by 2016 (*this aligns to Action CC6.4 and Climate Local Kent*)**
This is on track with an additional project this year to deliver a further 789 properties.

- **Surface Water Management Plans developed (*this aligns to Action CC6.4*)**
Work has begun on surface water management plans for Folkestone and Margate towns, these form actions within the Local Flood Risk Management Strategy.
- **Uptake of Sustainable Drainage Systems - SuDS (*this aligns to Action CC6.4*)**
In progress – KCC is working with partners across the southeast.
- **We will work to support an increase jobs within the Low Carbon and Environmental Goods Sector (LCEGS) by 10% by 2020 (*this aligns to Action CC6.5 and Climate Local Kent*)**
A study by Regeneris Economic Development Consultancy reported on the current numbers of jobs within the low carbon and environmental goods and services (LCEGS) sector in Kent, and opportunities for growth within that sector. Using the study as a baseline, the numbers of jobs within the LCEGS will be reanalysed once the appropriate data is available at the end of September 2013; these data will be reported on for the next period.
- **We will engage with 150 local SMEs interested in being involved in Green Deal/ ECO and support these to be Green Deal ready (*this aligns to Actions CC6.5*)**
The process for SMEs to join Amey's (Enterprise) supply chain has been agreed and a meet the buyer event (MTB) held. Although no SME's have currently completed the process we anticipate more to be reported on next period.

Overall progress toward actions

CC5.1: Development of a 'Low Carbon Framework for Kent' where the public sector leads by example by cutting emissions from its buildings, activities and services.

Action	Progress	RAG
<ul style="list-style-type: none"> Develop Climate Local Kent as part of the national Climate Local programme and ratify across Kent partners Establish clear, measurable targets for Climate Local Kent to support the delivery of the Kent Environment Strategy 	<ul style="list-style-type: none"> Climate Local Kent, which is composed of 11 targets, has been agreed across Kent partners and was launched at the Kent Environment Strategy (KES) conference in September 2012. The targets have been developed so as to align with the KES. 	GREEN
Widely communicate an annual review of progress aligned with Kent Environment Strategy Monitoring	<ul style="list-style-type: none"> A review of the CLK targets will be done annually and reported on Kent County Council's website. The first reporting period is October 2013. 	

CC5.2: Keep traffic moving and reduce the need to travel through encouraging and enabling smarter working and sustainable travel choices.

Action	Progress	RAG
Pro-actively support the development of high quality walking, cycling and public transport routes through the Local Sustainable Transport Fund, Local Transport Plan and Growth Without Gridlock	<ul style="list-style-type: none"> Monitoring of business miles across Kent will be based on District GHG Reporting. Currently only two district reports are available and so these will be reported on at the next period. In KCC over the 2012/2013 period there was a reduction of over 9% in business miles compared to the previous 2011/2012 period. A proposal has been developed to implement a car/hire pool system in KCC. A review is planned for the next period that will look at the Local sustainable transport fund deliverables, which will contribute towards the action on fuel sources. 	AMBER
Review of gas fuel infrastructure and potential for anaerobic digestion as a fuel source. Participate in further bidding opportunities to support smart mobility and greener travel choices e.g. OLEV Electric Vehicle infrastructure grants and Better Bus Area Fund	<ul style="list-style-type: none"> Kent partners will receive £237,000 for the 2013/2014 period and another £36,000 for 2014/2015 to provide 75% of the costs of installing electric and hybrid vehicle points. Dartford Borough Council was successful in bidding for £125,000. The South East Coast Ambulance service (SECamb) also secured funding with £60,000 for this year and £37,500 the 	

Action	Progress	RAG
	<p>following year.</p> <ul style="list-style-type: none"> • There is currently no progress on anaerobic digestion. 	
Establish a network of electric charging points in Kent	<ul style="list-style-type: none"> • EST carried out a review of EV charging points across whole estate for KCC and other local authorities have also implemented charging points including Canterbury City Council at park and ride sites • Kent partners are working together to establish further opportunities for EV charging 	
Increase use of tele- and video conferencing facilities	<ul style="list-style-type: none"> • KCC is currently awaiting the roll out of a unified communications system which will allow all members of staff to use tele- and video conferencing from each computer workstation. • Further public sector reporting will be picked up in the next round once GHG reports are available 	
Develop policies for staff commuting	<ul style="list-style-type: none"> • No action to date although under review 	
Ensure that the 'Doing Things Differently' programme of works address sustainable transport and enable smarter working	<ul style="list-style-type: none"> • Doing Things Differently will require more flexible and remote working. Services are aligning people to local clients to help reduce or avoid car travel. 	
Delivery of Cycling Strategies in Kent	<ul style="list-style-type: none"> • Ongoing 	

CC5.3: Develop and deliver a Kent Renewable Energy Action Plan to address the main resources and opportunities for Kent including wind and biomass, community energy, skills and jobs and public sector deployment.

