

Annex 1: 2022/23 Progress on ES Strategy Actions and Indicators

Status Ratings:

Complete	This is a one-off action that has been completed, no further action required. Actions that have been reported on and completed in previous years are reported on in this schedule for completeness.
Ongoing	This is an action that has been initially completed but requires repeating (eg an article in Borough news was completed in the required year but further articles will be necessary in subsequent years). These were identified in the Action Plan as, for example, "2020 ongoing".
Started	Work has begun on these actions but has not been completed.
Not Started	No work has begun on these actions.
Future Action / Postponed	This is an action for a future year. Alternatively, it may be an action that has been postponed due to external influences (for example, awaiting a government decision).

Energy & Carbon: Energy Minimisation			
Reduce operational energy consumption through fabric improvements and installing energy efficient equipment and fittings			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing, or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Implement measures identified as part of the Display Energy Certificates (DEC) recommendation report for key three assets (i.e. Harlequin Theatre, Town Hall and Earlswood Depot) as part of scheduled renewal/upgrade programme.	2022 building energy audits provided energy efficiency proposals. A summary is provided at Annex 2. The Property team have started to review and cost the recommendations, to be incorporated within the Council's capital programme for building maintenance.	Started	The Property team has been restructured to provide additional support in delivery of environmental considerations. Where possible, environmental upgrades will be incorporated as part of ongoing maintenance work. Multiple sites (Town Hall, Depot, Harlequin and the Community Centres) require decisions on their future use or layout, and environmental and sustainability considerations will be incorporated at the time these decisions are made.
2020 ongoing - Use whole life cycle analysis as a decision tool during plant renewal programme upgrades and maintenance programmes to select the most efficient M&E systems for heating, cooling and ventilation. Avoid 'like for like' replacements (e.g. more efficient boiler) unless it's been demonstrated that this is a futureproofed technology.	2022 building energy audits provided energy efficiency proposals. A summary is provided at Annex 2. The Property team have started to review and cost the recommendations, , to be incorporated within the Council's capital programme for building maintenance.	Started	The Property team has been restructured to provide additional support in delivery of environmental considerations. Where possible, environmental upgrades will be incorporated as part of ongoing maintenance work. Multiple sites (Town Hall, Depot, Harlequin and the Community Centres) require decisions on their future use or layout, and environmental and sustainability considerations will be incorporated at the time these decisions are made.
2020 ongoing - Improve loft insulation and wall insulation with a focus on top three key assets as part of scheduled renewal/upgrade programme.	2022 building energy audits provided energy efficiency proposals. The Property team have started to review and cost the recommendations, to	Started	The Property team has been restructured to provide additional support in delivery of environmental considerations. Where possible,

	be incorporated within the Council's capital programme for building maintenance.		environmental upgrades will be incorporated as part of ongoing maintenance work. Multiple sites (Town Hall, Depot, Harlequin and the Community Centres) require decisions on their future use or layout, and environmental and sustainability considerations will be incorporated at the time these decisions are made.
2020 ongoing - Continue to install LEDs throughout the Council assets on top 10 assets or in conjunction with any scheduled renewal/upgrade programme.	2022 building energy audits provided energy efficiency proposals. Ad-hoc replacement of bulbs with LEDs as well as during planned upgrade schemes.	Ongoing	Continue to install LEDs as part of ongoing maintenance schedule
2020 ongoing - Introduce variable speed drives (VSD) for fans, pumps and compressors as part of scheduled renewal/upgrade programmes where viable.	2022 building energy audits provided energy efficiency proposals. The Property team have started to review and cost the recommendations, to be incorporated within the Council's capital programme for building maintenance.	Started	The Property team has been restructured to provide additional support in delivery of environmental considerations. Where possible, environmental upgrades will be incorporated as part of ongoing maintenance work. Multiple sites (Town Hall, Depot, Harlequin and the Community Centres) require decisions on their future use or layout, and environmental and sustainability considerations will be incorporated at the time these decisions are made.
2020 ongoing – Investigate and where appropriate implement opportunities to reduce energy consumption from our leased assets, subject to lease agreements.	Asset Management Strategy has been developed.	Started	The Sustainability and Property teams will work to facilitate sustainability projects and plan implementation of green leases as commercial leases come up for renewal.
2021/22 - Undertake life cycle cost analysis of installing intuitive accessible zoning control mechanisms and/or retrofit PIR sensors (movement/ time/ lux) and or timer on key Council's assets	2022 building energy audits provided energy efficiency proposals. The Property team have started to review and cost the recommendations, to be incorporated within the Council's capital programme for building maintenance.	Started	The Property team has been restructured to provide additional support in delivery of environmental considerations. Where possible, environmental upgrades will be incorporated as part of ongoing maintenance work. Multiple sites (Town Hall, Depot, Harlequin and the Community Centres) require decisions on their future use or layout, and environmental and sustainability considerations will be incorporated at the time these decisions are made..
(Additional action) 2021/22 Undertake work to better understand organisational scope 3 emissions and identify reduction initiatives relating to council operations	Consultancy advice received on the types of Scope 3 emissions that are applicable and identified where data was currently collected (limited).	Started	Take advice on SCC approach and other local authority best practice and develop mechanisms across all relevant departments to collect data, create a baseline and develop emissions reduction initiatives. This will be incorporated as part of the ES Strategy review, commencing Autumn 2023
Action (Previous years/completed)		Status	Challenges and solutions
None			
Action (Future years)	Progress	Status	Challenges and solutions
None			

Indicators					
Carbon footprint for council's operations (scope 1 and 2 and including approx. 30 tonnes/y for electricity transmission and distribution Scope 3)	2019/20:	2,069 tCO _{2e}			
	2020/21:	1,884 tCO _{2e}			
	2021/22:	1,745 tCO _{2e}			
	2022/23:	1,993 tCO _{2e}			
Operational energy use (kWh) for each of the key Council assets *NOTE – due to the absence of some gas use data, estimations have been made.		Town Hall	Depot	Harlequin	Other sites
	2019/20:	Electricity: 503,558 kWh Gas: 617,867 kWh	Electricity: 194,944 kWh Gas: 309,209 kWh	Electricity: 356,777 kWh Gas: 1,123,246 kWh	Electricity: 505,841 kWh Gas: 45,023 kWh
	2020/21:	Electricity: 384,977 kWh Gas: 558,949 kWh	Electricity: 222,691 kWh Gas: 312,913 kWh	Electricity: 267,727 kWh Gas: 616,962 kWh	Electricity: 602,280 kWh Gas: 548,103 kWh
	2021/22:	Electricity: 360,444 kWh Gas: 590,066 kWh	Electricity: 207,654 kWh Gas: 256,144 kWh	Electricity: 314,301 kWh Gas: 848,060 kWh	Electricity: 686,959 kWh Gas: 543,023 kWh
	2022/23:	Electricity: 407,043 kWh Gas: 413,728 kWh	Electricity: 226,061 kWh Gas: 277,326 kWh	Electricity: 331,495 kWh Gas: 1,550,772 kWh	Electricity: 803,186 kWh Gas: 578,428 kWh

