### Theme 1: ENERGY SUPPLY

Strategic Priority 1: Reduce electricity and gas consumption within the commercial and public sectors

Strategic Priority 2: Introduce smart meters and energy storage solutions in Reading

Strategic Priority 3: Develop heat supply networks to deliver low carbon heat in Reading

Strategic Priority 4: Increase amount of energy generated locally using renewable technologies

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 2016)	Key issues	RAG status¹ (Mar 16)
T1SP1.1 <sup>2</sup>	Produce report identifying the commercial and public sector electricity consumption in Reading and identifying key opportunities for energy efficiency	Summer 2015	Report	Reading Borough Council	University of Reading (Technologie s for Sustainable Built Environment Centre)	Complete	Lack of data on end uses. Limited up to date local data.	Amber
T1SP1.2	Develop and support a group of organisations to invest in their own energy efficiency programmes	Sept 2015	Meeting of group	Reading Borough Council	University of Reading, Thames Water, large retail stores	Group not met	Behind schedule	Amber
T1SP1.3	Council Energy Plan Programme - corporate buildings and new Civic	2013-2016	Civic refurbishment project 2014	Reading Borough Council	Public sector group	New Civic delivered.	All aspects of programme being progressed. Some	Green

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Amber = work progressing or due to progress but delayed/ not to original timescale; issues but not significant

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<sup>&</sup>lt;sup>2</sup> T = theme; SP = strategic priority

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 2016)	Key issues	RAG status <sup>1</sup> (Mar 16)
	Refurbishment project		Low energy     Street lighting     2013 to 2016     Re-Fit building     refurbishment     project phase 1     2015 to 2017			Solar Housing delivered.  • Programme reviewed - Reading Borough Council carbon plan launched.  • New whole borough LED street lighting project underway. Building Energy Efficiency Programme in planning.	uncertainty around future of council buildings.	
T1SP1.4	Continue to offer schools support on energy efficiency and renewable energy investment.  School expansion project to include solar panels	2016 to 2020	Issue SALIX finance to 3 schools per annum     Encourage uptake of SEELS (SALIX energy Efficiency Loans) funding for schools.     Expansions complete to energy efficient standards	Reading Borough Council	Reading Schools	Partially met - Support provided to schools for investment but SLA discontinued due to lack of uptake and removal of schools from Carbon Reduction Commitment. SALIX projects delivered in a number of schools and more projects in pipeline. Project to connect TREND to remote monitoring underway.		Amber

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 2016)	Key issues	RAG status <sup>1</sup> (Mar 16)
T1SP2.1	Produce a model that identifies where electricity loads in buildings can be reduced at peak periods.	Dec 2014	Engineering Doctorate Thesis with Technologies for Sustainable Built Environment Centre	Reading Borough Council	University of Reading. T.S.B.E. centre.	Thesis completed		Green
T1SP2.2	Raise awareness of benefits of smart meters for households and businesses	December 2015	Publicity on smart meters by 2015	utility companies	Reading Borough Council	SSE have information on website		Green
T1PS2.3	Encourage and increase the number of smart meters and other resource monitoring/ saving devices installed in buildings and other energy/resource using facilities across Reading	March 2014	Source resources to deliver messages year 2	Reading Borough Council	University of Reading	Reading Borough Council and University of Reading have both installed - Further stages of investment progressing. RBC updating staff on use of power during peak periods (Triad warnings)	Configuration of data systems to connect to smart metering and enable effective analysis and energy management.	Green
T1SP3.1	Identify planning sites that are suitable for decentralised energy networks. Implement policy to incorporate district energy into appropriate planning sites.	March 2015	Shortlist of suitable sites identified.	Reading Borough Council, Thames Valley Energy	Climate Berkshire	Sites being identified. Funding from Government for feasibility on Council site. UoR completed district heating system. Kenavon Drive phase 1 incorporates network elements. New funding awarded in 2016 for	Substantial infrastructure planning implications	Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 2016)	Key issues	RAG status <sup>1</sup> (Mar 16)
						heat mapping and master planning for Reading Station area.		
T1SP3.3	Develop district energy projects in Reading amongst partners.	September 2015 March 2016	Initial report on options for specific sites. Business planning for sites or private sector driven through planning/investment.	Reading Borough Council,	Private sector	Limited progress.  New funding above will assist.		Amber
T1SP3.4	Disseminate information about complete district energy schemes	March 2016	University of Reading scheme	University of Reading	Reading Borough Council	UoR Sustainability Services are developing a new website which will include detail on district heating and energy more generally	Delays in handover of system from contractors have hampered progress (now resolved)	Amber
T1SP4.1	Create a renewable energy deployment strategy for group of businesses and public sector organisations	March 2014	Produce report for end March 2014	Thames Valley Energy	Reading Borough Council	Target needs slight revision and joining to 4.3 but renewable energy evidence base work complete.	Resource pressure	Amber
T1SP4.2	Deliver Reading Borough Council 'Carbon Plan'	March 2014	Report to Strategic Environment, Planning and Transport committee March 14	Reading Borough Council		Launched at Strategic Environment Planning and Transport Committee July 15	Resource pressure	Green
T1SP4.3	Produce a renewable energy investment strategy	• Sept 2014	Evidence Base complete	Thames Valley	Reading Borough	See 4.1; 2 stakeholder	Resource pressure	Amber

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 2016)	Key issues	RAG status <sup>1</sup> (Mar 16)
	to provide 8% of local power, identifying most investable renewable energy in borough, making consideration of solar photovoltaics, solar thermal, ground source heat pumps, wind, anaerobic digestion, biomass and gasification processes, and hydro power.	<ul><li>April 2015</li><li>October 2015</li></ul>	Workshops with partners     Report to Reading Climate Change Partnership	Energy	Council	workshops held; evidence complete, but further work progressing to finalise strategy		
T1SP4.4	Deliver Council Energy Plan Programme - Renewable energy projects - includes Photovoltaic Solar panels and biomass heating.	March 2016	1st Biomass project March 2014     Solar photovoltaic on housing Aug 2014	Reading Borough Council	Reading Sustainabilit y Centre	Solar Housing project completed. 1100 kWp installed on 457 houses. Biomass - Cedar Court site operational. Reading Community Energy Society launched and further 183kWp installations underway.		Green
T1SP4.5	Work with small businesses to encourage uptake of renewable energy	September 2014	5 x Re-Start Local events, 60 businesses 12hrs assistance	Reading Borough Council, Institute for Sustainabilit y	Thames Valley Energy	<ul> <li>124 businesses have received support on Re-Start project</li> <li>Achieved 72 businesses at 12 hours assistance level.</li> </ul>	As above	Green
T1SP4.6	Build local supply chains	September	6 x Re-Start Local	Reading	Thames	As above	As above	Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 2016)	Key issues	RAG status <sup>1</sup> (Mar 16)
	for technologies by building local skills and engaging local companies in larger contracts	2014	events, 60 businesses 12hrs assistance	Borough Council, Institute for Sustainabilit y	Valley Energy			
T1SP4.7	Identify local and inward investment options for renewable energy development	Sept 2015	Identify investment routes for projects identified in 4.3.	Reading Climate Change Partnership	Reading Borough Council	Reading Community Energy Society launched and share offer exceeded available solar projects.		Green
T1SP4.8	Encourage local communities and businesses to support the development of renewable energy in their communities	July 2014	Identify potential buildings and locations. Identify interested parties     Provide technical advice to interested groups	Reading Borough Council	Reading Voluntary Action, Greater Reading Environment al Network, Transition Town Reading	Working closely with Reading Sustainability Centre Hydro scheme - support given for feasibility. Also Reading Community Energy Society launched 2016.		Green
T1SP4.9	Create a number of community showcase facilities in Reading and run tours	March 14	Identify potential buildings, RISC solar and Green Park wind turbine, To identify others	Reading Borough Council	Reading International Solidarity Centre, Green Education	<ul> <li>Green Park turbine tours continue to be run</li> <li>RISC publicise their solar panels</li> </ul>	Need to communicate these sites; include in comms plan	Green

