

Annex 1: 2023/24 Progress on Actions and Indicators for the Environmental Sustainability Strategy 2020 Action Plan

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 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.
Postponed	This is 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 (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing, or carried forward)	Progress	Status	Challenges, solutions and further actions
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.	Three key sites have been prioritised for 2024/25; the Town Hall, Banstead Community Centre, and Woodhatch Community Centre. Decisions have now been taken on the future occupation and use of each. The Capital Programme has been reconfigured to support environmental considerations, to include all major Heating, Ventilation and Air Conditioning (HVAC) systems, and measures highlighted in the 2022 building energy audits. The Harlequin remains closed, and no upgrades are planned at this time.	Started	Briefs will be drafted in Q2 2024/25 to enable the procurement of architects to develop the project to RIBA stage 3. Challenges include occupancy within the Town Hall, cost of environmental works exceeding budget, payback and life expectancy of plant and equipment vs capital outlay.
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.	Actions from 2022/2023 have been completed and the Capital programme has been reconfigured to incorporate anticipated uplifts in costs.	Started	Specifications will be defined in 2024/25 by the architect's design team and M&E consultants with a key focus on energy efficient systems. Challenges include costs on preferred improvements exceeding budget.
2020 ongoing - Improve loft insulation and wall insulation with a focus on top three key assets as part of scheduled renewal/upgrade programme.	This will form part of the brief to architects referred to above and enlisted within the works where possible.	Started	Challenges include building type/configuration and operational continuity will be a key factor in the decision to insulate loft and walls.
2020 ongoing - Continue to install LEDs throughout the Council assets on top 10 assets or	85% of the Council assets now have LED either through refurbishment or planned maintenance.	Ongoing	The remaining lamps will be changed in line with the planned maintenance programme.

in conjunction with any scheduled renewal/upgrade programme.			Due to the ornate lighting located within the old Town Hall some lamps cannot be switched so alternative options will be sought.		
2020 ongoing - Introduce variable speed drives (VSD) for fans, pumps and compressors as part of scheduled renewal/upgrade programmes where viable.	Introduction of variable speed drives will be investigated by the Property team. An audit on what can be undertaken will commence in September 24.	Started	None currently identified.		
2020 ongoing – Investigate and where appropriate implement opportunities to reduce energy consumption from our leased assets, subject to lease agreements.	Major plant upgrades are planned for two large offices owned by the council with full environmental management plans to be produced. Timescales to be agreed for 2025.	Started	Tenant engagement and maintaining business continuity during works or seeking alternative locations.		
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	Ongoing with the Property team as planned upgrades and refurbishments are undertaken. Main focus is currently on the Depot.	Started	None currently identified.		
(Additional action) 2021/22 Undertake work to better understand organisational scope 3 emissions and identify reduction initiatives relating to council operations	Initial data has been collected to create an indication of total Scope 3 emissions which will allow prioritisation of the highest-emitting activities.	Ongoing	Data availability continues to be a challenge. Refinement of data collection will continue throughout 2024/5 along with identification of reduction initiatives. We will continue to monitor best practice in data collection for Scope 3 and will amend our approach, as necessary.		
Action (Previous years/completed)		Status	Challenges, solutions and further actions		
None					
Action (Future years)		Progress	Status	Challenges, solutions and further actions	
See Environmental Sustainability Strategy 2024 new Action Plan					
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}			
	2023/24	1,850 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 (kWh)	Depot (kWh)	Harlequin (kWh)	Other sites (kWh)
	2019/20:	Electricity: 503,558 Gas: 617,867	Electricity: 194,944 Gas: 309,209	Electricity: 356,777 Gas: 1,123,246	Electricity: 505,841 Gas: 45,023
	2020/21:	Electricity: 384,977 Gas: 558,949	Electricity: 222,691 Gas: 312,913	Electricity: 267,727 Gas: 616,962	Electricity: 602,280 Gas: 548,103
	2021/22:	Electricity: 360,444 Gas: 590,066	Electricity: 207,654 Gas: 256,144	Electricity: 314,301 Gas: 848,060	Electricity: 686,959 Gas: 543,023
	2022/23 *:	Electricity: 407,043 Gas: 413,728	Electricity: 226,061 Gas: 277,326	Electricity: 331,495 Gas: 1,550,772	Electricity: 803,186 Gas: 578,428
2023/24:	Electricity: 388,697 Gas: 526,069	Electricity: 209,849 Gas: 231,891	Electricity: 243,106 Gas: 295,563	Electricity: 1,139,017 Gas: 594,299	