Promote behaviour changes to reduce operational energy consumption			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing, or carried forward)	Progress	Status	Challenges and solutions
2021/22 - Investigate opportunities to run an annual low energy consumption award open to residents/businesses across the borough.	We have introduced a 'sustainability' category in the Reigate & Banstead business awards for the last two years but no progress has been made on a 'low energy' award.	Started	Review the award categories for 2024, and also consider use of case studies.
(Additional action) 2021 ongoing - Work with partner organisations, residents, businesses and communities throughout the borough to encourage and facilitate the retrofit of homes to become more energy efficient	We continue to deliver domestic retrofit support with the aims of: <ul style="list-style-type: none"> Increasing residents access to grants Increasing residents knowledge of retrofit Work with social housing partners Delivering some easy wins for residents Positively affecting the supply chain locally Outputs from this are engagement activities to promote grants, giving out water saving devices and advice. Partnership work includes capacity building of a community group to do energy assessments. Outcomes of this are the retrofit installs via the LAD Green Homes Grants/Sustainable Warmth	Ongoing	Will continue to progress these workstreams, and promote grant funding opportunities to residents as they become available, including working with Action Surrey and Surrey County Council, and promote the Solar Together opportunity in 2023/24 for private residents to install solar PV. In 2023/24 we will also look to work with local schools to find out where we can add value and advice.

	schemes and Social Housing Decarbonisation Fund. The Council continues to contribute funding to the Action Surrey energy advice service for residents.		
2021/22 - Set up a mechanism to monitor and display energy consumption across the different Council's assets on a monthly basis	There is currently no means of collecting information at the moment, therefore cannot be displayed	Postponed	Options for smarter metering are being currently explored.
Action (Previous years/completed)		Status	Challenges and solutions
2021/22 - Provide better information on finance/grants available to businesses and residents to implement energy efficiency measures.		Complete	
2021/22 - Create an awareness campaign to encourage staff to reduce energy consumption. Provide tips on the intranet and through poster display in key locations		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
None			
Indicators			
Homes in the borough that have been retrofitted via schemes and projects promoted by the Council	2020/21:	0	
	2021/22:	207 (LAD1 and Solar Together)	
	2022/23:	89 (Social Housing Decarbonisation Fund and LAD2 and 3)	
Annual borough CO ₂ estimates (within the scope of local authority influence) (BEIS) * * Note, previous years are re-estimated every year to take account of methodological improvements, superseding previous estimates.	2018:	559 ktCO ₂ e	
	2019:	542 ktCO ₂ e	
	2020:	499 ktCO ₂ e	
	2021:	517 ktCO ₂ e	
	2022:	Data due end June 2024	
Number of businesses and households undertaking energy efficiency improvement measures	2021/22:	Green Homes Grant LAD1 90 properties. Solar Together (2021/22) PV installations at 117 properties	
	2022/23:	26 Raven Housing Trust properties - energy efficiency retrofits funded via Phase Wave 1 Social Housing Decarbonisation Fund. 63 properties - energy efficiency retrofits via LAD 2 and 3 (Sustainable Warmth and Home Upgrade grants) 10 businesses undertook our low carbon action plan training resulting in business changes.	

Energy & Carbon: Renewable Energy

Promote the use of renewable energy through on/off-site generation and renewable tariff procurement

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
Investigate potential to negotiate preferential tariffs for residents and businesses by setting up a dedicated renewable energy company to provide renewable and affordable energy in conjunction with SCC.	Due to the current energy market, this action is not appropriate at present but will be carried forward for action at a suitable time.	Postponed	The ongoing high prices in the energy market preclude progress on this action at present. We continue to promote energy efficiency measures via the website. The situation will be kept under review.
Encourage businesses to generate renewable energy within their assets.	Working with businesses on net zero: facilitating their ambition and what is practically possible	Ongoing	Continue SME support programme and work with Surrey County Council to roll out other support for

	(eg they may rent so energy efficiency may be more practical than installing renewables). Carbon Literacy training provided to 10 SMEs. SME support programme implemented with funding secured for 2 subsequent years.		businesses in this area. A small amount of funding from UK Shared Prosperity has been secured for 2023/24; further UKSPF funding has been allocated to supporting a LoCASE style business support fund in 2024/5	
Action (Ongoing or carried forward)	Progress	Status	Challenges	
(Additional action) 2021 ongoing - Work with partner organisation, residents, businesses and communities to encourage and facilitate the retrofit of homes with low carbon technologies	The LAD scheme installs included 4 air source heat pumps, 3 solar thermal, 15 solar PV and 1 energy efficient lighting. The Social Housing Decarbonisation Fund work is progressing work on solar PV on 26 Raven properties (68 PV and 2 ASHPs, for the wider consortium).	Ongoing	Will continue to progress these workstreams and promote grant funding opportunities to residents as they become available. In 2023/4 Solar Together will relaunch offering the opportunity of solar PV across homes in the Borough.	
2020/21- Procure renewable energy across RBBC assets	A new 2 year contract has recently been agreed with Shell for a renewable electricity tariff.	Started		
2021/22 - Investigate the potential for the installation of photovoltaic panels and solar storage on Council operated assets (e.g. Earlswood Depot) and land; implement where economically and technically viable	2022 building energy audits provided energy efficiency and renewables proposals. The Property team have started to review and fully cost the recommendations and some smaller solar schemes are in development. Strategic CIL funding has been secured for the installation of solar PV on eight council buildings.	Started	A phased approach will be undertaken to the installation of solar PV in 2023/4 and onwards, focusing initially on buildings for which Strategic CIL funding has been secured.	
2021/22 - Investigate and where appropriate implement opportunities to generate renewable energy from leased assets, subject to lease agreements.	No progress has been made on leased assets yet as the focus is on generating renewable energy on owned assets.	Not started	To be considered by the Property team as leases come up for renewal.	
Action (Previous years/completed)		Status	Challenges and solutions	
2020/21 - Include information on renewable energy tariffs on the Council sustainability section of the website and via Borough News, email newsletters etc to encourage residents and businesses to sign-up		Complete		
Action (Future years)	Progress	Status	Challenges	
2023/24 onwards - Consider innovative funding mechanisms to create renewable energy infrastructure within the Borough.	Not started	Future action		
Indicators				
Percentage of renewable energy (Council)		Renewable electricity	Non-renewable electricity	Non-renewable gas
	2020/21:	Approx. 33%	Approx. 13%	Approx. 54%
	2021/22:	Approx. 33%	Approx. 13%	Approx. 54%
	2022/23:	0%	100%	100%
Solar installations in borough (BEIS) (number of installations, generation in kWh) Regional Renewable Statistics - GOV.UK (www.gov.uk)	2019	2,258 solar PV installations generating 6,413 MWh.		
	2020	2,355 solar PV installations generating 6,651 MWh.		
	2021	2,571 solar PV installations generating 6,168 MWh.		
	2022	Published at the end of September 2023		