### Theme 2: LOW CARBON DEVELOPMENT

Strategic Priority 1: Buildings in Reading to be built to high standards of energy efficiency incorporating on-site renewable energy where possible

Strategic Priority 2: Retrofit energy efficiency measures into Reading's buildings

Strategic Priority 3: Improve properties to reduce fuel poverty in Reading

Strategic Priority 4: Enable uptake of Green Deal and associated grants in Reading

Strategic Priority 5: Monitor and minimise the 'embodied carbon' incorporated into construction projects

Strategic Priority 6: Continue to develop planning policies that:

support the reduction of green-house gas emissions directly and indirectly from the borough reduce the risks of climate change on the communities of Reading

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP1.1	Ensure new buildings in Reading meet high standards of energy efficiency in design and construction & install the most appropriate on site renewable energy generating technologies; specifically, review available and emerging standards	September 2017	Establish planning policies that encourage:  • high FEE (Fabric Energy Efficiency)  • Low carbon heating  • Renewable energy	Reading Borough Council		Target timescale for Local Development Framework delayed to 2017. Draft policies discussed with LDF team.	Under current government regulations local planning policies can have little/no impact on FEE or carbon footprints - replaced by Building Regs. Uncertainty: BREXIT would remove influence of EU Directives on 2020 targets.	Red?

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<sup>&</sup>lt;sup>3</sup> Red = significant issues with either delivery or resourcing

<sup>&</sup>lt;sup>4</sup> T = theme; SP = strategic priority<sup>5</sup> Red = significant issues with either delivery or resourcing

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP1.2	Attract low carbon developments to Reading that adopt high standards of energy efficiency such as Minergie or Passive House	March 2015	Actively engage with developers about demonstration homes to gauge market interest	Reading Borough Council		No progress.	No plan in place currently.  RBC to investigate if anything is, or can be, done at 'Pre-App' stage.	Red
T2SP1.3	Research and investigate potential for 'Community Energy Fund' ahead of zero carbon standards	September 2015	Report with recommendations about implementing scheme.	Reading Borough Council		Element Energy Report (2012). No recent progress - pending government decisions.	Govt. policy on support for local funds still not clear.  Zero Carbon Standard withdrawn by government.  Uncertainty: BREXIT would remove influence of EU Directives on 2020 targets.	Red
T2SP1.4	Implement a local allowable solutions 'Community Energy Fund' to take advantage of allowable solutions locally; implement planning policies that require its use by developers who are not able to establish sufficient on site measures to reduce carbon emissions to zero carbon through Fabric Energy Efficiency	March 2016. dependant on building regulations and planning policy developme nts	Implementation of fund mechanism	Reading Borough Council	Climate Berkshire	No recent progress - pending government decisions.	RBC cannot make progress without government guidance. Would be useful to develop a list of projects. Uncertainty: BREXIT would remove influence of EU Directives on 2020 targets.	Red
T2SP1.5	Ensure local construction complies with the zero carbon regulations.	March 2016	Proposal to SEPT	Reading Borough Council		No recent progress - pending government decisions.	Government withdrawing Zero Carbon Standard.	Purple

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP1.6	Establish whether national data can be used to create a local public register of Energy Performance Certificates in the Borough - to track progress and to celebrate success	September 2015	Identify software options, restrictions and costs	Reading Borough Council		Data now available F.O.C. but not yet downloaded and analysed.	Analysis and publication not prioritised - lack of staff resource.	Amber
T2SP2.1	Make guidance available for householders and businesses on retro-fitting renewable energy and energy-saving technologies, including technologies and financial assistance	Six monthly reviews	<ul> <li>Regularly updated web pages Information and links on RCAN</li> <li>Active publicity campaign</li> </ul>	Reading Climate Change Partners hip		There is some information for organisations but little for individuals. Little progress in latest 6-month review period	No evidence of active review or update of web-pages.	Red
T2SP2.2	Review performance of Reading homes as shown by the Private Housing Condition Survey and use information to target energy saving activity and action.	Ongoing	Completion of Home Energy Conservation Act (HECA) report.	Reading Borough Council	Housing associations and landlord groups	HECA report reviewed March 2015.	Govt 'Green Deal' scheme cancelled. What other measures are being promoted?  Next HECA report not due until March 2017	Green / amber?
T2SP2.3	Develop case studies and show homes networks that encourage renovation and re-use of empty buildings rather than building new homes. Explore links to refurbishments of older buildings.	March 2015	<ul> <li>Establish specific show homes in Reading through volunteers and/or where funding available.</li> <li>Possible link to heritage open days.</li> </ul>	Reading Borough Council	Superhomes network, Reading community groups	One privately- owned Superhome was opened to public in 2014 and will be in 2016; 2 case studies presented at RCAN event in June 2015;	Reading Borough Council has some exemplar homes that could be used.  Need staff time to collate information - e.g. Parity Homes (Housing Association) are known to have done two retro-fits but not documented.	Amber

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP3.1	Provide personalised service to help house holders - especially those most vulnerable to fuel poverty, and in particular those that are at imminent health risk - to access Energy Company Obligation subsidies and other services/funding available.2.	Ongoing until March 2017	Continue Winter Watch initiative.  • 2 x staff available to provide service  • Reach at least 100 households in need	Reading Borough Council	Energy companies and switching services	Winter Watch plus Draughtbusters have done useful work. 2 applications for boilers made to ECO scheme  Winter Watch visited 175 residents.	Public Heath finance has been agreed to continue to 2017.  Staff reduced to 1 but working all year round.  Removal of Green Deal and reduction of ECO subsidies threat to future provision.  Tenants now have right to ask for improvements - are RBC publicising this, and is there take-up from RBC Tenants?	Green
T2SP3.2	Provide switching/energy bills advice service for those struggling to afford to heat their homes.	Ongoing	Continue Winter Watch initiative	Reading Borough Council	Energy companies and switching services		Part of 'Winter Watch'- but propose to keep as separate action.  RBC 'Outreach' campaign aims to engage public but would be good to have evidence of success.	Green??
T2SP3.3	Improve standards of empty homes and seek to re-occupy	Annual	<ul> <li>Continue Council Tax premium for long term empty properties</li> <li>Annual report on empty homes progress</li> </ul>	Reading Borough Council		<ul> <li>Tax premium continues at 150% on empty properties;</li> <li>Number of homes categorised as Long Term Empty Premium increased from</li> </ul>	Complex issues involved. Policy and effectiveness in improving standards should be reviewed.	Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16) 91 to 105 in March 2016	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP3.6	Prepare for mandatory Minimum Energy Performance Standards from April 2018 (applies to rented properties)	September 2015	Propose policies to encourage early adoption and enforce compliance	Reading Borough Council		None. Awaiting government action	Arrangements for the setting of standards were within the draft Housing and Planning Act but government has decided not to enact the proposal, and to review minimum energy performance standards in due course.	Red
T2SP4.1	Establish a contracted Green Deal Energy Company Obligation provider in Reading; contract to include local employment, high quality of specified works, high customer standards and finance as needed	March 2016	Develop proposals for ECO funded schemes that also incorporate social benefit	Reading Borough Council	Housing associations, other Berkshire Authorities	RBC was working to establish a networked heating contract with MITIE but stopped early April 2015.	Green Deal cancelled by government and ECO only renewed until April 2017 so companies have little interest in long-term investment.	Red
T2SP4.4	Monitor and review up-take of Green Deal and Energy Company Obligation funding through government statistics or if not available from the major provider(s) in the area	annually	<ul> <li>Number of participants at each stage</li> <li>Funding allocated</li> <li>Annual energy saving due to Green Deal Energy Company Obligation</li> </ul>	Reading Borough Council	Green Deal contracted party	Have been unable to access statistics	Cancellation of Green Deal and uncertainty about future of ECO beyond 2017	Red