Action	Progress	RAG
Review Kent's renewable energy Resource	<ul style="list-style-type: none"> • A study was carried out in 2012 by AECOM on the current renewable energy capacity of Kent; this excluded Marine renewables for which a separate report was produced by KCC. 	GREEN
Develop a renewable energy action plan for Kent	<ul style="list-style-type: none"> • A renewable energy action plan for Kent has been developed. Leads have been agreed for all work packages. . • Review monitoring of plan to align to the Kent Environment Strategy (KES). 	
Deliver the renewable energy action plan for Kent focussing on community energy, skills and jobs, public sector deployment and technologies with the biggest potential for Kent	<ul style="list-style-type: none"> • The renewable energy plan was adopted in August 2013. • A new piece of work is being developed around Community Energy in Kent. This work will build on existing energy 	

Action	Progress	RAG
	<p>developments in the Kent community and assist new communities to install their preferred renewable energy systems. The proposed projects so far include a low head hydro scheme on an old mill site, a small heat network based on biomass, and solar PV on community buildings.</p> <ul style="list-style-type: none"> • There is also ongoing work looking at community funding availability for all stages of the renewable energy projects. A small scoping exercise has been undertaken to understand the funding opportunities that exist for community energy schemes. 	

CC6.1: We will ensure that resilience to climate change and severe weather is addressed across public sector strategies and policies and support the business case for adaptation actions through effective monitoring of the impacts of severe weather

Action	Progress	RAG
<p>Ensure that resilience to climate change and severe weather is integrated into strategies and policies within the Health and Wellbeing sector and priority actions are carried out, commencing with building resilience for vulnerable groups</p>	<ul style="list-style-type: none"> • Resilience to climate change has been written into the needs of the Joint Strategic Needs Assessment (JSNA). A steering group has been set up to direct sustainability inclusion into the JSNA. Draft sections have been written by all leads. • Planned for by November, the chapter on resilience to climate change for the JSNA will be completed. A paper will be taken to the Health and Wellbeing Board for inclusion into the JSNA. 	AMBER
<p>Resilience to climate change to be considered in key strategies and planning</p>	<ul style="list-style-type: none"> • See action above 	
<p>We will review all services not incorporated in the first round of the Kent Adaptation Action Plan development to ensure risks are monitored and accurately assessed</p>	<ul style="list-style-type: none"> • Refreshed climate risk resources available to KCC staff and some briefing sessions have been held. Several more services have completed a climate risk review and developed a draft plan. • A risk assessment has been completed identifying effects from severe weather and climate-related health impacts on categories of social care provision. The risk assessment identifies threats, risks and short and medium term opportunities. <p>Over the next period the planned tasks are:</p> <ul style="list-style-type: none"> • Revisit priority services in KCC to confirm adaptation action eg 	

Action	Progress	RAG
	<p>Highways, Waste and Property</p> <ul style="list-style-type: none"> • Ensure action plans are peer reviewed by relevant business continuity managers • SWIMS likely to be extended to more customer facing services in Customer & Communities Directorate • Annual review of the Families & Social Care climate change risk assessment, actions completed and programmes of work contributing the identified threats, risks and short and medium term opportunities. 	
<p>We will review sign up to Kent’s Severe Weather Impacts Monitoring System (SWIMS) across public and private sector and integrate learning into our planning</p>	<ul style="list-style-type: none"> • A review of current representation was undertaken as part of the severe weather report, including planned actions to review and increase sign up 	
<p>We will increase sign up to SWIMS across public and private sectors to support the development of a clear business case for resilience in Kent</p>	<ul style="list-style-type: none"> • Sign up has increased over the last 6 months and 56 public sector services are currently registered on SWIMS, including 10 of 12 district and borough councils and key emergency services including Kent Fire & Rescue Service, the NHS and Environment Agency. • Private sector, and further public sector, representation from key frontline services and emergency responders is being reviewed and identified through the recommendations of the Kent Resilience Forum, KCC senior management teams and other contacts. • A severe weather report summarising the first year of data collected through SWIMS has been circulated to all SWIMS users. This included an annex of recommended actions for all users, to improve the evidence base SWIMS collects and support development of robust business cases. The report also included two case studies of how services have already used learning from SWIMS to inform their resilience planning. <p>Over the next period the following tasks are planned:</p> <ul style="list-style-type: none"> • Improve existing evidence base (by encouraging users to 	

