

## 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>					
Page 301	<p><b>Screening major decisions:</b> We currently screen major decisions for carbon and climate risks. This will be augmented to screen environmental impacts and risks for relevant council policies and projects, via gateways including Cabinet and Investment Panel and project planning processes.</p> <p>Guidance will be developed to support officers and evaluation will be carried out to assess approach and benefits achieved.</p>	Democratic services 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 consumption</p> <p>Water consumption on own estate</p>	<p>Reduced water consumption in context of water scarcity in south east</p> <p>Overall cost savings to council from reduced water consumption</p>

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2.2	<b>Joined up messages:</b> Integrate energy (and water if relevant) efficiency and recycling messages to staff, targeting our largest sites and making it easier for staff to 'do the right thing'	Place and Sustainability Communications Waste Property	Deliver campaign 2017/18	Levels of staff awareness of behaviours expected  Tonnage of waste arising and diverted from landfill from SCC estate; CO2 from SCC estate; water consumption from SCC estate	Greater contribution by staff in reducing SCC's resource consumption and environmental impacts
2.3	<b>Parking Policy review:</b> Ensure that the car parking review, as part of the Pay and Reward strategy, builds on evidence of car parking measures piloted to date 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)  Increased productivity of staff and increased acceptance of policy
2.4	<b>Greater use of technology to reduce business travel and improve productivity:</b> optimise use of IT capabilities for communication and collaboration by encouraging the use of Skype for voice, video, document files (i.e. One drive) and live sharing/presenting. Cultural change will be embedded through the use of group collaboration platforms to create virtual workspaces. This action is enabled through a combination of the IT & Digital service Modern Worker and Digital Programmes.	IMT HR Place and Sustainability 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, congestion and emissions and more efficient use of staff time

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2.5	<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	Place and Sustainability Property HR	16/17	Number of staff using car share matching service	Reduced pressure on car parking Reduced business mileage and emissions
Page 303 2.6	<b>Low carbon vehicles for business travel:</b> Increase access to cost effective low emissions vehicles for business travel including through the lease car scheme for staff, development of a low emission vehicle charging network and the car club service offer at SCC sites.	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 the Eco Schools and Ashden Less CO2 programmes by ensuring that schools can access resources and support including peer to peer support and that pupils are actively engaged.	Place and Sustainability Schools Waste Development Communications Property	Ongoing	Increase in number of schools participating in schemes	Pupil learning opportunities Citizenship Improvement in quality of school grounds and surrounding areas

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2.8	<b>Access to funding for schools and corporate estate:</b> We will seek to ensure that the council's school energy efficiency advisory service is financial sustainable in order to provide support to schools to access low cost SALIX loans and improve the energy efficiency of their operations.	Property Schools	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

### 3. Suppliers environmental impacts and risks

3.1 Page 304	<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 as an element of contract evaluation alongside cost and quality considerations.	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

### 4. Air quality and lower carbon transport

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4.1	<b>Transport policy development:</b> Develop our approach to low emission transport including through supporting development of a low emission vehicle charging network in Surrey and enabling healthier and more sustainable travel options in line with our Highways and Transport Business Plan.	Place and Sustainability Transport Policy	Ongoing	n/a	Having 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
4.2	<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>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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5.2	<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>
Page 306	<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: 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. Then based on the above findings: 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>	Asset Management 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>