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP5.1	Identify suitable research to identify case studies of mechanisms to estimate embodied energy/carbon in new development	March 2015	Identify case studies.	??		Ben Burfoot knows of some studies by TSBE at UoR	Should obtain and review studies and link from RCAN website.	Purple
T2SP5.2	Identify the carbon costs of development for life-time carbon when submitting planning applications	March 2017	Planning policy review	Reading Borough Council	Reading Borough Council	No progress - not expected until later in Local Development Framework (LDF) cycle.	Govt. changes reducing scope of local planning policies - so action not a priority for LDF.	Amber
T2SP5.3	Develop policies that stipulate energy and sustainable design solutions that are appropriate to the density and location of buildings	March 2017	Review of planning policy documents.	Reading Borough Council	University of Reading	Barton Willmore / UoR's 'Smart and Sustainable Reading 2050' report has ambitions for low-carbon sustainable Reading.	Govt. changes reducing scope of local planning policies - action not a priority for LDF.	Amber
T2SP6.2	Assess care homes for risk of heat waves; implement measures to ensure that care customers are not at risk of hot conditions; develop low carbon cooling approaches for care homes	Sept 2015	Produce report	Reading Borough Council		Energy officer looked at Care Homes in summer 2014 but no evidence of recent progress.	Need evidence of assessment plan to cover both RBC and privately-owned care homes. 'Heatwave National Action Plan' is relevant but need evidence that it is being acted upon.	Red

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP6.3	Ensure public spaces and parkareas have sufficient shade and places to rest to reduce risks of over-exposure to sun and potential health impacts, through implementation of Tree Strategy (see Natural Environment chapter and Action Plan)	On-going - six-monthly report	10% increase in canopy cover target from Tree Strategy Evidence of CC-aware planning for shade	Reading Borough Council	Tree wardens	<ul> <li>Council inspect all trees on 3-5 year cycle; planted 233 trees in 2013-14 and 190 in 2014-15.</li> <li>Tree Wardens planted 15 in 2013-14 - no information for current year.</li> </ul>	Lack of evidence of planning for shade.  RBC has target of 10% increase in canopy cover by 2030 - propose to review progress in 2018.	Amber
T2SP6.5	Research 'green roofs and walls' to inform specific policies and make available guidance on their costs and benefits for developers, planners and public so that their relative merits for different policy objectives relating to climate change (and other benefits/dis-benefits) can be taken in to account in design and planning	March 2017	Planning policy review	Reading Borough Council		No evidence of progress in original timescale - too early in Local Development Framework cycle.	Have never reached agreement with University of Reading to provide expertise.	Purple

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner (s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>3</sup> (Mar 16)
T2SP6.6	Continue to review strategic plans for economy, housing, population, industry etc. to ensure they are compatible with local and national emissions targets. Revise strategic plans to manage the amount, type, and location of housing and business development in and around Reading to deliver a low-carbon (and low-cost) economy	ongoing	Consultation response from Reading Climate Change Partnership to Local Plan	Reading Climate Change Partners hip	Local Enterprise Partnership Climate Berks	RCCP were consulted on Issues and Options in February 2016		Green

# Theme 3: NATURAL ENVIRONMENT

Strategic Priority 1: Improve the quality and connectivity of natural habitats

Strategic Priority 2: Encourage local community groups and businesses to become more involved in the management of local green spaces

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status⁵ (Mar 14)
T3SP1.1 <sup>6</sup>	Review the Reading Biodiversity Action Plan and update the plan to take account of climate change	2015	New Biodiversity Action Plan in 2015	Reading Borough Council		Yet to be reviewed.		Amber
T3SP1.2	Monitor the proportion of Local Wildlife Sites in positive conservation management in line with government guidance on Single Data List 160	ongoing	<ul> <li>All Reading         Borough Council         sites to be in         positive         conservation         management by         2015         <ul> <li>Reading Borough</li> <li>Council to              encourage other             landholders to             manage their sites</li> </ul> </li> </ul>	Reading Borough Council	Other landowners as appropriate	On track at end 15/16; progress reported in the Annual Monitoring Review.		Green

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Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status⁵ (Mar 14)
T3SP1.3	Keep under review, in light of climate change science: Tree Strategy, Orchard Project, Open Spaces Strategy, Thames Parks Plan and the document 'Reading Waterspace - A Vision for the Thames and Kennet'	Sept 2014	Status report. Progress report on each project annually.	Reading Climate Change Partnership	Reading Borough Council	<ul> <li>Tree Strategy is being progressed.</li> <li>Open spaces strategy actively used but not monitored</li> </ul>	Resourcing to monitor strategy	Amber
T3SP1.4	Identify areas of grass land of highest habitat value and manage as meadow	March 2014	<ul> <li>Staff training / awareness days</li> <li>Statement about grass cutting policy on website</li> </ul>	Reading Borough Council	Private individuals and volunteer groups	<ul> <li>Management of conservation grass areas contracted out.</li> <li>Urban pollinators project finished</li> </ul>		Green
T3SP1.5	Help facilitate the work of the Berkshire Local Nature Partnership in respect of Reading sites.	ongoing	Input to Berkshire Local Nature Partnership	Reading Borough Council	Berkshire Local Nature Partnership	This is not being resourced.		Red
T3SP1.6	Undertake periodic ecological surveys of Reading's Local Wildlife Sites and review status in line with government and local guidance	each site is surveyed as a minimum every 5 years	Annual review of surveyed site status	Reading Borough Council	Thames Valley Environmental Records Centre,	On track - ongoing		Green
T3SP1.7	Periodically update the Berkshire phase 1 habitat map	2018	Periodic review approx every 5 years, next due circa 2018	Thames Valley Environmental Records Centre	Reading Borough Council	Last update completed in 2014. Next one due in 2018		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>5</sup> (Mar 14)
T3SP1.8	Raise awareness of Biodiversity Opportunity Areas and seek opportunities to engage with landowners and encourage them to manage land in accordance with the objectives for their area	December 2013	Progress report and plan	Berkshire Local Nature Partnership	Thames Valley Environmental Records Centre, Reading Borough Council	This is not being resourced.		Red
T3SP1.9	Encourage groups, individuals and organisations to share ecological data with Thames Valley Environmental Research Centre so that this information can be used to inform studies into the effects of climate change on biodiversity	ongoing	Annual report from Thames Valley Environmental Records Centre to Reading Borough Council	Thames Valley Environmental Records Centre		Report by Thames Valley Environmental Records Centre		Green
T3SP1.10	Assess adequacy of control over conversion of front gardens to parking	March 2014	Review of policy to committee with recommendations	Reading Friends of the Earth	Reading Borough Council	No progress - proposed postponement.		Amber
T3SP1.11	When reviewing management plans for public land ensure green infrastructure is considered as well as other physical and social issues; consider management plans with involvement of partners	Sept 2014	Produce checklist for key green infrastructure considerations to be applied to high profile sites.  Action needs to be reviewed - currently delivered through SDPD.	Reading Borough Council		No checklist but planning policy framework makes certain requirements for trees and other green infrastructure.	Due for review	Amber

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>5</sup> (Mar 14)
T3SP1.12	Raise awareness of the importance of green infrastructure for adapting to climate change and the economic benefits it provides	March 2014	Produce a briefing for multi-agency use in publicity.	Reading Borough Council	University of Reading, Reading Friends of the Earth	No progress reported although possible use of RCAN website for this		Amber
T3SP1.13	Assess and seek improvement of waterways, river and canal banks as wildlife corridors	March 2014	Identify improvements to managed areas.	Reading Borough Council	Environment Agency, Berkshire Local Nature Partnership, Canals and Rivers Trust.	The Core Strategy sets out the framework. There are some specific management plans for certain sites - e.g. Kennet Island, A33	East Reading Mass Rapid Transit (MRT) proposed public transport link between central Reading and the proposed Thames Valley Park P&R site will mean loss of wildlife corridor	Amber
T3SP1.14	Assess and seek improvement of railways as wildlife corridors	March 2014	Identify activity through existing management plans.	Network Rail	Berkshire Local Nature Partnership	No progress	No local advocate identified Consultation on electrification of west coast main line - no net loss in biodiversity - RBC have put some proposals in place	Red
T3SP2.15	Sustain and grow local wildlife activities, especially for children	Ongoing	Wildlife community events (Estimated 94 meets in 2012)	Econet, Globe Groups	Connect Reading (businesses)	Dee Park Catalyst Housing have run at Louse Hill Copse		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key issues	RAG status <sup>5</sup> (Mar 14)
T3SP2.2	Encourage teaching about wildlife in schools; provide training and information for teachers; look at expanding Reading's Outdoor Classroom	March 2014	Produce action plan	Reading Borough Council	Berks, Bucks And Oxon Wildlife Trust, Econet	Between June 2013 and March 2014, 527 primary school children received a free outdoor lesson in one of Reading's wildlife sites. 626 in 14/15 693 in 15/16		Green
T3SP2.3	Provide guidance on wildlife gardening with assistance from partners	March 2014	Guidance on website. Establish a channel for local expertise sharing	Econet, GLOBE groups (Oxford Road Community Gargen & Ridgeline)	Berks Bucks And Oxon Wildlife Trust, Econet	No progress received		Red