Action	Progress	RAG
	<p>undertake the recommended actions in the SW report and through increase sign up to SWIMS above).</p> <ul style="list-style-type: none"> • Investigate opportunities to improve media and meteorological data collected through SWIMS (to be undertaken by a data analyst over a 6 week period). • Enhance business case by generating cost avoidance headlines, using the UKCP09 weather generator (to be undertaken by a data analyst over a 6 week period). • Investigate where SWIMS data can support existing reports, resilience planning and severe weather reviews to integrate learning into the planning process. • Identify case studies where possible, to enhance business case and engagement of decision-makers. • SWIMS reporting to be incorporated within existing post incident debrief protocol for Families and Social Care services. Data and monitoring information from Strategic Health Resilience Early Warning Dashboard (SHREWD) to be reviewed and included in SWIMS reporting. 	RAG

CC6.2: Support communities in building resilience to climate change with a particular focus on those at greatest risk or with significant opportunities from severe weather and climate change.

Action	Progress	RAG
<p>Support priority communities identified through the Coastal Communities 2150 project to develop community resilience plans</p>	<ul style="list-style-type: none"> • 14 engagement events/workshops across 3 priority communities have been held. These have included steering group meetings, drop-in sessions and community events. • A suite of tools were used for awareness raising and engagement which had developed in collaboration with local community steering groups and consulting experts. These included: display boards, schools materials, an online hub, postcards/posters, static maps, interactive maps, seed questions, a workshop plan and a guidance pack. 	GREEN
<p>Support community groups, including parish councils, in the</p>	<ul style="list-style-type: none"> • Engagement activities will continue with at least 15 more events. 	

Action	Progress	RAG
development of emergency plans including the impacts of severe weather and flooding	<ul style="list-style-type: none"> Information gathered from the workshops will be used to draft a resilience plan for each community. 	GREEN
Support community planning through the Climate Ready programme delivery in Kent	<ul style="list-style-type: none"> In development 	

CC6.3: We will develop a Water Resilience Framework for Kent to strengthen the understanding of climate change risks to water systems, identify areas at greatest risk, support local adaptation planning and identify related business opportunities.

Action	Progress	RAG
Produce baseline report on the state of local water systems	<ul style="list-style-type: none"> A baseline report entitled 'The State of Water in Kent' was produced and presented at the Kent Water Summit on 26th June 2012. 	GREEN
Review literature and establish the key risks to water systems in Kent	<ul style="list-style-type: none"> A report entitled 'Risks and Opportunities for Water: An analysis of the long term risks and opportunities for water systems in Kent' was published in March 2013. 	
Undertake a spatial risk assessment	<ul style="list-style-type: none"> In March 2013, URS was commissioned to carry out work to map the impacts and consequences of climate change, land use change and population change on water systems in Kent and Medway. Initially due for end of June 2013, there has been a delay in completion due to data availability problems. 	
Hold workshop to disseminate findings	<ul style="list-style-type: none"> The draft final report and mapping work will be presented at a stakeholder workshop in October 2013. The final outputs will be disseminated by December 2013. 	
Engage with businesses and communities to support resilience planning and business opportunities	<ul style="list-style-type: none"> A Climate Change Resilience workshop was scheduled for June 2013, however due to poor uptake the workshop has been postponed. A reassessment of marketing and approach will be undertaken and a process will be designed for communicating the results to SMEs and communities, focusing on the identified high risk areas. 	