Promote behaviour changes to reduce operational energy consumption			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing, or carried forward)	Progress	Status	Challenges, solutions and further actions
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 (which includes energy usage), but no progress has been made yet 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	<p>We continue to deliver domestic retrofit support with the aims of:</p> <ul style="list-style-type: none"> • Increasing residents access to grants • Increasing residents' knowledge of retrofit • Working with social housing partners • Delivering some easy wins for residents • Positively affecting the supply chain locally <p>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.</p> <p>Outcomes of this are the retrofit installs via the Home Upgrade Grant (HUG2) and Solar Together.</p> <p>The Council continues to contribute funding to the Action Surrey energy advice service for residents.</p> <p>Surrey County Council's SME schemes did not run in the year.</p>	Ongoing	<p>Challenges are short-term, time-limited competitive funding streams.</p> <p>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 promoting the Solar Together opportunity in 2024/25 for private residents to install solar PV.</p> <p>Any future retrofits for Raven Housing will not be presented here as they are now able to bid for SHDF independently of RBBC.</p>
2021/22 - Set up a mechanism to monitor and display energy consumption across the different Council's assets on a monthly basis	Options for smarter metering were explored through 2023/24.	Postponed	There is currently no means of collecting information, therefore it cannot be displayed. There is an aim to implement smarter metering later in 2024, with funding included within the capital programme.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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
See Environmental Sustainability Strategy 2024 new Action Plan			
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)	

	2023/24:	269 (82 Sustainable Warmth (LAD and Home Upgrade Grant HUG1) multiple measures installed, 12 HUG2 completed, 131 Household Support Fund minor energy efficiency measures and 44 Boiler Upgrade Scheme)
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:	583 ktCO _{2e}
	2019:	559 ktCO _{2e}
	2020:	501 ktCO _{2e}
	2021:	521 ktCO _{2e}
	2022:	489 ktCO _{2e}
	2023:	Data due end June 2025
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.
	2023/24:	See above (homes retrofitted) for households and below (renewable energy) for Solar Together. No business energy efficiency schemes this year.

Energy & Carbon: Renewable Energy			
Promote the use of renewable energy through on/off-site generation and renewable tariff procurement			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
2023/24 onwards - Consider innovative funding mechanisms to create renewable energy infrastructure within the Borough.	We have facilitated conversations between local schools and Surrey County Council (SCC) for SCC's solar Power Purchase Agreements (upfront funded solar PV on school roofs).	Started	The new 2024 Action Plan contains further actions relating to energy infrastructure.
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
(Additional action) 2021 ongoing - Work with partner organisation, residents, businesses and communities to encourage and facilitate the retrofit of homes with low carbon technologies	Promoted the 2023/24 Solar Together scheme for residents to install solar PV and battery storage, and 112 properties had installations.	Ongoing	Will continue to progress these workstreams and promote grant funding opportunities to residents as they become available. Promote the new round of Solar Together in 2024/25 offering the opportunity of solar PV across homes in the Borough.
2020/21- Procure renewable energy across RBBC assets	A new 2-year contract for a renewable electricity tariff started in October 2023.	Ongoing	There are challenges in finding suitable suppliers, some renewable tariffs are more expensive, and there are very few commercial renewable gas tariffs.
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	The Property team are investigating the potential to install solar across the Council's assets, and Community Infrastructure Levy (CIL) funding is available for nine sites.	Ongoing	There are resourcing issues in the Property team. Structural assessments will be needed to ensure the roofs can support solar panels.