# Theme 4: WATER SUPPLY AND FLOODING

Strategic Priority 1: Manage demand for and supply of water to reduce the expected impact of water shortages on consumers and on wildlife

Strategic Priority 2: Reduce the carbon footprint of water supply and water heating

Strategic Priority 3: Reduce risks of damage due to flooding

Ref	Action	Timesca le	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
T4SP1.1	Publish and deliver the Water Resources Management Plan	ongoing	Improved 'Supply Demand Balance'	Thames Water	Environment Agency	Last plan produced 2014. Next plan for consultation in 2017		Green
T4SP1.2	Monitor the frequency of occurrence of drought conditions and restrictions on supply	2020	<ul> <li>Hosepipe bans less frequent than every 10 years</li> <li>'Temporary Use Bans' less frequent than every 20 years</li> </ul>	Thames Water	Environment Agency	Passed their Levels of Service "Temporary use ban" is the new name for "hosepipe ban" - Drought Plan - consultation Jan 2017 (fin Autumn 2017)		Green
T4SP1.3	Ensure that Reading's strategic development plans are compatible with expected availability of water supplies	on review of planning policy docume nts	Approval by Thames Water and Environment Agency	Reading Borough Council	Thames Water, Environment Agency	RCCP met RBC to discuss draft Local Plan. Intention is that more stringent water standard will be incorporated in building regulations - With the expected levels of growth the EA should need a Water Cycle Study to be carried out - need to confirm this has been	- EA water resources note that there is a lot of uncertainty in growth - RBC need to go through the Local Plan with EA and TW	Amber

Ref	Action	Timesca le	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
						done and check the outcome (early 2017).		
T4SP1.4	Identify key groups of Reading water users for whom supply restrictions may be business-critical and assist them to become more resilient	2015	Identification of key groups	Climate Berks	Local Economic Partnership, Reading UKCIC, Chamber of Commerce, Thames Water, Environment Agency	No update		Purple
T4SP1.5	Reduce demand for water in existing buildings by providing free water saving devices	ongoing	Deployment of devices to building operators	Thames Water		TW are doing this and meeting OffWat targets.	- Could they be more ambitious though? - What about retrofits?	Amber
T4SP1.6	Incorporate water efficiency measures into development control practice and Reading Borough Council policies.	Mar 2016	<ul> <li>Incorporation of water efficiency as a priority into planning policy reviews.</li> <li>Incorporation of water management into Councils policies.</li> </ul>	Reading Borough Council		The Code for Sustainable Homes is going and LAs only need to implement building regulations.	- Need to review this action in light of the above.	Amber
T4SP1.7	Establish joint working approach with Thames Water, the Environment Agency and Reading Borough Council to engage public support to reduce consumption at times of water stress.	Mar 2015	Establish coordination practices	Thames Water	Environment Agency, Reading Borough Council	Need further update.	Is RBC in comms plan for the Drought Plan?	Amber
T4SP2.1	Work with Thames Water to educate consumers and property developers to reduce the use of hot water	ongoing annual reportin g.	• Target water saving actions to include hot water consumption	Reading Climate Change Partnership	Thames Water, Reading Borough Council	TW are possibly working with British Gas on this.		Red

Ref	Action	Timesca le	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
			• Report on up- take of measures to reduce hot water consumption	Behavioural Change Group				
T4SP2.2	Encourage use of low carbon energy sources to heat water - (see Strategic Priority 3 in Energy Supply section)	July 2014	Produce a list of measures for reducing household hot water wastage/consumpti on.	Reading Borough Council	Reading Borough Council, Thames Water	Action complete but worth revisting.		Green
T4SP2.3	Reduce energy used in water supply and sewage treatment	ongoing	Data submitted to Carbon Reduction Commitment Registry (regulated by Environment Agency)	Thames Water				Amber
T4SP3.1	Issue flood warnings	ongoing	As per Flood Management Programme	Environment Agency	Other principal response agencies	The EA flood warning service is well established and multi agency forums and communication channels exist.		Green
T4SP3.2	Implementation of Council Flood Plan	ongoing	Annual report	Reading Borough Council		The Council's Flood Response Plan is in place with an issue date of Oct 15 and a review date of Oct 17		Green
T4SP3.3	Implement sustainable urban drainage systems (SuDS) in accordance with Planning policies and in delivery of infrastructure	ongoing	Number of new SuDS installed	Reading Borough Council	Developers, Environment Agency (until SuDS Approval Boards take	Tied up systems with the Planning Application system so SuDS should automatically be triggered. However this		Amber

Ref	Action	Timesca le	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
					over responsibility)	needs to be reviewed.		
T4SP3.4	Seek to establish resources to conduct a review of the implementation of effective SuDS across borough	March 2014	Audit report on capability	University of Reading	Reading Borough Council, Environment Agency	No update		Purple
T4SP3.5	Identify properties at risk of flooding and provide advice on resistance and resilience measures	March 2014	Complete survey of users and plan future action	Reading Borough Council	Local Economic Partnership, Reading UK CIC, Chamber of Commerce, Thames Water, Environment Agency	Our properties at risk have been identified. Resistance/resilience measures were offered to those that flooded in 2014 and we offered grants. Advice and signposting is available on our web.		Green
T4SP3.6	Engage with major utilities, service providers and retailers to gain assurance that essential supplies can be maintained in conditions of flood	March 2014	Action plan to do this prepared and agreed	Reading Borough Council	Thames Water Highways Agency, Local Economic Partnership, Reading UK CIC	Major utilities are being liaised with monthly at the Berkshire Resilience Group which comprises all category 1 and 2 responders under the civil contingencies act.		Green
T4SP3.7	Ensure that drainage design is sufficient to allow for increased intensity rainfall in new developments and infrastructure construction/repairs	ongoing	Six monthly report	Reading Borough Council	Environment Agency (until SuDS Approval Boards take responsibility)	No update.	Note that the new EA guidance has been published. New development s need to plan for 20%	Red

Ref	Action	Timesca le	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
							to 40%	
							increase in	
							rainfall	
							intensity	
							with climate	
							change	

## Theme 5: TRANSPORT

Strategic Priority 1: Develop a transport infrastructure which supports more low carbon travel options for people in Reading

Strategic Priority 2: Reduce energy use and embodied energy in transport infrastructure

Strategic Priority 3: Manage transport infrastructure and services to prepare for climate change

Strategic Priority 4: Encourage non-car travel for all sectors of the population, through targeted advice, incentives and enforcement

Strategic Priority 5: Reduce the air pollution from vehicles

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 15)	Key issues	RAG status <sup>7</sup> (Mar 15)
T5SP1.1 <sup>8</sup>	Build pedestrian cycle bridge	Summer 2015	procure, build, monitor use	Reading Borough Council	Sustrans, landowners	Complete	Third party matters delay programme. Timescale does not include monitor use.	Green
T5SP1.2	Launch cycle hire	Spring 2014	monthly use	Reading Borough Council	Various	Launched June 2014 and ongoing monthly monitoring is taking place.	Long term viability - sponsorship being sought.	Green
T5SP1.3	New and upgraded premier cycle routes	ongoing	new links and new facilities	Reading Borough Council, (Local Sustainable Transport Fund		Development of new National Cycle Network route ongoing.	Availability of longer term funding. Network Rail	Amber