CC6.4: We will build flood resilience in Kent, increasing awareness and developing flood responses as appropriate

Action	Progress	RAG
<p>We will map and understand the interdependencies of critical infrastructure situated in East Coast flood risk areas and the impacts any flooding of this would have on inland communities</p>	<ul style="list-style-type: none"> • An integrated asset management strategy has begun for the Isle of Sheppey. • Families and Social Care is working on a pilot project to develop Strategic Health Asset Planning and Evaluation (SHAPE) system in a local authority setting. Work is progressing as part of a multi-agency approach in resilience planning, including identifying vulnerable health and social care assets and communities in flood planning so that these are considered as part of risk management and business continuity functions. 	<p style="text-align: center;">AMBER</p>
<p>We will develop improved coastal flood response plans as part of the East Coast flood preparedness</p>	<ul style="list-style-type: none"> • The Kent Resilience Forum held an East Coast Flood Workshop on 30 April 2013 to raise awareness of the risk of east coast flooding to Kent, and to develop the key planning activities of the Kent multi agency partners to this type of event. • The Kent Resilience Forum Executive Group will discuss the outputs from the East Coast Flood Workshop at their next meeting in September 2013. The East Coast Flood Planning Task and Finish Group are expected to be established during the autumn as a result of the recommendations from the workshop. This will be chaired by the Environment Agency. • The Environment Agency have established an internal Technical Advisory Group to develop the Environment Agency’s planning around coastal flood risk. An action plan has been developed to guide this work. • Outcomes from the KRF East Coast Flooding Workshop suggest the need to complete a deep-dive desk-top exercise with Health and Social Care partners and private sector providers on one community at risk to identify implications for Health and Social Care, applying learning countywide to internal and external service provision. 	

Action	Progress	RAG
Develop and implement the Local Flood Risk Strategy for Kent	<ul style="list-style-type: none"> • The Local Flood Risk Strategy was adopted by KCC Cabinet on 17 June 2013. • Work has already begun on a number of actions including Surface water management plans for Folkestone and Margate towns. KCC is also working with partners across the southeast to deliver guidance for planners to implement Sustainable Drainage Schemes (SuDS). 	RAG
We will move homes to lower flood probability categories	<ul style="list-style-type: none"> • Delivery of the 2013/14 flood risk management programme is on track. We are forecasting for an additional project to deliver outcomes this year for a further 789 properties. • 2013/14 580 properties - project has confirmed funding 2014/15 2674 properties – figure may change dependant on funding each year 2015/16 1560 properties – figure may change dependant on funding each year. 	

CC6.5: Continue to support and develop the low carbon economy in Kent through Low Carbon Kent with a focus on the biggest areas of opportunity including offshore wind, biomass, retrofitting, marine technologies and eco-innovation.

Action	Progress	RAG
Develop and promote the low carbon sector in Kent with a focus on those areas with the most potential for growth - offshore wind, marine Green Deal/ECO/building retrofit and wood biomass through focused supply chain analysis, sector conversations, work with key low carbon sector companies to identify of gaps/barriers/opportunities and identification of business support needs	<ul style="list-style-type: none"> • Low Carbon Kent successfully launched in April 2013 with 1,270 businesses on the network. The aim of the network is to bring together businesses that are either operating in a sustainable manner or delivering green products/services. KCC operates the network and our aim is to promote and engage with members as well as raise awareness of new business models/technologies. Through the network, we provide support on: 	GREEN
Continue to develop and roll out across Kent an integrated business support package for the Low Carbon Sector (resource efficiency and suppliers of low carbon services/products) for Kent to maximise existing support and develop appropriate public sector interventions for Kent e.g. through Fusion (Low Carbon Kent business directory and STEM), EEK, Tiger, High Growth Kent, Growth Accelerator	<ul style="list-style-type: none"> • Carbon management: understand your contribution to climate change and cut costs by cutting carbon. • Environmental management: start implementing a robust environmental management system for your business and receive a certificate to demonstrate your work through the Steps to Environmental Management (STEM) scheme. • Online directory of suppliers of low carbon services and products: 	