2021/22 - Investigate and where appropriate implement opportunities to generate renewable energy from leased assets, subject to lease agreements.	Solar PV installation on Priory Park Pavilion and some temporary and emergency Housing stock.	Ongoing	There is an ongoing programme to install solar PV on more temporary and emergency accommodation during 2024/25.	
2022/23 - 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.	No progress. We continue to promote energy efficiency measures via the website.	Postponed	The ongoing volatility in the energy market precludes progress on this action at present. Rather than entering the energy market, it is preferable to focus our efforts on helping residents and businesses reduce energy consumption therefore this action will not be carried forward.	
2022/23 - Encourage businesses to generate renewable energy within their assets.	No direct action taken as other business support packages are available to local businesses. SMEs were eligible for Solar Together and a small number of PVs were installed by businesses through that scheme.	Ongoing	UKSPF (Shared Prosperity) funding has been allocated to supporting a SCC-coordinated business loans project in 2024/5.	
Action (Previous years/completed)		Status	Challenges, solutions and further actions	
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, solutions and further actions	
See Environmental Sustainability Strategy 2024 new Action Plan				
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%
	2023/24:	Approx 50% (half year)	Approx 50% (half year)	100%
Solar installations in borough (BEIS) (number of installations, generation in kWh) Regional Renewable Statistics - GOV.UK (www.gov.uk) (data for previous years revised annually by DESNZ)	2019	2,258 solar PV installations generating 6.4 MWh.		
	2020	2,355 solar PV installations generating 6.6 MWh.		
	2021	2,571 solar PV installations generating 8.2 MWh.		
	2022	3,011 solar PV installations generating 9,900 MWh		
	2023	To be published at the end of September 2024		

Energy & Carbon: Low Carbon Transport

Reduce carbon emissions associated with transport through minimising travel and reliance on personal car

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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 .	Surrey County Council has been rolling out a Digital Demand Responsive Transport (DDRT) service in parts of Surrey however not yet in R&B.	Started	The RBBC area is being considered for 2025.
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. The Development Management Plan (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, through work with the Surrey Enhanced Bus Partnership as well as Bus Priority Routes on the A23.	Ongoing	Continue to engage, including liaison with planning team to coordinate consistent asks of SCC. Further roll out of hydrogen fuelled replacement buses is being delayed until Health and Safety Executive agree the new hydrogen refuelling plant in Crawley.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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)		Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	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	
	2023/24:	Not available, but public transport use may be affected by ongoing rail strikes	

Improve the uptake of electric vehicles across the Borough			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
2020 ongoing - Continue to transition the Council's fleet to be fully electric, measures to include:	No new electric vehicles purchased in 2023/24, but approval given to purchase one electric	Ongoing	Whenever vehicles come up for replacement, consideration is given to low carbon replacements as