<sup>&</sup>lt;sup>7</sup> Red = significant issues with either delivery or resourcing

Amber = work progressing or due to progress but delayed/ not to original timescale; issues but not significant

Green = complete or no issues and on time

Purple = actions which are a good idea, but which are not yet developed or resourced

<sup>&</sup>lt;sup>8</sup> T = theme; SP = strategic priority

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 15)	Key issues	RAG status <sup>7</sup> (Mar 15)
				partnership)		Expected completion Spring 2018. Oxford Road improvements planned for Summer 2017.	delays in delivering Cow Lane improvements have delayed wider improvements to Oxford Road.	
T5SP1.4	Support electric vehicle charging	2015	Quarterly usage stats	Reading Borough Council, business	Car park operators	Chargepoints have been installed at Mereoak and Winnersh Park & Ride sites and will continue to be encouraged as part of new development proposals.	Availability of funding	Amber
T5SP1.5	Apply best practice (from around UK) to road layouts	ongoing during resurfacing programme	reduction in injury accidents	Reading Borough Council		Saftey schemes and annual resurfacing programme on- going		Green
T5SP1.6	Improve pedestrian/cycle facilities at local destinations and local environment	ongoing	New crossings, cycle stands installed; local area enhancements	Reading Borough Council, Local Sustainable Transport Fund partnership	Community, business	Deliver pedestrian & cycle improvements along Oxford Road.	Availability of longer term funding Delays to Network Rail programme have impacted on delivery of improvements	Amber

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 15)	Key issues	RAG status <sup>7</sup> (Mar 15)
							along Oxford Road.	
T5SP2.1	Expand low energy lighting and control (e.g. dimming)	ongoing	monitor energy use	Reading Borough Council, Local Sustainable Transport Fund partnership	SSE	Swap out to LED lighting progressing well and on track for completion in Spring 2018.		Green
T5SP2.2	De-illuminate street furniture	ongoing	monitor energy use	Reading Borough Council	SSE	Decluttering proposals continue to be taken forward as part of wider programmes, including the upgrade of existing illumination to LED or white lighting. Illuminated bollards and signs are being replaced by solar and reflective types as they fail or are damaged.		Green
T5SP3.1	Reallocate road space to public transport and cycling	ongoing	By road or route	Reading Borough Council		On-going implementation of public transport and		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 15)	Key issues	RAG status <sup>7</sup> (Mar 15)
						cycle provision in line with the annual resurfacing programme and policies within the Council's adopted Local Transport Plan and Cycling Strategy.		
T5SP3.2	Improve traffic signal operation	Spring 2015	By junction	Reading Borough Council		Complete	Procurement delays have now been resolved.	Green
T5SP3.3	Management of transport related assets	ongoing	Faults, repair rates, response in extreme weather	Reading Borough Council		Annual programme of resurfacing and repair		Green
T5SP3.4	Give appropriate advice for new development	ongoing	to be developed	Reading Borough Council	Developers	Ongoing		Green
T5SP4.1	Personalised travel planning (arranging travel plan for individuals)	to March 2015	Take customers through questionnaire - conversations held	Reading Borough Council	Businesses	Personalised travel planning programme now COMPLETE.	Business participation	Green
T5SP4.2	Develop financial and non- financial incentives to use sustainable travel methods (e.g. challenges, promotions)	ongoing	Participation, mode shift	Local Sustainable Transport Fund partnership, various	Reading Borough Council	. LSTF Programme complete. Joint funding bid submitted to DfT's Access Fund -	Availability of longer term funding	Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 15)	Key issues	RAG status <sup>7</sup> (Mar 15)
						announcement expected early 2017.		
T5SP4.3	Parking/bus lane enforcement (inc. camera car)	ongoing	to be developed	Reading Borough Council		Ongoing		Green
T5SP4.4	Promote travel information website and open data server	ongoing	Measure use and app development	Reading Borough Council	Media, business	Complete		Green
T5SP4.5	Variable Message Signing (VMS) expansion	Complete	Installation of new VMS displays	Local Sustainable Transport Fund partnership		Variable Message Signs installed at 28 locations, replacing or supplementing lower quality VMS at 12 locations. COMPLETE		Green
T5SP4.6	Introduce a 'smart' ticketing system	to March 2015	Increase sustainable travel	Reading Borough Council, Reading Transport Ltd	Various	Smart ticketing initiative due to be launched Winter 2016, integrating cycle hire, car clubs and public transport.	Potential for wider integration with other services/ modes dependent upon business cases and commercial agreements between third parties.	Amber
T5SP4.7	Social media use for travel planning	ongoing	More reliable journey planning	Community, business		Complete	Availability of future funding; accuracy of data for journey	Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 15)	Key issues	RAG status <sup>7</sup> (Mar 15)
							planning if sourced from third parties.	
T5SP4.8	Planned extension of 20mph speed limits/zones as appropriate to local conditions	ongoing	New schemes annually	Reading Borough Council, Police		Eastern area 20mph zone complete. Other 20mph zones are being considered as part of wider packages.		Green
T5SP5.1	Extend park and ride	March 2015	New park and ride southeast, south & west	Reading Borough Council	West Berks and Wokingham councils, Local Sustainable Transport Fund partnership and train operating companies, Business	Mereoak and Winnersh Park & Ride sites operational. RBC developing East Reading MRT with the aim of serving planned park and ride facilities at Thames Valley Business Park.	Subject to planning approval.	Green
T5SP5.2	Parking management	ongoing	Restrictions, enforcement	Reading Borough Council		Annual SPA programme		Green
T5SP5.3	Journey time monitoring system	2014	Journey time reliability	Reading Borough Council, Local Sustainable Transport Fund partnership		Installation of Bluetooth sensors COMPLETE.		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status <sup>7</sup> (Mar 15)
T5SP5.4	Reduce carbon footprint of public transport		Improve Euro class and number of lower carbon buses to fleet	Reading Transport Ltd		<ul> <li>(Mar 15)</li> <li>35 CNG buses introduced to fleet.</li> <li>81 no new Euro class 5/6 buses introduced since 2013</li> <li>Gas fuelling station installed and Reading Bus depot in Great Knollys Street in 2013</li> </ul>	CNG fuelling economics improved greatly by installation of CNG fuelling station at Great Knollys Street  Air quality also improved greatly due to low NOx emissions from CNG fuel combustion.	Green

# Theme 6: PURCHASING, SUPPLY AND CONSUMPTION

Strategic Priority 1: Enable people to make sustainable purchasing choices

Strategic Priority 2: Support and encourage local purchasing and the development of local supply chains

Strategic Priority 3: Promote and encourage new business models focused around the 'circular economy'

Strategic Priority 4: Develop standards and the commitment to sustainable procurement in both the public and private sectors

Strategic Priority 5: Increase recycling rates

Strategic Priority 6: Reduce waste by supporting the re-use and repair of products and materials

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
T6SP1.1	Identify/support best practice champions in key areas	Sept 14	Form a delivery group, recruit champions	Reading Borough Council	Connect Reading	Invitation to become Best Practice Champion posted on the RCAN <sup>9</sup> website	Lack of resource to progress this proactively	Purple
T6SP1.2	Gather information on best practice	March 15 then on going	Publish best practice from delivery group on RCAN website.	Reading Borough Council		List of sources of best practice posted on the RCAN website		Green

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<sup>&</sup>lt;sup>9</sup> Reading Climate Action Network <u>www.readingclimateaction.org.uk</u>