Action	Progress	RAG
	<p>search for suppliers of low carbon services and technologies or register your business.</p> <ul style="list-style-type: none"> • Environmental awards: Get information on awards that may be relevant to your business. • Sustainable travel: learn about ways to reduce fuel costs with advice on flexi-working, tele-conferencing and travel plans. • Referrals: gain information on other free services offered throughout Kent – depending on your needs, we will try link you up with free services that we know about, for example: • Zero percent interest loans for businesses in Canterbury, Dover, Shepway and Thanet through the Expansion East Kent fund. • Zero percent interest loans for businesses in Dartford, Gravesham, Medway, Swale and Thurrock through the TIGER fund. • Tailored 1 to 1 business support for low carbon businesses through the Fusion project. 	
<p>Through targeted communications continue to market Kent as the place to go for green business opportunities and continue to develop the online directory of suppliers of low carbon technologies and services to promote the low carbon sector in Kent</p>	<ul style="list-style-type: none"> • Three Green Deal workshops have been delivered which presented information on Green Deal and ECO. • A Meet the Buyer event has been held where 61 businesses were introduced to Enterprise, who is the Kent and Medway Green Deal Partnerships (KMGDP) ECO funder. KCC is working closely with Enterprise to ensure that SMEs are used in the delivery of the ECO work. • The Low Carbon Kent team is working closely with KCCs Economic Development team to ensure that all business support services are maximised and a consistent message is delivered to the business community. Through this work, 3 to 4 low carbon businesses will be identified to build a relationship with. • A Green Business conference is being held on November 19th 2013. 	
<p>Review skills needs for key green growth sector areas</p>	<ul style="list-style-type: none"> • A proposal for funding support, provided through Fusion, is being drafted for SMEs to become Green Deal ready, with a targeted launch of November 2013. 	

Action	Progress	RAG
Build on the activities of training establishments and schemes to match the needs of the key growth sectors e.g., apprenticeships and targeted training programmes	<ul style="list-style-type: none"> No information for this period. 	

Theme 3 Valuing our natural, historic and living environment

There are a number of targets set out in the Kent Environment Strategy and Climate Local Kent to monitor progress and drive forward the core themes of the strategy.

Currently no data are available on progress towards the two Climate Local Kent targets aligned to this theme and so reporting against these will be incorporated into the January update.

Overall Theme 3 is RAG rated Green with significant progress made across actions and sub-actions and no significant risks or issues to report.

Overall progress toward targets

- We will work towards ensuring that 60% of our local wildlife sites will have positive management implemented by 2013 and 95% of Kent's Sites of Special Scientific Interest are in favourable or recovering condition (*this aligns to Climate Local Kent*)**
The percentage of local wildlife sites where positive conservation management has been implemented for 2012-13 is 60%. Currently data on Sites of Special Scientific Interest are not available and will be reported on for the next period.
- We will increase volunteering in the county with a 20% increase in hours spent and aim to increase outdoor activity with 20% taking part in organised outdoor activities (*this aligns to Climate Local Kent*).**
With regards to Public Rights of Way volunteering, in 2013, volunteers recorded 1,951 hours of work to date. This is a decrease on last year which is more likely due to work undertaken in previous years meaning that opportunities this year are lower, e.g., signing and waymarking already completed. This target is therefore not yet met but activities are underway to increase volunteering in the county and a fuller review of wider volunteering opportunities will be carried out.

Overall progress toward actions

VE8.1: Identify how the natural environment could better support key public services and the green economy

Action	Progress	RAG
Milton Creek Investment assessment to identify, quantify and communicate the direct and indirect economic and social benefits delivered through parklands investment at Milton Creek, Sittingbourne.	<ul style="list-style-type: none"> • Complete 	GREEN
Thames Gateway Growth Area Study looking at the ecosystem service functions, and associated opportunities and threats, within the Kent Thames Gateway area.	<ul style="list-style-type: none"> • Complete 	
Value of the natural environment communication tool - to provide a simple and precise communication tool on the value of the natural environment.	<ul style="list-style-type: none"> • Complete 	
Ecosystems services mapping: develop a map of the ecosystem services of the county and use this to underpin a broad range of green infrastructure activities and policy making.	<ul style="list-style-type: none"> • Four of the seven National Character Area (NCA) profiles that cover Kent have been published: North Kent Plain; North Downs; Wealden Greensand; and Low Weald. For the other three pending areas (Greater Thames Estuary; High Weald; and Romney Marshes), key facts and data documents (an interim product) have been produced. • Work will continue on National Character Areas for Greater Thames Estuary, High Weald and Romney Marshes to meet scheduled completion date of April 2014. 	
Develop green infrastructure business plans, based on ecosystem services assessment: <ul style="list-style-type: none"> - identify ecosystem service needs and functions across the Hoo Peninsula and assess where function gaps exist. - develop an economic evaluation tool, which will provide a business cases for investment in the development of functions required to meet the identified service needs. - identify delivery mechanisms for the required functions and put in place GI investment to meet these needs. 	<ul style="list-style-type: none"> • Community Conversations have been held to involve a range of business, landowning / farming, environmental, health, religious and community stakeholders in the development of ecosystem service mapping. The Community Conversations have explored 27 different functions provided by the landscape of the Hoo Peninsula (Medway) and are about to work on developing a green infrastructure business plan to secure the environmental, economic and societal value of the functions. • GIFT-T! tasks are to be confirmed. 	
Application of experience and knowledge gained in North Kent	<ul style="list-style-type: none"> • To take place after GIFT-T 	