Energy & Carbon: Low Carbon Transport			
Reduce carbon emissions associated with transport through minimising travel and reliance on personal car			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Use planning conditions and S106 agreements to secure car club provisions at new large scale developments.	Achieved and ongoing. DMP Policy encourages this.	Ongoing	Limited number of developments of sufficient scale to justify car club requirements.
2020 ongoing - Engage with Local Transport Authority (SCC) and private transport provider to improve frequency/reliance of public transport to increase overall uptake of public transport	Ongoing, primarily via consultation responses. Response to Surrey Enhanced Bus Partnership consultation resulted in some changes to draft proposals	Started	Continue to engage, including liaison with planning team to coordinate consistent asks of SCC
Action (Previous years/completed)		Status	Challenges and solutions
2020/21 - Highlight the reduced price membership offer to Surrey residents for the Enterprise Car Club which is currently outlined on the Surrey website		Complete	
2020/21 - Encourage uptake of car-pooling from residents and staff through better communicating available car sharing platforms		Complete	
2021/22 - Liaise with Surrey County Council to investigate the suitability of expanding the network of car clubs and increasing the number of electric vehicles available (e.g. Enterprise Car Club) across the Borough		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
2023/24 onwards - Investigate the set-up of a Mobility as a Service (MaaS) platform alongside the transport authority (SCC) to facilitate all LT2 & LT6.	Not started	Future action	
Indicators			
Uptake of car-pooling amongst residents	2020/21:	Not available	
	2021/22:	2022 survey of 1079 borough residents shows less than 2% have used the main 4 car club schemes	
	2022/23:	No follow-up survey done this year so no further data available	
Levels of public transport usage and/or investment	2020/21:	Not available	
	2021/22:	2022 survey of 1079 borough residents: for travel to work, school and/or shops, 37% use train and 19% use bus. Census 2021 data indicated 42% of borough employees worked mainly from home, 28% travelled <10km from home to work and 17% >10km to work. Methods of travel were 40% driving, 3% passengers in a car, 4% by train, 2% by bus, 6% on foot and 1% cycle. These may not be typical figures as at the time of the census a nationwide Covid19 lockdown was in place, advice was to work from home if possible and avoid public transport where possible – travel restrictions did not ease until later in 2021. Method of travel to workplace - Census Maps, ONS	
	2022/23:	Not available, but public transport use may be affected by rail strikes	

Improve the uptake of electric vehicles across the Borough			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Continue to transition the Council's fleet to be fully electric, measures to include: Procuring fully electric cars, vans and other vehicles; Procuring electric sit on mowers; Procuring electric refuse lorries. Alternatively, existing vehicles could be retrofitted with an electric motor.	EST Transport Decarbonisation Report (May 2022) indicated that all but 25 of the fleet have viable electric alternatives, although with varying cost implications, and will be replaced with EV when due for replacement. Further short-term trial of EV refuse collection vehicle. Fleet transition will continue as vehicles reach end-of-life – one new EV this year.	Ongoing	Whenever vehicles come up for replacement, consideration will be given to low carbon replacements as a priority. Trials will continue in 2023/4 to determine vehicle suitability. The layout of the Depot and unknown electrical capacity at the site may constrain progress to replace more vehicles with electric versions and is therefore currently being investigated. As a transition fuel while suitable EVs become financially/technically viable, HVO for refuse trucks is being explored. Cost implications will be presented in a business case in 2023/24. Continue to explore electric and hybrid machinery for Greenspaces.
2020 ongoing - Ensure that the provision of electric vehicle charging points are secured for new developments as per the DMP TAP 1 'Access, parking and servicing' policy and SCC's 'Vehicular and Cycle Parking Guidance' January 2018 and OLEV (when implemented)	Achieved and ongoing	Ongoing	
2020 ongoing - Update/upgrade existing charging points (e.g. Wray Lane) when it needs replacing.	No council owned charging points identified as in need of updating this year	Ongoing	
2020 ongoing - Install charging points in Council's car parks and across the Council's owned assets.	Continuing to pursue ad-hoc opportunities, no installs this year. Work underway to finalise outstanding issues at Banstead car park to enable final works to 6 charging points; also to incorporate charging points as part of broader Horley Central Car Park place-shaping scheme. External funding was secured towards both schemes	Started	Awaiting SCC to provide charging contract details. Once provided it will be reviewed and a decision taken on joining or finding an alternative supplier (2023/24). Reliance on third part action has slowed progress on Banstead car park chargepoints. Horley installation anticipated in 2023/24 Unknown electrical capacity at the Depot has the potential to constrain the installation of further EV chargepoints so this is currently being investigated- viability of installing chargepoints at the Depot is key to decarbonising the fleet.
2020 ongoing - Work with SCC to implement their 'Electrical Vehicle Strategy'.	Superseded by EV working group and plans in relation to concession agreement and on street chargepoint installations. SCC has now let contract for on-street chargepoint installation. Priority locations of on and off street chargepoints have been shared with SCC to	Started	RBBC will support SCC to identify priority locations for on-street charging points and promote opportunities to local residents (2023/4 and beyond).

	inform their network planning/chargepoint roll-out activities.		
2021/22 - Work with local business networks such as the Local Enterprise Partnership (LEP) to encourage private landowners to invest in charging infrastructure for visitors and staff.	Continue to engage with local businesses, charities and faith organisations across all sustainability issues, including raising awareness of support opportunities for electric vehicle charging points	Started	Continue to engage with private landowners and businesses
Action (Previous years/completed)		Status	Challenges and solutions
2020/21 - Explore options to encourage fully electric taxis via Council's licencing policies and potentially incentivise their take up through subsidising of the licence fee		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
None			
Indicators			
Number of public EV charging points available in the borough (Zapmap)	2020/21:	29 as of July 2021 (7 publicly accessible charge points owned by RBBC)	
	2021/22:	29 as of July 2022 (7 publicly accessible charge points owned by RBBC)	
	2022/23:	35 as of Apr 2023 (7 publicly accessible charge points owned by RBBC)	
Number of licensed plug-in electric vehicles licensed within the borough (DVLA)	Q1 2021:	521 battery electric vehicles; 535 hybrid electric vehicles	
	Q1 2022:	1,068 battery electric vehicles; 914 hybrid electric vehicles	
	Q4 2022:	At end December, 1,533 battery electric vehicles; 1,167 hybrid electric vehicles ¹	
Number of on-street charging points available in borough (SCC responsibility)	2020/21:	0	
	2021/22:	0	
	2022/23:	0	
Number of low-carbon hackney carriages licenced in the borough	2020/21:	0	
	2021/22:	1	
	2022/23:	1	
Proportion of Council fleet that is electric	2020/21:	10% (13 vehicles)	
	2021/22:	10% (13 vehicles)	
	2022/23:	10% (13 vehicles)	

Encourage the uptake of walking and cycling			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Collaborate with Surrey CC to develop a Local Cycling and Walking Plan and implement pedestrian and cycling-friendly measures, for example: Providing shade and shelter on busy streets; Making pavements wider and smoother; Making streets easier to cross (i.e. more crossing points/crossing islands); Provide	LCWIP finalised in 2022. Using CIL funds to support walking and cycling initiatives. Sustrans project for an Active Travel Officer confirmed.	Ongoing	During 2023/24, Sustrans will recruit and appoint a member of staff to work on the RBBC project – to promote and support the uptake of active travel, identify barriers and work with local communities to overcome these, and make more use of existing active travel infrastructure.