<p>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.</p>	<p>refuse collection vehicle. Further trials of EV vehicles and handheld Greenspaces equipment ongoing. Fleet transition will continue as vehicles reach end-of-life. Budget approval to run refuse vehicles on biofuel (a drop-in replacement for diesel) as a transition fuel to reduce carbon emissions whilst EV infrastructure is planned.</p>		<p>a priority. Trials will continue to determine vehicle and equipment suitability. Some equipment trialled has not met necessary operational requirements – equipment from three suppliers will be trialled. Electric equipment has cost implications and logistical issues to resolve, such as off-site charging and battery requirements. The layout of the Depot and unknown electrical capacity at the site may constrain progress to replace more vehicles with electric versions and is under investigation.</p>
<p>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)</p>	<p>Achieved and ongoing</p>	<p>Ongoing</p>	
<p>2020 ongoing - Update/upgrade existing charging points (e.g. Wray Lane) when it needs replacing.</p>	<p>No council owned charging points identified as in need of updating in 2023/24.</p>	<p>Ongoing</p>	<p>The current warranties are reaching end of life and a contactless pay system will need to be added to Wray Lane to comply with new legislation before November 2024.</p>
<p>2020 ongoing - Install charging points in Council's car parks and across the Council's owned assets.</p>	<p>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.</p>	<p>Ongoing</p>	<p>Limited progress by SCC with their car park and on-street charging contracts, therefore market-testing for installation of charging points in RBBC car parks is planned for Q1 2024/25. Reliance on third party action has slowed progress on Banstead car park chargepoints. Horley installation anticipated in summer 2024. Unknown electrical capacity at the Depot has the potential to constrain the installation of further EV chargepoints so conversations with the network provider are planned for Q1 2024/25 - viability of installing chargepoints at the Depot is key to decarbonising the fleet.</p>
<p>2020 ongoing - Work with SCC to implement their 'Electrical Vehicle Strategy'.</p>	<p>Superseded by EV working group and plans in relation to concession agreement and on street chargepoint installations. SCC has let contract for on-street chargepoint installation. Priority locations for on and off street chargepoints in the borough have been shared with SCC to inform their chargepoint roll-out activities and they are reviewing a list of potential locations in the Borough.</p>	<p>Ongoing</p>	<p>RBBC will support SCC to identify priority locations for on-street charging points and promote domestic kerbside charging opportunities to local residents. The first SCC on-street chargepoints in the borough are expected in 2024/25.</p>

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. Promoted SCC's EV grant for businesses using the M3 motorway near Guildford.	Ongoing	Continue to engage with private landowners and businesses, particularly through the Sustainable Business Network.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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)	
	2023/24:	43 as of Apr 2024 (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	
	Q4 2023:	2,440 battery electric vehicles; 1,743 hybrid electric vehicles	
Number of on-street charging points available in borough (SCC responsibility)	2020/21:	0	
	2021/22:	0	
	2022/23:	0	
	2023/24:	0	
Number of low-carbon hackney carriages licenced in the borough	2020/21:	0	
	2021/22:	1	
	2022/23:	1	
	2023/24:	2	
Proportion of Council fleet that is electric	2020/21:	10% (13 vehicles)	
	2021/22:	10% (13 vehicles)	
	2022/23:	10% (13 vehicles)	
	2023/24:	11% (13 vehicles in a smaller total fleet)	

Encourage the uptake of walking and cycling			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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	Not started. This action falls outside the direct control of the borough council	Postponed	Surrey County Council's Liveable Neighbourhood Scheme for Horley has been put on hold indefinitely.

ensure road-congestion and other traffic-related issues are not displaced elsewhere.			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
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 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	First stage of 4-stage LCWIP finalised in 2022. In late 2023 work started on Stage 2. Community Infrastructure Levy (CIL) funds used to support new path at Merland Rise and upgrade the cycle / footway path across ‘The Meadow.’ Sustrans project for an Active Travel Officer commenced in July 2023 for 12 months. The officer is promoting and supporting the uptake of active travel, identifying barriers and working with local communities and schools to overcome these, and making more use of existing active travel infrastructure.	Ongoing	It is hoped to extend the Active Travel officer post to the end of 2024/25. Stage 2 of the LCWIP considers the detailed design of each cycling and walking scheme which was identified in Stage 1. Good progress is being made on Stage 2, and it is scheduled for completion in autumn 2024, but some cycle routes have challenges to address.
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 this 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. Staff Travel Survey launched in March 2024.	Ongoing	Incentivisation will be covered as part of wider project about ways of working that is underway / progressing in 2023/24 and into 2024/25. The results of the Staff Travel Survey will inform recommendations for any additional incentives the Council can offer.
2021/22 - Install additional cycle parking spaces at key Council assets and across the Borough in strategic locations.	No action yet. Responses to the 2024 Travel Survey did not suggest additional cycle parking is needed in the short term.	Started	Demand for more cycle parking will be kept under review and the communications plan will include articles to raise awareness of existing cycle facilities.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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	
Action (Future years)	Progress	Stats	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	Not available	