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
T6SP1.3	Establish a forum for sharing ideas	Mar 15 then on going	Forum launch	Reading Voluntary Action	Reading International Solidarity Centre (RISC)	Reading Green Business Network (www.rgbn.org.uk) hosts events listings from the other delivery partners and third parties and provides forums where ideas can be shared. Content promoted through RCCP Twitter Feed (@ClimateRDG)		Green
T6SP2.1	Publish impartial/ peer reviewed information to guide local purchasing for dissemination.	ongoing	Toolkit developed to support local companies to access public contracts.	Demeter (commission ed by Institute for Sustainabilit y)		Re:Start Local project undertaken with local Small and Medium sized Enterprises and report posted on the RCAN website. This action is COMPLETED		Green
T6SP2.2	Compile information guide identifying the key standards and kite-marks	March 14 March 15	<ul><li>set up initial info source</li><li>provide formal guide then update ongoing</li></ul>	Reading Borough Council	Institute for Sustainability, Energy Savings Trust, University of Reading	Links to T6SP1.2 - guide to best practice, labels and standards posted on the RCAN website. This action is COMPLETED		Green
T6SP3.1	Organise regular seminars on key subjects such as circular economy	Sept 14	First seminar; 1 per annum	University of Reading		Food Security and Climate Change event took place on May 23 <sup>rd</sup> 2016.		Green
T6SP3.2	Establish a group of organisations that have an interest in exploring 'circular	September 2014	Group established	Kyocera Document Solutions (UK) Ltd		Circular Economy Group set up on Reading Green Business Network website (www.rgbn.org.uk) and	Reading Climate Change Partnership mailing lists are	Purple

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
	economy' approaches					registered companies invited to join	owned by Reading Borough Council and ongoing recruitment depends on availability of resource to maintain contact with them	
T6SP4.1	Link up with existing public and business sector initiatives and build on current standards/procedures	Sept 16	First group of businesses and organisations to have produced a Purchasing Supply and Consumption/ Waste Plan	Reading Borough Council	Environment Agency, NHS, Kyocera Documents Solutions UK Itd, Connect Reading	Not started. Reading Climate Change Partnership board members to be asked to share best practice.	No resource exists at RBC to drive this.	Purple
T6SP4.2	Develop local diverse, flexible supply chains and work with them to improve environmental standards of procurement	Sept 14	RE-Start Local Project. Work with 60 Small and Medium sized Enterprises to outline public sector opportunities and standards.	Reading Borough Council	Institute for Sustainability	Re:Start Local project undertaken with local Small and Medium sized Enterprises and report posted on the RCAN website. This action is COMPLETED		Green
T6SP4.3	Explore the potential to develop an accreditation scheme with Reading businesses	Mar 15	Initial feasibility	Kyocera Document Solutions (UK) Ltd.	Other champions identified through group.	Survey prepared for circulation to all companies who have expressed an interest in the Climate Change Strategy, via RGBN website and Reading Borough Council database.  This action is COMPLETED		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
T6SP4.4	Nominate commercial and public sector "champions" in Reading area to highlight best practice	March 15	recruit champions in each sector	Reading Borough Council	Environment Agency, NHS, Kyocera Documents Solutions UK Itd, Connect Reading	Case studies published on RCAN website. No more have been added since the original 3.	No resource available at RBC to drive this.	Purple
T6SP4.5	Hold collaborative workshops between public and private sector procurers in Reading and other local Council areas to discuss/share knowledge	Sept 14	First workshop (annually thereafter)	Reading Borough Council	Business champions	Workshops have been held with suppliers, particularly around reducing travel and energy costs in their operations.  Re-Start Local project also carried out workshops and drop ins.	No resource available at RBC to drive this.	Purple
T6SP4.6	Develop financial and non-financial incentives (e.g. challenges, promotions) and competition.	Dec 14	Category award best organisation for Sustainable procurement/waste.	Reading Climate Change Partnership	WRAP		This has not been moved forward. Query over availability of resource, needs to be revisited by the board.	Red
T6SP4.7	Hold joint demand/supply chain events to bring local procurers and SME suppliers closer together pre competition	Sept 14	RE Start Local project	Institute for Sustainabilit y/ Reading Borough Council		3 "Meet the Buyer" events were held for local companies	This was a one- off action and should be marked COMPLETE	Green
T6SP5.1	Continue to seek ways to improve Council collections and apply known best practice	March 15	Review of Council Collections	Reading Borough Council	Re3	Progressed through the Waste Minimisation Strategy 2015- 2020.		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
T6SP5.2	Research/map and validate currently available methodologies and update knowledge	March 15	Set up initial info sources	Institute for Sustainabilit y	Reading Borough Council	No progress		Purple
T6SP5.3	Disseminate knowledge and best practice in relation to recycling across the Borough to all communities and sectors	ongoing	re3 partnership - integrate into review	Reading Borough Council	Re3	The Waste Minimisation Strategy 2015 -2020 was adopted in March 2015; a key action is to disseminate knowledge and improve understanding of recycling via a communication strategy.		Green
T6SP5.4	Work with businesses to improve the uptake of recycling of trade waste and to collaborate on finding markets for surplus goods and materials	March 14	Town centre recycling cardboard contract	Reading UK CIC	Connect Reading	Town centre cardboard recycling projects and Broad Street Mall food digester already in place.	Should be marked COMPLETE.	Green
T6SP6.1	Use networks and variable communication methods to inform /encourage reduction, reuse and recycling, peer to peer lending and collaborative consumption	Sept 14	Information made available through web and other media.	re3 Partnership	Sue Ryder, Transition Town Reading, share & repair café	Summary of resources posted to RCAN website. New "links" area added to RGBN website, which can be maintained by non-RBC personnel.		Green

Ref	Action	Timescale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure	Key issues	RAG status
T6SP6.2	Identify particular examples/case studies (Reading and beyond) of innovative approaches to waste reduction, recycling and reuse.	March 15	% waste reduction for subsectors of borough to 2018	Reading Borough Council	WRAP, Community sector	The Waste Minimisation Strategy 2015 - 2020 addresses all aspects of waste reduction, recycling and reuse and includes recycling targets for 2017 an 2020 and includes benchmarking and service delivery systems reviews based on best industry practice.	Target doesn't match the action - still awaiting response from Dave Moore	Red
T6SP6.3	Set up special interest working group to study and report on best practice and innovations.	March 15	form a special interest group, source initial case studies/info 1 year: source resources to deliver messages/seminars year 2	Reading Borough Council		No progress	No resource exists at RBC to drive this.	Purple
T6SP6.4	Promote and disseminate knowledge widely re practical approaches	year 1 and ongoing	% waste reduction for subsectors of borough to 2018	Kyocera		No progress	This activity should not be led by Kyocera - no expertise exists in the company on municipal waste management. Should be owned by RBC, query over availability of resource.	Purple

# Theme 7: EDUCATION, COMMUNICATION AND INFLUENCING BEHAVIOUR

Strategic Priority 1: Further integrate sustainable behaviour promotion and practice throughout schools, colleges, universities, and workplaces

Strategic Priority 2: Ensure that communication which is aimed at influencing climate change related behaviour is delivered in a consistent and targeted way

Strategic Priority 3: Engage organisations in the private sector, including residential and commercial landlords, in effective action to mitigate climate change

Strategic Priority 4: Develop the market for climate change related local business and the skills to ensure that local jobs are created in line with the growing low carbon economy

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
T7SP1.2 <sup>11</sup>	Encourage each sector to develop plans to enhance education on climate change	July 2014	Identify opportunities and establish relevant educational resources	Reading Borough Council	School leads, Colleges and University of Reading	RCCP has funded some work with schools via Climate Voices Programme - a model Climate Summit in December 2015, and a Summit and further conference planned July and November 2016. At least 5 Reading schools	If we want an overarching plan or awareness of what each sector is doing, we need to pull the various actions into something coherent and raise awareness of what's going on.	Amber

<sup>&</sup>lt;sup>10</sup> Red = significant issues with either delivery or resourcing

Amber = work progressing or due to progress but delayed/ not to original timescale; issues but not significant

Green = complete or no issues and on time

Purple = actions which are a good idea, but which are not yet developed or resourced