¹ The July 2023 update, which would have provided the Q1 2023 data, has been postponed by the government and the new date for release of data is still to be announced.

places to stop and rest (e.g. parklets, benches); Connected and off-road cycle paths; Encourage local primary schools to organise a "Walking Bus" for pupils walking to/from school			
2020/21 - Liaise with community rail partnerships to investigate the number of cycle spaces available at key railway stations within the Borough and where viable promote the installation of further spaces.	No further progress in year.	Started	Council officers will continue to attend CRP meetings and raise the issue of cycle parking
2021/22 - Investigate measures for incentivising Council employees to walk, cycle, or use other lower emission modes of travel for their commute	Staff are encouraged to walk and cycle to work, and facilities to enable this are provided.	Ongoing	Incentivisation will be covered as part of wider project about ways of working that is underway / progressing in 2023/24
2021/22 - Install additional cycle parking spaces at key Council assets and across the Borough in strategic locations.	No action yet.	Not started	New cycle parking space demand can be ascertained via activities planned for 2023/4 including the Sustrans project and staff travel survey then opportunities, costs and funding can be explored by the Sustainability and Property teams. In the interim, raise awareness of existing cycle facilities.
Action (Previous years/completed)		Status	Challenges and solutions
2020/21 - Improve information available to residents and local businesses advising on the location of cycle storage, cycle hire, and cycle routes within the borough		Complete	Regular review / updating as appropriate
Action (Future years)	Progress	Stats	Challenges and solutions
Investigate the possibility to trial within the borough measures to reduce congestion and private vehicle use (e.g. car free zones; road charging; changes to parking charges). These measures need to be assessed holistically to ensure road-congestion and other traffic-related issues are not displaced elsewhere.	Not started.	Future action	
Indicators			
Proportion of residents walking / cycling	2020/21:	Not available	
	2021/22:	2022 survey of 1079 borough residents shows that for travelling to work, school and/or shops, 65% walk and 12% use a bike. Census 2021 data awaited.	
	2022/23:	Census 2021 data indicated methods of travel to work were 40% driving, 3% passengers in a car, 4% by train, 2% by bus, 6% on foot and 1% cycle. These may not be typical figures as at the time of the census a nationwide Covid19 lockdown was in place, advice was to work from home if possible and avoid public transport where possible – travel restrictions did not ease until later in 2021. Census Maps, ONS	

Energy & Carbon: Embodied Carbon

Reduce embodied carbon in new infrastructure or building projects

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
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None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
None			
Action (Future years)	Progress	Status	Challenges and solutions
Request developers as part of the planning application to provide a whole life carbon assessment to demonstrate embodied carbon reduction in building fabric through lean design and construction solutions.	Not started.	Future action	
Indicators			
None			

Low Impact Consumption: Waste Reduction

Reduce waste through avoiding it in the first place and promoting reuse opportunities

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
Investigate the potential to use a scheme to donate unwanted IT equipment to be reused rather than recycling it as it is currently practiced.	No progress. Currently we use third parties for disposal as this ensures certified data destruction, refurbishment and redistribution of working equipment, WEEE compliant disposal of end-of-life equipment, minimises involvement of RBBC resources, and returns a modest recompense.	Started	The current route for equipment that has reached the end of its service life at RBBC allows for charity donation, it is just that RBBC do not donate the equipment directly to charity due to the issues discussed under 'progress'.
Investigate the commercial waste service collection streams available with the aim of increasing the recyclable collection service provision.	Not started, mainly due to the delay to the government outcomes from the Resources and Waste Strategy.	Postponed	Await further detail from Government
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Eliminate single use plastic (SUP) within the Council's operated assets	Plastics associated with running elections has been reduced by the Stationery Team.	Started	The Sustainability team will continue to explore options with the Facilities team and staff working across council buildings.
2020 ongoing - Continue to locate clothes and textile banks in strategic locations across the Borough prioritising the re-use of the items collected.	Ongoing	Ongoing	
2020 ongoing - Continue to purchase IT equipment from a specific brand and stick to the same models to allow for the use of spare parts from units which no longer work to be used in other units to prolong their life.	IT equipment is standardised on HP Elitebooks.	Ongoing	
2020 ongoing - Work with cafes, restaurants and takeaways to reduce their SUP consumption i.e. targeting zero Styrofoam, preferring compostable	We continue to promote messaging from Surrey Environment Partnership and include information on our own website. However, specific SEP programme referred to here is on hold.	Postponed	The SEP SUP/business programme is on hold. In the interim the Economic Prosperity team will continue to advise and update information on the website as necessary.

options and gradually moving towards reusable take-away box scheme.			
2021 ongoing - Investigate the potential remanufacturing options for furniture when renewing furniture.	Furniture replacement in year has been on an as and when needed basis with no major refurbishment. These small quantities of unwanted furniture are usually offered to charity or sent for disposal.	Not started	Sustainability team will work with Facilities team to explore options for refurbishment for any furniture not wanted by charity.
Action (Previous years/completed)		Status	Challenges and solutions
2020/21 - Publicise better the water re-fill network within the Borough and sign-up additional businesses as refill stations across the Borough		Complete	Ongoing promotion
2020/21 - Update waste section on the dedicated sustainability page of the Council's website to bring together information about the various waste reduction initiatives		Complete	Regular review / updating as appropriate
2021/22 - Signpost to or facilitate borrowing and renting one-off purchases (e.g. DIY, gardening equipment etc...) e.g. through incorporation of available services on the Council's sustainability page		Complete	Regular review / updating as appropriate
2021/22 - Investigate the potential to subscribe to a scheme to donate unwanted furniture		Complete	
Action (Future years)		Progress	Status
2023/24 - Procure re-manufactured printer ink and toner cartridges once current supplier contract has expired.		No progress yet due to being within an existing contract.	Future action
2023/24 onwards - Coordinate with local construction businesses the set-up of a Construction Building Material exchange schemes (or promote the use of a suitable existing platform).		Options to be investigated.	Future action
2023/24 onwards - Require contractors through Local Plan requirement to apply a life cycle approach to any construction projects to ensure that they can be easily disassembled or repurposed at the end of their service life.		Not started.	Future action
Indicators			
Total municipal household waste collected at borough level	2019/20:	52,766 tonnes	
	2020/21:	55,251 tonnes	
	2021/22:	55,903 tonnes	
	2022/23:	52,508 tonnes (provisional)	
Total waste generated by Council	2020/21:	Data currently unavailable	
	2021/22:	Data currently unavailable	
	2022/23:	Data currently unavailable – there is no existing mechanism to weigh our waste	

Facilitate recycling to maximise value of non-avoidable waste			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions

Lead a session on industrial symbiosis for local business to attend to encourage companies to seek opportunities at Borough or County level.	The Sustainable Business Network meets quarterly to allow discussion of problems and solutions and facilitate companies working together to solve issues.	Started	The options for industrial symbiosis will be explored further in 2023/4 through meetings of the network.
Investigate options to implement collection for difficult to recycle product (e.g. stationary) across Council assets with a view to extend to the Borough.	No progress this year but hybrid working has reduced stationary usage, whilst sustainable core stationary items are procured.	Not started	There may be additional costs to these collections. In 2023/4, the options and costs will be investigated to inform future plans.
Action (Ongoing on carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Continue to roll out recycling to all flats within the borough to improve the recyclable waste collection service provided compared to the service historically delivered (paper and card only).	Ongoing programme to provide recycling to all flats. Approximately 5,900 remain.	Ongoing	Challenges in many locations with space for the required containers for the full recycling and refuse service, and access for waste lorries. These are being worked through individually as part of the ongoing programme
2020 ongoing - Continue to compile and report recycling rate for the Borough collections to disseminate performance to residents and encourage positive behaviour change.	Ongoing. Information is reported as a corporate KPI. Surrey Environment Partnership disseminate reports and infographics .	Ongoing	
2020 ongoing - Work with Surrey Environment Partnership (SEP) in exploring the potential for implementation of services to reuse or recycle difficult products: e.g. nappies, sanitary pads, paint	No specific achievements in 22/23. Surrey Environment Partnership communications has been focusing on uptake of food recycling, however information about hard to recycle products is included on their website and signposted from our own	Started	Continue to work with SEP to provide solutions for hard to recycle items.
2020/21 - Trial the provision of additional recycling bins alongside general waste bins in public spaces to facilitate waste segregation e.g. Earlswood Lakes where 'big belly bins' for general refuse have recently been installed. If successful, look to extend the use of recycling bins. As part of the trial ensure that appropriate communication is disseminated to ensure that it is clear what can be recycled.	Scoping work was undertaken however trial not carried out due to research highlighting a high risk of contamination arising from the location of bins	Postponed	Strategic CIL funding secured for compressor bins, opportunities to provide recycling bins will be explored as part of this project, for which a business case will be prepared in 2023/24.
2021/22 - Subscribe to Nespresso coffee capsules close-loop recycling scheme	This was postponed due to reduced number of staff in offices and machine not being in use.	Not started	Will start to collect pods in 2023/4 to determine amount of capsules and investigate the appropriate mechanism for recycling.
2021/22 - Provide adequately labelled bins within centralised areas across the office and posters to encourage recycling and avoid cross-contamination. Reflect the waste currently collected across the borough: 1. paper and card 2. plastic, cans/aluminium and glass; 3. food; 4. Non-recyclables	Separate bins provided in officers for paper/card; plastics/cans/aluminium/glass; non-recyclables.	Ongoing	In 2023/4, other recycling options and costs will be investigated to inform future office plans.

2021/22 - Monthly progress reports (Council wide) displayed in strategic location across the offices (subject to data availability).	No means currently of collecting the data envisaged	Postponed	Options for data collection (albeit at a lower time frequency) being considered, however will depend on the appropriate technology and/or other resources being available
(Additional action) 2021 ongoing - Continue to develop the Council's waste and recycling service taking into account the new requirements anticipated to be introduced by the Environment Bill and associated secondary legislation	No specific progress this year due to information still being awaited from Government in relation to the Resources and Waste Strategy delayed outcomes.	Postponed	Secondary legislation from the Environment Act in relation to recycling provision is still to be announced. As soon as this information is available the Waste & Recycling Team will be considering implications and opportunities for the Council
Action (Previous years/completed)		Status	Challenges and solutions
None			
Action (Future years)		Progress	Status
None			
Indicators			
Proportion of household waste recycled (borough-level)	2019/20:	54.3%	
	2020/21:	53.2%	
	2021/22:	55.6%	
	2022/23:	54.2% (provisional)	

Promote anaerobic digestion and composting			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Work with the Surrey Environment Partnership to investigate preferable options for the disposal of organic waste and improve communication to residents around food waste with the aim of increasing the volume of food waste collected across the borough.	No specific achievements in 22/23. Surrey Environment Partnership is focusing on uptake of food recycling, food waste reduction and composting – RBBC has cross-promoted SEP social media coverage	Ongoing	Continue to work with SEP to encourage reduction and recycling of food waste
2021/22 - Investigate the viability of providing commercial food waste collection services across the borough following the release of the UK Gov waste consultation in 2020	No specific progress this year due to information still being awaited from Government in relation to the Resources and Waste Strategy delayed outcomes.	Postponed	Await further information from Government
Action (Previous years/completed)		Status	Challenges and solutions
None			
Action (Future years)		Progress	Status
None			
Indicators			
Proportion of household waste composted or anaerobically digested (borough level)	2019/20:	28.1%	
	2020/21:	25.1%	
	2021/22:	28.7%	

	2022/23:	27.4% (provisional)
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Encourage waste treatment locally to minimise transport emissions			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Endeavour to keep waste streams treated as locally as possible or at least within the UK/Europe	Achieved and ongoing. For Borough wastes nearly 100% is treated within the UK, as detailed .	Ongoing	
Action (Previous years/completed)	Progress	Status	Challenges and solutions
None			
Action (Future years)	Progress	Status	Challenges and solutions
2024 and beyond - Work alongside Surrey County Council and the Surrey Environment Partnership to identify new waste treatment sites through the SCC Waste Local Planning review process.	Not started.	Future action	
Indicators			
Proportion of waste collected treated within the UK	2020/21:	98% of the borough's recyclable waste processed in the UK	
	2021/22:	98% of the borough's recyclable waste processed in the UK	
	2022/23:	Data not yet available	

Low Impact Consumption: Water Efficiency			
Reduce potable water consumption through a combination of efficiency and potable water substitution measures			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Work in partnership with SES to provide residents with easy to use water saving measures to install: hippo cistern displacer; flow restrictors; garden water butts	Advice provided at ten events, with 605 water saving devices (provided free by SES Water) given out.	Ongoing	
2020 ongoing - Engage with SESW to support them where possible in achieving their industry wide leak reduction targets.	Ongoing work with Economic Prosperity sitting on a SESW panel.	Ongoing	
2020 ongoing - Investigate the installation of low flow fixtures and fittings for sanitaryware (including toilets, wash hand basins, showers and kitchen taps) for key Council assets (Harlequin, Town Hall and Earlswood) as part of any upgrade works	These are considered during reactive maintenance.	Started	Sustainability team to work with the Property team to identify opportunities as part of future work programme.

