

## Annex 2: Action Plan for working smarter for the environment

	How we will work smarter for the environment:	Resource (where multi-service, the service listed first has lead role)	Timescale	Indicator	Benefits
<b>1. Embedding environmental considerations in decision making across council services</b>					
1.1 Page 49	<p><b>Screening major decisions:</b> Introduce screening of the environmental impacts and risks from the environment for relevant council policies and projects, via gateways including Cabinet and Investment Panel and project planning processes.</p> <p>We will support officers in their assessments by developing guidance and monitoring and evaluating compliance with this process and the benefits achieved.</p>	Democratic services Strategy and Performance Place and Sustainability	From Dec 16	Number of major projects/policies appraised	<p>Overall value for money in council services and operations</p> <p>Clarity and consistency for staff resulting from additional guidance</p> <p>Clarity and consistency for residents and partner organisations resulting from joined up approach across the council</p>
<b>2. Resource efficient buildings and operations</b>					
2.1	<p><b>Water market reform*:</b> Investigate opportunities and business case for water consumption savings, resulting from water market reform</p> <p>* From April 2017, businesses and other non-household customers in England will be able to choose their supplier of water and wastewater retail services. Regional water suppliers will supply water and sewage services to 'water retailers'. Water retailers will offer a package to customers, including customer services and support to reduce water consumption e.g. smart metering. It is intended that competition between water retailers will improve service quality and reduce costs for customers.</p>	Energy team, Property	Open Water market reform from April 2017	<p>Number of sites with Automated meter reading (AMR) installed for water</p> <p>Water consumption on own estate</p>	<p>Reduced water consumption supporting smart economic growth and demonstrating support for Flood Risk Management partner organisations with respect to water conservation objectives</p> <p>Overall cost savings to council from reduced water consumption</p>
2.2	<p><b>Joined up messages:</b> Integrate energy (and water if relevant) efficiency and recycling messages to staff, targeting our largest sites</p>	Place and Sustainability Communications Property	Deliver campaign 2017/18	<p>Levels of staff awareness of behaviours expected</p> <p>Tonnage of waste arising and recycled</p>	<p>Clarity and consistency for staff to understand their role in helping to protect the environment at work and increased efficacy</p>

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2.3	<b>Evidence based parking policy decisions:</b> Ensure car parking review (as per Pay and Reward strategy) builds on the evidence of implementation of car parking measures piloted to date e.g. Quadrant Court charging policy, dedicated bays etc. and best practice amongst other authorities	Property HR Place and Sustainability	16/17 and 17/18	tbc following project set up	Efficient use of resources (car parking resource/land use, administration of systems, service staff time)  Greater fairness towards staff and increased acceptance of policy
2.4	<b>Virtual meetings and working for reduced business travel:</b> optimise use of IT capabilities for communication and collaboration by encouraging the use of Skype for voice, video, document files and live sharing/presenting and use of Jive for virtual workspaces, as part of the Digital workplace project.	IMT HR Sustainability and Place Communications	tbc, dependent on Digital workplace project	Number of staff using Skype for scheduled virtual meetings (subject to setting up monitoring) Number of staff using Jive	Reduced business travel cost claims, emissions and more efficient use of staff time
Page 50	<b>Effective lift sharing system:</b> Review lift sharing offer to staff, for business travel and commuting, to ensure the system is fit for purpose i.e. provides an easy and effective matching system making the most of innovations in software applications, considers integration with council meeting arrangement systems and provides value for money to the council	Sustainability and Place Property HR	16/17	Number of staff using car share matching service	Reduced pressure on car parking  Reduced business mileage and emissions

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2.6 Page 51	<b>Low carbon vehicles for business travel:</b> Increase access to cost effective low emissions vehicles for business travel by working together across the council	Place and Sustainability Property HR	Ongoing	Usage of electric vehicle charging points  Number of electric and hybrid vehicles leased by staff  Usage of car club vehicles for business travel	Improvement in air quality and carbon emissions from reduced car travel  Reduced road congestion supporting smart economic growth  Recruitment and retention of staff through 'pool car' option widening options for commuting, especially from London and in hard to fill sectors  Overall cost savings to council from business mileage travel savings (or cost neutral but with wider benefits)
2.7	<b>Pupil engagement:</b> Increase the number of schools engaged in Eco Schools and Ashden Less CO2 programmes by better signposting/access to resources and widening engagement to include pupil participation	Place and Sustainability Communications Property Schools	Ongoing	Increase in number of schools participating in schemes	Pupil learning opportunities  Citizenship  Improvement in quality of school grounds and surrounding areas
2.8	<b>Access to funding for schools and corporate estate:</b> We will investigate options to make the council's school energy efficiency advisory service more self-financing, in order to continue/extend support to schools submitting SALIX loan applications and appointing contractors for energy efficiency works.	Property Schools Place and Sustainability	Ongoing	Energy consumption in participating schools	Cost savings for school utility budgets  Emissions reduction across own estate including maintained schools  Improved air quality, in cases where oil boilers are removed