<sup>&</sup>lt;sup>11</sup> T = theme; SP = strategic priority

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
						involved.  RISC has done education work around climate change and sustainability in a number of schools. And particularly worked on local food growing with the Food4Families project, and the roof garden.		
T7SP2.1	Develop a media and communications strategy for the Climate Change Strategy targeted at and tailored to all relevant audiences, delivering consistent and relevant messages	March 14	Strategy delivered Communications plan delivered	Reading Borough Council	Environment Agency, University of Reading, Reading UK CIC	No development of a media and comms strategy BUT some positive activity happening: EA Climate Ready resources are available on <a href="http://climateuk.net/resources">http://climateuk.net/resources</a> .  John Booth (via GREN) has set up a series of public climate change talks. Chris Beales gave the first talk on "Extreme Events and Climate Change" (see www.chrisbeales.net for more info).	Significant restructuring within the EA, and reduction in staff resources, means there is limited time to focus on climate change. Also note that Defra has not continued funding for the EA Climate Ready support service (finished on 31 March 2016). This will impact on future resources. Need to identify 'relevant audiences' and develop a plan. RCAN - lack of business community engagement. More	Amber

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
							promotions of 'challenges' needed - and these need to belinked with the Climate Action Plan	
							No current 'home' for the resources coming out of those climate change talks - could RCAN website be an appropriate place - we need to be clear who is responsible for developing this	
T7SP2.2	Engage partners in identifying potential communication channels for the various activities within the strategy and agreeing how these can be utilised	March 2014	Implement communication strategy with relevant organisations to expand participation	Reading Climate Change Partnership Board	Environment Agency, University of Reading, Reading UK CIC	Follow on from above action	Dependent on communication strategy in action T7SP2.1	Amber
T7SP2.3	Seek agreement through the Local Strategic Partnership that key partners will identify potential means to communicate messages and/or work in partnership - especially through existing communication channels	Sept 14	Take paper to Local Strategic Partnership outlining key messages and list of organisations that could disseminate	Reading Climate Change Partnership Board	Environment Agency, University of Reading, Reading UK CIC	Action outstanding	Change to RCCP Board chair and membership has resulted in a loss of ownership of this action	Red
T7SP2.4	Review membership of the Behaviour Change sub-group and its role in supporting strategy delivery	March 14	Develop programme	Reading Climate Change Partnership		It was felt that the Behaviour Change group did not need to re-form until there is a		Green

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
				Board		specific target for any research they might carry out		
T7SP2.5	Use current available academic research to inform communications for the public and public sector approaches	ongoing	Linked to programme in T7SP2.4	Reading Climate Change Partnership Behaviour Change Group tbc	Reading Borough Council and other public sector organisations	As 2.4		Green
T7SP2.6	Share findings and approach of behaviour change group with community groups and other relevant agencies	March 2014	policy evidence base	Reading Climate Change Partnership Behaviour Change Group		As 2.4		Green
T7SP2.7	Identify and support climate change schemes in the borough that meet the Strategic Priorities of the strategy; help to improve image of schemes and enhance uptake	Sept 15	Establish list of schemes and their hosting groups and organisations.	Reading Climate Change Partnership Behaviour Change Group	Reading Borough Council	As 2.4		Green
T7SP2.8	Define and consider target group(s) who may not take up measures and therefore remain vulnerable to climate change; consider measures that are suitable for these people	Sept 15	Establish a list of key vulnerabilities to Climate Change.	Reading Climate Change Partnership Behaviour Change Group	Education and training providers, Citizens Advice Bureau, Reading Borough	As 2.4		Green

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
					Council			
T7SP2.9	Promote Reading Local Exchange and Trading Scheme, Time Banking and FREEGLE, to community groups, businesses and residents using existing communication channels Link in with wider communications plan for schemes in action plan.	Sept 14	Year 1 - Research existing activities and raise awareness Develop messaging that encourages use of these schemes.	Reading Borough Council	Reading Voluntary Action, Connect Reading, Partnership between business/com munity/public sectors	Promotion is happening through other channels but doesn't feel connected into this action plan.	No coherent approach to this but lots of vibrant activity from Bike Kitchen, LETS etc - but they don't feel part of the Climate Change Strategy or action plan	Amber
T7SP2.10	Build trust and reputation between exchangers to reduce equipment ownership; identify specific examples and share best practice. Publicise through media	Sept 15	Publicity from public sector and community groups, use best practice and share success stories	Reading Borough Council	Reading LETS, Freegle, Repair Cafe and Reading Bike Kitchen	No action known, but we do now have some contacts who may be interested in taking this forward	Need to identify a lead within RBC	Amber
T7SP2.11	Develop a website to communicate updates on the action plan & actions that are relevant to the strategy aims. Aimed at 'the converted' (not general public)	ongoing	target needs to be developed	Reading Borough Council or RCCP Board??	Theme leads	No progress	Admin resource to support RCCP first needs to be recruited Need to make sure we are no duplicating the RGBN website - perhaps a conversation about websites, and what goes where, how they are resourced, and how to make the most	Red

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
							of them without duplication, on limited resource?	
T7SP2.12	Build a 'thriving network of businesses and organisations who will be at the forefront of developing solutions for reducing carbon emissions and preparing for climate change'	ongoing	target needs to be developed	Reading Borough Council or RCCP Board??	RCCP Board organisations	RCCP Board made up of network of businesses	RCAN events can further support but admin support first needs to be recruited	Amber
T7SP3.1	Develop accessible media options for officers to promote energy efficiency measures and the products available	Oct 2015	Develop accessible media options for officers to promote energy efficiency measures and the products available.	Reading Borough Council		No progress	Changes in government offer Green Deal/ ECO, lack of resource to develop targeted campaign.	Red
T7SP3.2	Work with landlords, lettings and managing agents to ensure minimum EPC compliance and encourage improvements in the sector.	Oct 2015	Produce a web based video. Milestones include developing a storyboard and identifying a partner to produce the video	Reading Borough Council	Reading College	Since the end of January 2016 RBC has been visiting letting agents as part of a wider piece of work which has included advising them of their EPC obligations. We will continue doing this over the next year and will also be looking to do some work with landlords to raise awareness. This work forms part of		Green

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
						our private rented section charter (action plan) in order to improve the conditions in the PRS		
T7SP4.2	Work with the building industry, professional bodies and educational establishments to identify and further develop training or guidance on low-carbon construction and renovation skills as part of Elevate Reading	Sept 15	Inclusion of this target in Economic Growth Plan for Reading 2015-2018 will ensure that report on uptake of training/apprenticeships in low-carbon construction will be included in reporting for the Economic Growth Plan	Reading UK CIC - not able to be involved as lead partner	Reading Borough Council, New Directions, Trades Associations Reading College	Reading College is: Aiming to reduce the carbon footprint of the College, the main progress areas are -  • Addition building controls systems added to improve efficiency of the heating systems  • Controls and LED lighting for external areas.  • Detectors fitted to classroom and corridor lighting, lights turn off when not in use.  • LED lighting replacement in classrooms  • Water saving in toilets, fitting of controls to facilities.  While this relates more to the use of the estate rather than developing training it does encourage	There is no lead partner to take this forward more strategically - we need someone from Elevate Reading and the Economic Growth Plan to help shape the direction of this strand. However individual institutions are taking action.	Amber

Ref	Action	Timescal e	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (May 16)	Key issues	RAG status <sup>10</sup> (May 16)
						students to be aware of opportunities to not only change their behaviour but influence others'		
T7SP4.3	Encourage businesses and public sector to incorporate environmental sustainability into appropriate job descriptions, identifying appropriate training where needed	March 2015	Assessment of senior management jobs at RBC	Reading Borough Council		Not yet started.	Probably is plenty of this going on in separate businesses and agencies - but need to pull together understanding of what, and be able to share learning.	Red

#### Theme 8: COMMUNITY

Strategic Priority 1: Building community activity relating to sustainable communities

Strategic Priority 2: Build community resilience to climate change and self-sufficiency (collective and individual)

Strategic Priority 3: Reduce consumption by building a 'sharing economy'

Strategic Priority 4: Build an 'alternative economy' focussed on quality of life and emphasising sustainable communities