2020 ongoing - Consider rainwater harvesting or greywater recycling as part of any key upgrades undertaken by the Council to their assets.	These will be considered during scoping for any asset upgrades, however no key upgrades were undertaken in year.		Started	Sustainability team to work with the Property team to explore future opportunities, including in relation to supporting greenspaces team activity.	
Action (Previous years/completed)			Status	Challenges and solutions	
2020/21 - Advise residents (via Council's website) on minimum water efficiency standards to achieve when considering home refurbishment projects (e.g. changing kitchens/bathrooms)			Complete		
2021/22 - Request as part of the planning requirements to incorporate greywater recycling and/or rainwater harvesting measures for all major planning applications.			Complete		
Action (Future years)		Progress	Status	Challenges and solutions	
None					
Indicators					
Water consumption per capita (SESW supply area of 322 miles ²)	2019/20:	143.3 litres per person per day (SESW supply area)			
	2020/21:	163.4 litres per person per day (SESW supply area)			
	2021/22:	151.5 litres per person per day (SESW supply area)			
	2022/23:	150.8 litres per person per day (SESW supply area)			
Water consumption at council level (estimated readings)		Town Hall	Depot	Harlequin	Other sites
	2020/21:	3,108 m ³	3,305 m ³	12,182 m ³	36,621 m ³
	2021/22:	1,385 m ³	2,690 m ³	-235 m ³	15,696 m ³
	2022/23:	383 m ³	2,539 m ³	6,545 m ³	22,519 m ³

Low Impact Consumption: Responsible Sourcing					
Maximise the use of materials and products that are produced responsibly (i.e. environmentally and socially)					
Action (2022-23)		Progress		Status	Challenges, solutions and further actions
None					
Action (Ongoing or carried forward)		Progress		Status	Challenges and solutions
2020 ongoing - Prefer products that incorporate recycled content for key purchases (e.g. furniture, stationary, paper, paint)		No progress in 22/23 – links to the wider procurement strategy update.		Started	Limited progress on the wider Procurement Strategy. Subject to additional procurement resources being secured Sustainability team will engage in the procurement review during 2023/24 and in the interim will engage with key procuring services.
2021/22 - Introduce consideration of material toxicity as part of the procurement process (i.e. ITT and PQQ questions)		No progress in 2022/23 – links to the wider procurement strategy update		Not started	Limited progress on the wider Procurement Strategy. Subject to additional procurement resources being secured, the sustainability team will engage in the procurement review during 2023/24
2021/22 - Switch to cleaning products that do not contain toxic ingredients and preferably use recycled containers		New corporate contract; requires that the provider ensures protection of the environment and undertakes contract delivery in a non-detrimental manner to the environment		Ongoing	
Action (Previous years/completed)				Status	Challenges and solutions

2021/22 - Encourage developers of major projects, through the use of planning guidance, to incorporate materials with recycled content. This could be tracked as part of a relevant section in a sustainability statement to be submitted as part of the planning process		Complete	
2021/22 - Encourage developers through use of an informative to procure 100% FSC or PEFC certified timber or timber based products (i.e. shuttering, carcassing, plywood, raised access floor, worktop, partitions etc...).		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
None			
Indicators			
Proportion of council-procured goods that have recycled content / FSC or PEFC	2019/20:	34% of office products are environmentally friendly ²	
	2020/21:	50% of office products are environmentally friendly ²	
	2021/22:	34% of office products are environmentally friendly ²	
	2022/23:	78% of office products are environmentally friendly ²	
Proportion of borough-level developments with procured goods that have recycled content / FSC or PEFC	2020/21:	Data currently unavailable	
	2021/22:	Data currently unavailable	
	2022/23:	Data currently unavailable	

Encouraging healthy food products manufactured under adequate social and environmental standards			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
Procure organic milk.	The milk is supplied by a local dairy firm (West Horsley Dairy) but is not organic.	Not started	Investigate additional cost of organic compared to non-organic milk to inform future approach.
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Include healthier options within the vending machines located in assets operated by the Council.	No specific progress this year.	Started	Vending machines offer a range of healthy options.
Action (Previous years/completed)		Status	Challenges and solutions
2020/21 - Procure Fairtrade products for key office consumables (coffee, tea, sugar, hot chocolate)		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
None			
Indicators			
Proportion of Fairtrade / healthy products procured	2020/21:	Data currently unavailable	
	2021/22:	Town hall – hot chocolate (Cadbury) and sugar (Tate & Lyle) is Fairtrade; tea is Rain Forest Alliance & Ethical Tea Partnership (Yorkshire Tea)	
	2022/23:	No change	

Natural Environment: Ecological Enhancement

Improve tree cover across the borough

² environmentally friendly defined by the supplier as '[eco-certified](#), [refurbished](#), [made with recycled materials](#) or [self-claimed as repairable](#), [refillable](#), [returnable](#), [low-resources](#), [extended life](#) or [compostable](#)'.

Increase the area of soft landscape valuable to wildlife across the Borough			
Increase the amount of native species that attract pollinators			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
Organise annual contest for best wildlife garden of the Borough or local community challenge	No progress to date due to insufficient resources.	Not started	No available resource in Greenspaces to support. The feasibility of the action will be reviewed in 2023/24 subject to resources being in place.
Provide a guide to residents to plant species to attract pollinators and landscape their front and back gardens.	Residents encouraged via Grass cutting and biodiversity to participate in No Mow May to benefit pollinators. Summer 2022 #GoWildRB campaign Go Wild Reigate & Banstead and dedicated My sustainable home page on the website.	Complete	Continue to encourage resident participation by providing website advice.
Encourage residents to put up bug hotels, bird feeders and water fountains to attract wildlife (with measures to discourage rodents where needed)	Summer 2022 #GoWildRB campaign Go Wild Reigate & Banstead and dedicated My sustainable home page on the website.	Complete	Continue to encourage resident participation by providing website advice.
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Increase the tree cover within the Borough: Plant more trees with a focus on those with a native/wildlife value; Improve management of existing woodland in council ownership to promote healthy regeneration and new tree growth; Review the grant/funding options available and if possible, establish a partnership with the Woodland Trust to help implement any tree planting on land identified as suitable; Any trees that have to be uprooted to accommodate new developments to be relocated elsewhere in the Borough; Integrate tree planting initiatives as part of the RBBC 'Green Infrastructure Strategy Action Plan' for restoring habitats at Council-owned strategic countryside assets where environmentally appropriate; Explore options for, and support, community tree planting initiatives; Investigate options for providing local carbon offsetting for third parties through tree planting or other measures.	No new trees planted by the Council this year as there was no Tree Officer during the planting season. Any trees that have to be removed for safety reasons (eg due to Ash Dieback) are left to see if natural regrowth occurs before planting a sapling. Tree Strategy has been scoped but is delayed pending recruitment of a Tree Officer. Surrey County Council have planted approx. 6600 trees in the Borough in 2022/23 as part of their 1.2 million trees target. Community Tree Planting guide is available on the Council website and continues to be promoted when community groups contact the Council	Started	Limited resources within the Greenspaces team, however new Tree Officer due to start in July 2023, following which the sustainability team will liaise with them in relation to this action Exploring opportunities with SCC Treescape funding and local CIL projects throughout 2023/24. For community planting, ensuring trees are watered is a challenge. Getting data on planting associated with new developments is not currently possible.
2020 ongoing - Identify areas of disused land which can be utilised for greening projects and implement projects where appropriate (viable and deliverable).	Two locations in the Borough have been identified by community groups for tree planting, and subject to agreement that the groups will take responsibility for planting, watering and maintenance these projects are likely to proceed.	Ongoing	Future opportunities will be identified in the Greenspaces Strategy and the Tree Strategy.
2020 ongoing - Plant pollinator friendly species in areas managed by the Council e.g. by managing a series of verges as 'late-cut' verges allowing the flowers to set seed before being cut or introducing	In 2022/23, the Woodhatch flower bed was changed from annual to perennial bedding, whilst the ongoing annual seeding of verges increased to 4030m ² .	Ongoing	In April 2023 SCC will take over verge maintenance so this action will no longer apply to RBBC in relation to verges.