Action	Progress	RAG
Analysis of rural/green economy in Kent	<ul style="list-style-type: none"> To take place after GIFT-T 	

VE9.1: Establish functional habitat areas and wildlife networks in Biodiversity Opportunity Areas that support local landscape character

Action	Progress	RAG
Develop and establish Local Nature Partnership whose membership reflects and recognises, the services and benefits which a healthy natural environment brings for people, communities and the county economy.	<ul style="list-style-type: none"> Complete Currently recruiting a new Chair for the Local Nature Partnership (LNP) A strategic programme of action has been produced and currently is in the final stages of approval. 	GREEN
Review Kent's biodiversity targets and establish new LNP targets around the BOAs framework and in support of Biodiversity 2020.	<ul style="list-style-type: none"> Delivery groups defined and some of their allocated actions underway - revision of habitat targets/Biodiversity Opportunity Areas (BOAs). Habitat and Biodiversity Opportunity Area targets are to be revised over the next period. 	
Connectivity and fragmentation analysis to identify pilot project areas and facilitate delivery of wider functional networks.	<ul style="list-style-type: none"> Complete 	
Habitat connectivity project for Central & Medway Downs BOA and Medway Gap	<ul style="list-style-type: none"> Habitat Connectivity Tool (fragmentation index) completed and disseminated to partners in Kent and NPdC. Kent & Medway Biological Records Centre has successfully used the tool to provide evidence to the Romney Marsh Landscape Partnership bid. The HLF bid to fund the ecological network pilot project has been completed, and was submitted on the 19th of August 2013. The bid is under £2m with an 18th month development stage. Current partners are KCC, KWT, CMPs, Kent Downs AONB and we're expecting endorsement from 3 districts, the Parish Council Association and the CLA/NFU. Birling estate supports the bid. Successful bids will be announced in October 2013. KWT secured Roadside Nature Reserve funding for another year, enabling a part time post to deliver increased ecological connectivity and volunteer engagement within the project area. 	

Action	Progress	RAG
	<ul style="list-style-type: none"> • Use of eco-systems model to identify and map key ecosystem services across the project area and identify hotspots that need to be protected or enhanced is planned for the next period (Lead is KWT). • Dover Bumblebee project underway - first meeting of project group and species/habitat parameters set for running the Habitat Connectivity Tool. 	GREEN
Bumble Bee habitat defragmentation project	<ul style="list-style-type: none"> • A Bumblebee habitat defragmentation, as part of the East Kent Green Infrastructure Strategy, has obtained financial support from Natural England. The FR&NE team will also be involved in project delivery. The habitat fragmentation tool will be used to determine key areas and management prescriptions will be drawn up. The project is expected to conclude in March 2013. 	

VE9.2: Update the Landscape Character Assessment (LCA), identifying areas of declining condition and taking action to improve them

Action	Progress	RAG
Establish Kent landscape group to provide a focus for action and get ownership for action and support for its delivery.	<ul style="list-style-type: none"> • Complete • The KLG has met three times with a wide representation from Kent Local Authorities, the landowning and land management sector, statutory agencies and third sector organisations. A separate workshop was held for those interested to explore ways of achieving a more strategic approach to targeting enhancement county-wide. • A further meeting of the Kent Landscape Group will get participants to contribute their experience and understanding of the threats and opportunities to select a pilot area. 	AMBER
Pull together existing information and conduct a gap analysis for landscape character assessment in Kent.	<ul style="list-style-type: none"> • The Kent Landscape Group, Kent Downs AONB and KCC Natural Environment team has completed this action which is represented in GIS based information and reports to the group. This indicates where LCAs have been undertaken in the county and those which carried out condition assessments. It has highlighted that whilst much of the county has had some form of assessment, the 	