Ref	Action	Timesc ale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key Issues	RAG status <sup>12</sup> (Mar 15)
T8SP1.1	Identify groups carrying out activities supporting sustainable communities in Reading.	June 2014	Establish activity groups through RCAN <sup>14</sup> with a range of projects/ activities	Reading Climate Change Partnership Board		RCAN meetings on food and energy in 2015 See also action 2.4	RCAN events became unresourced after Nov 2015.	Purple
T8SP1.2	Build relationships with 'non- environmental groups'; encourage uptake of sustainable community related activities through a 'campaign' or	•Sept 2014 •June 2015 •Sept 2015	<ul> <li>Build relationships in launch year. Trial methods of promotion.</li> <li>Design and build campaign</li> <li>Find resources to launch campaign</li> </ul>	Reading Climate Change Partnership board	Reading Borough Council, Reading Voluntary Action, Greater Reading Environment Network,	Other groups doing through their campaigns and events - e.g.:  Reading town meal (1st Oct 16)  Reading Bike Kitchen has high profile presence in town,	Not all resources in place. Appetite for 'big campaign' by Reading Climate Change Partnership board unchecked. Promotions through grants is taking place	Amber

<sup>&</sup>lt;sup>12</sup> Red = significant issues with either delivery or resourcing

Amber = work progressing or due to progress but delayed/ not to original timescale; issues but not significant

Green = complete or no issues and on time

Purple = actions which are a good idea, but which are not yet developed or resourced

<sup>&</sup>lt;sup>13</sup> T = theme; SP = strategic priority

<sup>&</sup>lt;sup>14</sup> Reading Climate Action Network <u>www.readingclimateaction.org.uk</u>

Ref	other forms of promotion, in line with actions identified in EBC SP2. design and build and launch a campaign to promote climate friendly activities to 'non environmental groups'	Timesc ale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners  Reading International Solidarity Centre, community forums, Reading Climate Action Network members	Progress against target and measure (Mar 16)  • RISC - Reading International festival as well as all year round program of events	(i.e. presence at Reading Town Meal in October).	RAG status <sup>12</sup> (Mar 15)
T8SP1.3	Sustain and improve 'environmental' community organisations by improving links between groups contributing to tackling climate change.	July 2014	Use Reading Climate Action Network (RCAN) to build a two way direct and quality communication between Reading Climate Change Partnership and environmental community groups.	Reading Climate Change Partnership Board	Key environmental groups (TBC), options include Greater Reading Environmental Network, Transition Towns Reading, Econet, Globe Groups	<ul> <li>RCAN event in 2015 gave info on action updates from community sector mainly; but no events in 15/16</li> <li>Reading Climate Change Partnership project support fund assisting with building relationships as groups highlight their project for financial support.</li> <li>Supporting Reading Sustainability Centre in kind with hydro project.</li> </ul>	No resource for RCAN events in 15/16	Purple
T8SP2.1	Build uptake of energy efficiency, renewable energy & energy co-ops as well as (communal) food growing.	Sept 2014	<ul> <li>Identify &amp; approach potential asset holders.</li> <li>Identify 3 community assets to invest in energy efficiency, food growing and renewables.</li> <li>Seek investment to</li> </ul>	Reading Borough Council	Transition Towns Reading, Greater Reading Environmental Network, Reading Voluntary	<ul> <li>Action complete - solar housing project concluded (457 solar panels installed) and community solar project delivered.</li> <li>Food growing activities continuing</li> </ul>	Reading Hydro group still going, waiting on planning permission from RBC and EA.	Green

Ref	Action	Timesc ale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key Issues	RAG status <sup>12</sup> (Mar 15)
	Engage appropriate asset holders and develop local schemes.		benefit those who come forward.		Action, GLOBE groups, Food4 Families,			
T8SP2.2	Communal food growing together and learning; continuation of Food4Families; support allotment and food growing activities	Sept 2014	<ul> <li>Provision of allotment space in accordance with allotment strategy 2011</li> <li>Establish 15         Food4Families food growing gardens         Establish networks / events that help promote food growing and local food.     </li> </ul>	<ul> <li>Reading Borough Council</li> <li>Food4 Families / Reading Food Growing Network.</li> </ul>	Transition Town Reading (orchard and bulk buying sub-groups); organisations with buildings/ grounds	<ul> <li>Reading Town Meal ongoing and was crowd funded. Has become an annual event.</li> <li>Food 4 Families ongoing, and are linked to Reading Food Growing Network, and Reading Town Meal.</li> </ul>		Green
T8SP2.3	Identify potential for a 'showcase facility' (city farm) where local people can learn about the opportunities to grow food, harness natural products and develop skills	March 2014	Complete research into viability of city farm in Reading     Consider report produced and revise action plan accordingly.	Spring Board		<ul> <li>Green Health Reading has a small scale farm / allotment, helping vulnerable.</li> <li>Spring Board seed funding has ended.</li> </ul>	GHR still wants to deliver a city farm but needs funds and land to do this.	Purple

Ref	Action	Timesc ale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key Issues	RAG status <sup>12</sup> (Mar 15)
T8SP2.4	Develop a network of accessible self-sufficient community buildings supporting skill development and providing local food.	June 2014	Complete mapping exercise of community buildings	Reading Borough Council	Reading Voluntary Action	No progress		Purple
T8SP2.5	Build householders / individuals resilience in a number of ways; growing food, generating energy, insulating homes, planting trees, installing rainwater harvesting and composting food/garden waste.	Sept 2014	<ul> <li>Increase numbers of households adopting measures</li> <li>Develop monitoring indicators</li> <li>Design suitable messages, to target particular groups of householders</li> </ul>	Reading Climate Change Partnership	Reading Borough Council	<ul> <li>Awareness event: Reading Climate Forum on Mon 26 Sept</li> <li>Tilehurst Globe and Caversham and District Residents Association have recently done events on energy efficiency in the home.</li> <li>Generating energy - RBC 460 council homes installed with solar panels and 76 given energy efficiency advice.</li> <li>High uptake of solar pre-fit slash on 15<sup>th</sup> Jan 2016.</li> </ul>		Amber
T8SP2.6	Influence government policy to favour and link local food growers to commercial organisations	TBC	Obtain funding, conduct research (surveys)	University of Reading		No update available		??

Ref	Action	Timesc ale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key Issues	RAG status <sup>12</sup> (Mar 15)
T8SP3.3	Build 'share and repair' movement, increasing skills in the community and reducing waste	March 2015	1.Establish sharing network 2. Identify community champion(s) 3. Establish list of organisations that can repair and refurbish products	Transition Towns Reading	Greater Reading Environmental Network, Reading Voluntary Action	<ul> <li>Reading Bike Kitchen doing very well.</li> <li>Monthly Repair Café still going strong.</li> </ul>		Green
T8SP3.4	Mainstream sharing initiatives in Reading residents / businesses culture	March 2016	Recruit business partners and expand network	Transition Towns Reading / Connect Reading (to be identified)		As 3.3	No progress, or resources.	Amber
T8SP4.1	Conduct research into local outlets that would consider trading in a Reading pound to strengthen the local economy	Dec 2014	Complete research project	Transition Towns Reading	Local businesses	No progress	Action needs to be discussed further with the community	Purple

Ref	Action	Timesc ale	Target & measure/ milestone	Lead delivery partner(s)	Other delivery partners	Progress against target and measure (Mar 16)	Key Issues	RAG status <sup>12</sup> (Mar 15)
T8SP4.2	Support local economy to explore methods used in UK towns and cities to increase local identity and build number of local businesses	• April 2014 • June 2014	Build research group of interested organisations/ individuals (tastecard/ wedgecard/ Bristol £ etc).     First meeting	Transition Towns Reading	Reading Borough Council, Reading UK CIC Federation of Small Businesses, Reading Voluntary Action (Highbridge exchange / The Real Business Club),	No progress.	Action needs to be discussed further with the community	Purple
T8SP4.3	Rebalance Reading's 'corporate image' Alt.Reading website- magazine focussing on independents, culture and opinion of and from Reading.	• Jan 2014 • TBC	Launch website     Compile independent business directory	Alt.Readin g		<ul> <li>Alt Reading- website is doing well</li> <li>A new facebook group is creating a similar on-line presence 'theDing'</li> </ul>		Green