pollinator-friendly seed mixes in areas of grassland around new developments.	Grass-cutting schedules are reviewed annually and residents are encouraged to participate in No Mow May Grass cutting and biodiversity .		
2021/22 - Investigate the potential to install green roofs / walls on council assets and implement projects where appropriate (viable and deliverable).	No specific progress. Opportunities will be explored via ongoing maintenance, renewal and (as appropriate) building upgrades work.	Not started	Opportunities will be explored on specific buildings as and when other maintenance/renewal/upgrade work is being planned.
Action (Previous years/completed)		Status	Challenges and solutions
2021/22 - Encourage developers to increase soft landscape area as part of their proposals through provision of planning guidance or advice. Consider the introduction of an urban greening factor and biodiversity net-gain metric to facilitate monitoring it.		Complete	
2021/22 - Encourage developers to incorporate native/pollinator-friendly species through provision of planning guidance and advice and consider new local plan policy to formalise requirements		Complete	
Action (Future years)		Progress	Status
2023/24 - Investigate the requirement for new developments to provide tree canopy cover (and associated guidance) within the next update of the Local Plan.		Not started.	Future action
Indicators			
Tree canopy cover percentage (Forestry Commission)	2020/21:	Data not available	
	2021/22:	<i>Note incomplete borough coverage, and based on pre-2019 wards</i> Banstead Village: 27% Redhill East: 21.7% South Park & Woodhatch: 18.7% Merstham: 28.3% Reigate Central: 27.7% Horley West: 16.3% Reigate Hill: 34.7% Meadvale & St John's: 37% Horley Central: 24.7% Redhill West: 18.3% Earlswood & Whitebushes: 25.7% Horley East: 29.3%	
	2022/23:	Data not updated	
Number of new trees planted on Council land by Council	2020/21:	181 on Council land, no data available for new developments	
	2021/22:	73 on Council land, no data available for new developments	
	2022/23:	0 on Council land, no data available for new developments	
Area of soft landscape created as part of new developments	2020/21:	Data currently unavailable	
	2021/22:	Data currently unavailable	
	2022/23:	Data currently unavailable	
Area of new planting by the Council	2020/21:	3,906 m ² of pollinator and/or native species	
	2021/22:	3,824 m ² of pollinator and/or native species	
	2022/23:	4,030 m ² of pollinator and/or native species + 45m ² change from annual to perennial bedding	
Proportion of residents that have incorporated measures to attract biodiversity	2020/21:	Data currently unavailable	

Natural Environment: Sustainable Drainage Systems

Mimic the natural water cycle to reduce surface water run off

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			

Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020 ongoing - Collaborate with Surrey County Council as part of their 'Surrey Local Flood Risk Management Strategy - Objective Action Plan, February 2017' to increase the uptake of SuDS on infrastructure projects.	Collaboration is ongoing with the potential for a project in the north of the Borough.	Ongoing	SCC is undertaking scoping and feasibility at present. RBBC will continue to engage.
2020 ongoing - Minimise hard impermeable surfaces, alternatively install or retrofit permeable surfaces across the Council's owned assets as part of planned renewal and upgrades e.g. the use of permeable paving at Council owned and run car parks.	Ongoing but small scale due to the limited direct works carried out by the Council. Wetpour permeable like-for-like surface replacements: Lady Neville 115 m ² Woodhatch Park outdoor fitness equipment 30 m ² Repairs Borough-wide 100 m ²	Ongoing	Continued liaison between the Greenspaces, Place Delivery and Sustainability teams at a project-level. For Greenspaces, paths and tracks are typically unbound (permeable) and are replaced like-for-like so continue to be permeable.
2020 ongoing - Install or retrofit soft SuDS as part of planned renewal and upgrades across the Council's owned assets e.g. bioretention area, swales etc.	Ongoing but small scale due to the limited direct works carried out by the Council.	Ongoing	Continued liaison between the Greenspaces, Place Delivery and Sustainability teams at a project level.
Action (Previous years/completed)		Status	Challenges and solutions
2021/22 - Request through planning advice and guidance that newly created hard surfaces (e.g. pavement, internal roads, carpark etc...) are permeable		Complete	
2021/22 - Update planning requirements via planning advice or guidance to set requirements around achieving greenfield run off rates and ensuring that surface water run-off is managed close to its source following the drainage hierarchy.		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
2023/24 - Explore partnership with SES Water to support residents to soft landscape their front gardens.		Future action	
Indicators			
Area of permeable surfaces created by the Council / in new developments	2020/21:	0 new created by the Council, no data available for new developments	
	2021/22:	0 new created by the Council, no data available for new developments	
	2022/23:	0 new created by the Council, no data available for new developments	

Natural Environment: Environmental impact and pollution prevention

Limit negative impacts to the wider environment i.e. air, water, ground, habitat loss

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
Use alternative to peat based composts	RBBC has used no peat compost since at least 2021/22 when this data started to be collected, however in 2022/23 a mis-order of 2t was made. Peat-free planters equivalent to approx. 10t and 24 barrier baskets and 20 hanging baskets all peat-free.	Complete	Continue to use alternatives, although there is a cost implication to this.
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions

2020 ongoing - Continue to minimise the use of glyphosate by: Employing the use of hand removal in public spaces such as playgrounds, schools and town centres; Investigating the use of hot foam or steam as alternatives; Liaising with other authorities who have already implemented measures to go glyphosate free	Alternatives have been investigated – some require significantly more treatments per year, others have negative impacts on bees and insects, whilst hot foam uses 800l of water per hour using a diesel generator and has no effect on the root system making regrowth common and does not control perennial weeds. Glyphosate is used as a last resort.	Ongoing	Verges returning to SCC which will prevent use of 350 litres glyphosate annually by RBBC, leaving a residual 20 litres.	
2020 ongoing - Work alongside SCC to investigate the suitability of implementing measures to limit unnecessary acceleration and deceleration and reduce engine idling.	As reported in 2020/21, the introduction of stop-start vehicle technology and the uptake of EVs will reduce the impacts of idling year on year. No further action.	Complete		
Action (Previous years/completed)		Status	Challenges and solutions	
None				
Action (Future years)	Progress	Status	Challenges and solutions	
None				
Indicators				
Annual air quality results (3 year rolling average) for Nitrogen Dioxide ($\mu\text{g}/\text{m}^3$) NOTE: 2022 is the 3 year average of all the Covid years therefore not necessarily representative		North of borough	Centre of borough	South of borough
	2020:	Banstead Background: 14.4 Banstead Drift Bridge: 25.7 Hooley Background: 13.9 Hooley A23: 52.4	Reigate Background: 15.0 Reigate High St: 33.8 Redhill Background: 14.9 Redhill Marketfield Way: 28.3	Horley A23 Brighton Road: 39.4 Horley The Crescent: 22.7
	2021:	Banstead Background: 13.1 Banstead Drift Bridge: 24.2 Hooley Background: 12.4 Hooley A23: 46.8	Reigate Background: 13.7 Reigate High St: 31 Redhill Background: 13.7 Redhill Marketfield Way: 26.9	Horley A23 Brighton Road: 36.0 Horley The Crescent: 18.7
	2022:	Banstead Background: 12.6 Banstead Drift Bridge: 22.2 Hooley Background: 12.9 Hooley A23: 40.9	Reigate Background: 12.6 Reigate High St: 26.8 Redhill Background: 13.6 Redhill Marketfield Way: no data	Horley A23 Brighton Road: 32.3 Horley The Crescent: 16.3
Annual amount of glyphosate used	2020/21:	699 litres		
	2021/22:	697 litres		
	2022/23:	370 litres		