Action	Progress	RAG
	<p>approach varies which hinders direct comparison and the ability to get a consistent picture of landscape for the county.</p> <ul style="list-style-type: none"> The gap analysis work has been completed. The onward approach will be to use the results of the workshop as the basis for selecting an appropriate location for the pilot. Debate will be had amongst the wider group to gain input to the approach. Subsequently the pilot will be worked up, alongside an action plan. The pilot will seek to demonstrate how landscape understanding can become an integrating framework, supporting decision-making, by offering something additional, it will also hopefully override the issue of consistency above. 	RAG
Pilot update of the Landscape Character Assessment in Kent Downs AONB.	<ul style="list-style-type: none"> To take place over the next period 	
Use the pilots to inform an update of the Landscape Character Assessment in Kent.	<ul style="list-style-type: none"> To take place over the next period 	
Seek resources for review of Kent LCA	<ul style="list-style-type: none"> To take place over the next period 	

VE9.3: Reduce the number of designated heritage assets judged to be at risk, working in partnership with English Heritage and others

Action	Progress	RAG
Set up communication network for recording damage to heritage assets, linked to Kent HER	<ul style="list-style-type: none"> English Heritage and partners have developed the Alliance to Reduce Crime against Heritage (ARCH); pilot heritage crime risk assessments are being undertaken for Medway Gap and Dover district by Kent County Council and Kent Police. Canterbury City Council has signed the ARCH Memorandum of Understanding. Kent County Council and other LPAs in Kent will be asked to sign the ARCH Memorandum of Understanding. A solution will be sought for the difficulties in securing police analyst time to complete the pilot heritage crime risk assessments for Medway Gap and Dover district. Protocol for condition assessment of Local Wildlife Sites adopted by the KWT and currently being used. It has also been shared with other WTs across the region. 	GREEN

Action	Progress	RAG
Pilot Heritage Warden programme in Medway Gap	<ul style="list-style-type: none"> This has as not gone ahead yet because the risk assessment has not been completed due to police analyst time restrictions. 	
Work with local residents to prepare conservation area appraisals to reduce number of conservation areas at risk	<ul style="list-style-type: none"> Following the guidance set out in the NPPF, Kent County Council has been working with Dover District Council and English Heritage to prepare a Heritage Strategy for Dover District. Work with local residents on appraisals is to be taken forward by Dover District Council as part of the action plan for the strategy. 	
Work with Natural England, English Heritage and landowners to increase the number of designated assets in Higher Level Stewardship	<ul style="list-style-type: none"> This will be reported on for the next period, during which time it is planned to liaise with DEFRA and English Heritage to assess number of assets included. 	
Develop a solution to the Kent archaeological archives storage and access problem	<ul style="list-style-type: none"> Options including remote long-term storage are being considered. A Kent Museums Group Archaeology Working Party is being set up to enable consultation and joint working across the interested organisations. The Kent Museums Group Archaeology Working Party will work with stakeholders to agree a way forward. A preferred option will be chosen. 	
Implementation of Kent Farmsteads Guidance	<ul style="list-style-type: none"> The Kent Farmsteads Guidance has been prepared by English Heritage, Kent Downs AONB and Kent County Council to help assess the character of historic farmsteads and assist in the process of sustainable development. The guidance was endorsed by Kent County Council in July 2013. Final amendments will be made and district summaries prepared in August 2013. Will then work with district councils and Medway Council towards adoption of guidance as part of their local plan process. A launch and training event will be held in early autumn 2013. 	
Develop heritage strategies and historic environment policies for Kent Local Planning Authorities as indicated in the NPPF.	<ul style="list-style-type: none"> Dover Heritage Strategy has been completed and a draft Action Plan has been prepared. Dover District Council to adopt the strategy in July 2013 and work with partners in completing and implementing the action plan. Thanet District Council is due to start preparation of a Heritage Strategy shortly and Shepway District Council is in discussion with partners about how to take 	

Action	Progress	RAG
	<p>forward a strategy for Shepway.</p> <ul style="list-style-type: none"> • Dover District Council to adopt the strategy in July 2013 and work with partners in completing and implementing the action plan. KCC Heritage to support Thanet District Council and Shepway District Council in their funding bids to English heritage for preparation of heritage strategies for Thanet and Shepway, and assist with preparation of the strategies as appropriate. Other LPAs will be encouraged to prepare heritage strategies for their area and where relevant to prepare a SPD for a list of Local Heritage Assets. • A Hoo Peninsula Historic Landscape Project has been carried out by English Heritage, including an integrated landscape and seascape characterisation for the Hoo peninsula and adjacent estuary. The results will be used to inform development management decisions on the peninsula and adjacent estuary. 	GREEN
Improve awareness of Kent historic defences and improve management of significant assets	<ul style="list-style-type: none"> • ‘Sarre in WWII project’ completed with great interest from the local community. Swale Defences project is ongoing and progressing well. Project proposal for a WWI hospitals project has been submitted to HLF. Also developing a proposal for a further project on Kent’s defences in WWI. 	