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<b>3. Suppliers environmental impacts and risks</b>					
3.1	<b>Social Value Act:</b> Introduce environmental weighting into contracts to support social value, by expressing a range of social and environmental benefits in financial equivalents and including this in contract evaluation	Service contract managers (Procurement) Surrey Procurement group Place and Sustainability	Pilot on targeted contracts Sept 2016 - May 2017	Value added, using Social Value Measurement Framework	Various environmental benefits and associated cost savings from resource efficiency
3.2	<b>Supply chain risk management:</b> Review business continuity requirements in supply chain service contracts to ensure they take account of the need for suppliers to prepare for increased frequency and severity of extreme adverse weather e.g. flooding and heatwaves	Service contract managers Procurement Place and Sustainability	From April 2017	All contracts to require business continuity plans - plans reviewed and updated as part of contract management (proportionate to the level of risk associated with the service/contract)	Risk management i.e... less chance and lower severity of environmental threats affecting suppliers and thus reduced negative consequences for reliability in service delivery and contract costs
<b>4. Air quality and lower carbon transport</b>					
4.1	<b>Transport policy development:</b> Work to secure resources to develop plans for: a) Electric and hybrid vehicles, covering public charging network, introducing EVs into the council's fleet, working with partners, including bus operators, to increase uptake of EVs in their businesses and supporting innovation (R&D) in the field of electric and hybrid vehicles b) Walking Strategy, harnessing the TravelSMART legacy and opportunities in Pavement Horizon for resurfacing footways	Place and Sustainability	Ongoing	n/a	Having a strategies in these areas increases support for funding bids and sets out our position in relation to other partners to enable a larger scale of programme and benefits

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4.2 Page 53	<b>Air quality around schools:</b> Work with schools to improve air quality in the vicinity of schools, through introducing Air Quality considerations into travel planning and school sustainable travel initiatives	Place and Sustainability Schools	2016/17 onwards	Number of school travel plans including measures to monitor and improve air quality	Health benefits to pupils from improved air quality and from additional physical activity from use of active modes of travel  Teaching and learning opportunities from gathering and analysing empirical evidence from diffusion tubes, where there are installed in the future

### 5. Community and estate resilience to future climate impacts

5.1	<b>Resilience at a community level:</b> a) Extend 'Surrey Prepared' branding to be used by more services across the council and wider partners to create consistency and increase dissemination of tools and training available b) Encourage communities to extend scope of work to address risks and impacts associated with a changing climate beyond flooding e.g. to include heat waves	Community Resilience Partnership (assumes continuation of Community Resilience Officer Post ) Emergency Planning Surrey Fire and Rescue Service	Ongoing	Number of recipients, increase in number of info requests, recognition from other authorities	Protection of most vulnerable from physical harm and anxiety and reduce damage to property through well informed individual/community response to emergency situations  Minimise increase in demand for emergency service response during time of incident, allowing better deployment of resources
5.2	<b>Develop a Seasonal Health Strategy:</b> this will include raising awareness of the health risks of seasonal changes in weather and promote preparedness for extreme weather events. We will create a countywide multi agency approach for consistent messaging, signposting and awareness of funding opportunities to improve the living environment and support independent living eg energy efficiency measures	Steering Group led by Public Health and include Place & Sustainability, Community Partnerships, Action Surrey Age Uk	Final draft by April 2017 Consultation April - June 2017 Strategy launch September 2017	Published Strategy	Provide greater resilience at local level to vulnerable groups  Preventative action to reduce hospital admissions  Improve the energy efficiency of the county's housing stock

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5.3	<p><b>Temporary Flood Defence:</b> We will work in partnership to support innovative ways to address the risks/impact of flooding at local level: Surrey Local Resilience Forum will work with Environment Agency on a temporary flood defence project to enable efficient deployment in Surrey at appropriate times and to pre-identified locations</p>	Surrey Local Resilience Forum	At consultative stage for draft plans	Local temporary flood defence deployment plan	<p>providing community resilience measures to homes and communities to make them more resistant to flooding</p> <p>protect against disruption to the local and regional road network</p>
5.4	<p><b>Sustainable Urban Drainage Systems (SUDs):</b> We will investigate opportunities to implement Sustainable Drainage Systems on our own estate to safeguard against future environmental risks, and reduce localised flooding. Initial step:</p> <p>i. scoping exercise to identify the number of new property projects which could include SuDS and existing buildings where retrofitting SuDS would provide positive local benefits based on the above findings:</p> <p>ii. develop a procedure and local standards to consider and include SuDS, where appropriate, and in a cost-minimal way, across new construction works carried out by SCC including: new builds, council-owned school extensions, retrofitting in existing buildings and in highway, footway and infrastructure design.</p>	Strategic Resilience, Highways Property	Oct 2016 - March 2018	<p>Number of projects appraised for SUDs</p> <p>Numbers of projects implemented including SUDs</p>	<p>Reduces severity of flooding of adjacent areas through moderation of surface water run-off and increases ground water recharge for supply side</p> <p>Demonstrates leadership to other organisations, in support of council's Flood Risk Management role</p> <p>Wider benefits depending on scheme include habitat creation, air quality and amenity improvement from increased vegetation, thermal comfort improvement in adjacent buildings</p>