Effective Implementation: Resources

Ensure effective implementation and reporting of Council progress against specified targets and KPI's

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges
2020 ongoing - Keep track of cost/benefit of actions to ensure the most adequate opportunities are pursued in line with technological changes.	The 2022 consultancy reports on fleet transition and building energy audits reported on cost-benefits.	Ongoing	All projects to consider environmental and financial cost-benefit, so should be included in project-specific business cases.
Action (Previous years/completed)		Status	Challenges and solutions

2020/21 - Appoint a dedicated staff member/resource to implement the actions identified and monitor and record the progress on a quarterly basis	Complete	
Action (Future years)	Progress	Status Challenges
None		

Effective Implementation: Partnership Working			
Work with partner agencies to identify shared objectives and opportunities for cooperation			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges
2020 ongoing - Communication and coordination with other public sector agencies, and relevant private and/or voluntary/community sector elements to address joint environmental sustainability objectives.	Partnership working is core to our work. Continued engagement activity to promote domestic energy efficiency and grants, water saving, training opportunities, climate literacy and general sustainability messages.	Ongoing	Will continue to communicate and expand the networks.
(Additional action) 2021 ongoing - Alone and in partnership with other organisations, continue to lobby government to ensure local authorities have the powers and resources to facilitate change	Letter sent to Prime Minister in November 2022 about the support that Local Authorities need on domestic building energy efficiency and decarbonisation.	Ongoing	Will continue to review opportunities to lobby for power and resources as appropriate.
Action (Previous years/completed)		Status	Challenges and solutions
None			
Action (Future years)	Progress	Status	Challenges
None			

Effective Implementation: Communications			
Provide informative accessible material for staff, residents and businesses on how to reduce energy and increase renewable energy at the Borough level and explain what the Council is doing itself			
Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges
(Additional action) 2021 and ongoing – The Sustainability Team will undertake work to engage council staff further.	Engagement has continued and staff engagement plan created. Delivered Carbon Literacy training to staff, bitesize briefings and intranet news articles. Started face-to-face 'drop-in' sessions at Council offices to give advice on sustainability measures and third-party freebies (eg SESW water saving devices).	Ongoing	In 2023/24 a new Staff Sustainability Network will be convened to drive staff engagement, along with a new training opportunity for all staff. As part of wider corporate initiatives, the Staff survey will be considered.
(Additional action) 2021 and ongoing - Maintain, review and regularly update the Council's sustainability webpages to provide a suite of information about the three ES Strategy schemes	The Environmental sustainability and climate change pages are regularly reviewed and updated.	Ongoing	These pages will continue to be updated with new information as it becomes available.

and action that residents, businesses and communities can take.			
(Additional action) 2021 and ongoing - Update webpages to include more information and advice relating to climate change adaptation, such as limiting exposure to or impact from flood damage, keeping cool during heatwaves, etc. This should link to the relevant pages relating to emergency planning where relevant.	Information and advice has been added to the My sustainable health , My sustainable home and About climate change pages, along with links to Emergency Planning.	Ongoing	These pages will continue to be updated with new information as it becomes available.
(Additional action) 2021 and ongoing - Plan, create and deliver a survey in 2021 for a cross-section of residents within the borough, to gather information relating to awareness, attitudes and behaviours in relation to sustainability; run the survey annually to track progress and change across a consistent set of questions.	No survey was undertaken this year due to a lack of resources in the Sustainability team.	Started	The necessary frequency for a resident survey, and how to resource this, will be considered in 2023/24.
Action (Previous years/completed)		Status	Challenges and solutions
2020/2021 - Develop a campaign around our sustainability plan to inform and encourage behaviour change in staff, residents, businesses and partners. A number of key messages and calls to action will be created		Complete	
2020/21 - Set up on the Council's webpage a dedicated sustainability section which will provide tangible solutions to enable residents and businesses to reduce their environmental impacts		Complete	
2020/21 - Use of case studies to demonstrate how local businesses and communities have improved their sustainability credentials (e.g. EV charging, installation of PV panels)		Complete	
Action (Future years)	Progress	Status	Challenges
None			
Indicators			
Response rate for employee survey sustainability questions & progress on metrics (to be determined)	2020/21:	Data not available	
	2021/22:	Data not available	
	2022/23:	Data not available	
Web pages reviewed at least annually	2020/21:	New web pages and content created	
	2021/22:	Web pages regularly reviewed and updated	
	2022/23:	Web pages regularly reviewed and updated	
Progress in relation to specific sustainability questions	2020/21:	Not applicable	
	2021/22:	Survey of 1079 borough residents in March 2022 covering range of sustainability topics	
	2022/23:	No survey undertaken	

Effective Implementation: Planning

Update planning documents and planning application submission documents requirements to drive the low carbon agenda

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions

None			
Action (Previous years/completed)		Status	Challenges and solutions
2021/22 - Produce planning statements, guidance or SPD encouraging low carbon development		Complete	
2021/22 - Introduce templates to standardise the information received in relation to energy and sustainability for use by planning applicants. Update planning validation checklist requiring the submission of these completed template documents as part of the planning application process		Complete	
2021/22 - Provide more in depth training to planning staff to interpret and review planning application energy and sustainability statements to better identify where improvements can be made		Complete	
Action (Future years)	Progress	Status	Challenges and solutions
2023/24 onwards - Explore possibility of establishing a carbon off-set fund via the planning process to collect payments where developments are not meeting the Council policies for energy to meet any carbon shortfall from the development over the lifetime of the building		Future action	

Effective Implementation: Procurement

Ensure sustainability is taken into consideration as part of the procurement process

Action (2022-23)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges and solutions
2020/21 - Prepare sustainability opportunities section to be incorporated into specifications that are then incorporated into tender documentations.	No progress	Not started	Pending Strategic Procurement Review. The Sustainability Team will participate in the review process which will take place in 2023/24 subject to the council securing procurement resources. In the interim the Sustainability Team will explore measures with Orbis and / or key service areas.
2020/21 - Devise sustainable procurement tools to assess tenders. This will include sustainability questionnaires as part of the PQQ and ITT and the use of a balanced scorecard.	No progress	Not started	Pending Strategic Procurement Review. The Sustainability Team will participate in the review process which will take place in 2023/24 subject to the council securing procurement resources. In the interim the Sustainability Team will explore measures with Orbis and / or key service areas.
Action (Previous years/completed)		Status	Challenges and solutions
None			
Action (Future years)	Progress	Status	Challenges and solutions
None			