VE10.1: Deliver the Countryside Access Improvement Plan, with an ongoing commitment to customer led improvements to Kent’s green infrastructure

Progress towards most of the targets within this action are reported on the Countryside Access Improvement Plan annual report 2012/2013

Action	Progress	RAG
Review of Countryside Access Improvement Plan	<ul style="list-style-type: none"> • Having been approved by the Customer and Communities Cabinet, the revision of the Countryside and Coast Access Improvement Plan was produced in Draft. The document was put through a public consultation which ended on the 27th June. • Review of the consultation comments and adoption of Countryside and Coast Access Improvement Plan by end 2013. • Progress to be made towards the objectives contained within the revised document. 	AMBER

Action	Progress	RAG
Well maintained network and improved standards of access	<ul style="list-style-type: none"> Refer to the Countryside Access Improvement Plan 	GREEN
Reduce impact of growth and development on access to rights of way and open spaces and realise opportunities for access improvement that this growth may present	<ul style="list-style-type: none"> Refer to the Countryside Access Improvement Plan 	
Establish a more complete, sensible rights of way network	<ul style="list-style-type: none"> Refer to the Countryside Access Improvement Plan 	
Improving safety on public footpaths, bridleways, byways and restricted byways	<ul style="list-style-type: none"> Refer to the Countryside Access Improvement Plan 	
Promote opportunities to visit the countryside and coast by providing high quality information	<ul style="list-style-type: none"> Refer to the Countryside Access Improvement Plan 	
Education and respect for the countryside	<ul style="list-style-type: none"> Refer to the Countryside Access Improvement Plan 	

VE10.2: Deliver initiatives in the Kent area that enable people to more readily access green space and the historic environment such as explore Kent, outdoor learning and volunteering

Action	Progress	RAG
Provision of outdoor events, festivals and other engagement initiatives	<ul style="list-style-type: none"> Explore Kent stand at The Outdoor Show, Excel, London, (January) promoting the Kent Countryside attended by 37,315. Launch of Active Ramsgate (June) Outdoor Show 2014, London and Kent Coastal Week 	GREEN
Use of ANGST to develop GI strategies	<ul style="list-style-type: none"> Canterbury consulted on their revised Local Plan and comments were submitted. Dover Parks and Amenity Strategy due for consultation. 	
Development of coastal access route: <ul style="list-style-type: none"> Ramsgate to Folkestone pilot; Folkestone to Rye pilot. 	<ul style="list-style-type: none"> Phase 1 (Ramsgate to Folkestone) report has been through Public consultation and is to be submitted to secretary of State by end Sept. Phase 2 (Folkestone- Camber). Deliver phase 1 report and start physical implementation. 	

Action	Progress	RAG
Maintenance of Explore Kent	<ul style="list-style-type: none"> • New Interactive Map launched. • New Walking and Cycling maps for Ashford and Canterbury launched. • Explore Kent magazine supplement included with Primary Times distributed to Kent Primary Schools. • Details of new routes and updates for Active Ramsgate to be included. 	
Development of volunteering opportunities	<ul style="list-style-type: none"> • Volunteering opportunities are available through: <ul style="list-style-type: none"> ○ Countryside Access Wardens ○ Country Parks Volunteers ○ Sustrans Rangers ○ CMP Volunteers ○ Thanet Coast Wardens ○ Medway Swale Estuary Wardens ○ Heritage Wardens ○ Opportunities to be maintained as above. 	
Gap and map analysis of health/wellbeing and natural environment projects taking place in Kent	<ul style="list-style-type: none"> • Gap and map analysis of health/wellbeing and natural environment projects taking place in Kent (Kent LNP) to be completed by September 2013; results of analysis used to inform sustainability section of the Joint Strategic Needs Assessment and identify future programmes of work/ focus effort where needed (to conclude December 2013). 	