Energy & Carbon: Embodied Carbon			
Reduce embodied carbon in new infrastructure or building projects			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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.	Surrey Net Zero new development project is on schedule for completion in 2024. The aim is to use the extensive evidence contained in the study to inform new/ revised plan policy.	Started	The Government does not expect plan-makers to set local energy efficiency standards for buildings that go beyond current or planned buildings regulations, which limits what RBBC and SCC can introduce.
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
None			
Action (Future years)	Progress	Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
Indicators			
None			

Low Impact Consumption: Waste Reduction			
Reduce waste through avoiding it in the first place and promoting reuse opportunities			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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	The existing printer contract ends in 2024/25 and will be put out to procurement. Recyclables will be included in the new contract where possible.
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).	The Sustainable Business Network has reported no demand for such a scheme.	Postponed	
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.	Will be reviewed during drafting of the new Local Plan.	Future action	
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
2020 ongoing - Eliminate single use plastic (SUP) within the Council's operated assets	No further progress this year with elimination.	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. Additional banks sited in the new Westvale development in Horley.	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 options and gradually moving towards reusable take-away box scheme.	We continue to promote messaging from Surrey Environment Partnership (SEP) and include information on our own website. However, specific SEP programme referred to here is on hold and compostable options are no longer seen as a preferred option.	Started	In 2024/5 we will be supporting a local Refill project to promote use of reusable bottles and refill.
2021 ongoing - Investigate the potential remanufacturing options for furniture when renewing furniture.	Small quantities of unwanted furniture are usually offered to charity or sent for disposal.	Not started	Sometimes too costly to support but we continue to seek alternatives.
2022/23 - 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.'
2022/23 - Investigate the commercial waste service collection streams available with the aim of increasing the recyclable collection service provision.	Work has started to determine actions necessary to comply with Simpler Recycling (announced in October 2023) – the government's response to the Resources and Waste Strategy. Legislation to implement the plans is still awaited.	Started	Proposals to comply with the government's announcement will go through the appropriate governance channels during 2024/25.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
2020/21 - Publicise better the water re-fill network within the Borough and sign-up additional businesses as refill stations across the Borough		Complete	
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	
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	
2021/22 - Investigate the potential to subscribe to a scheme to donate unwanted furniture		Complete	
Action (Future years)		Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	53,851 tonnes (provisional)	
Total waste generated by Council		Data currently unavailable – there is no existing mechanism to weigh our waste	

Facilitate recycling to maximise value of non-avoidable waste			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing on carried forward)	Progress	Status	Challenges, solutions and further actions
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).	The ongoing programme to provide recycling to all flats continues with approximately 5,500 remaining.	Ongoing	Challenges remain 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 which will be accelerated during 2024/25 to comply with the proposed Simpler Recycling household deadline of March 2026.
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	Reviewed potential for kerbside Waste Electrical and Electronic Equipment (WEEE) in 2023/24 but not currently feasible. SEP communications has been focusing on uptake of food recycling, and 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. For Council premises waste we will trial a recycling scheme for some hard-to-recycle wastes during Q1 and Q2 2024/25.
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.	Solar compacting bin project underway to install smart-bins across the borough. It may be possible to identify some of these for recycling, depending on an assessment of the risk of contamination.	Postponed	The proposed introduction of a Deposit Return Scheme for 'on-the-go' bottles is expected to reduce the volume of recyclable items in public space bins.
2021/22 - Subscribe to Nespresso coffee capsules close-loop recycling scheme	Capsule collection implemented in Q2 2023/24 and collected capsules will be returned to Nespresso for recycling.	Complete	In 2024/25 a trial will be conducted for recycling the Lavazza pouches used in the Town Hall coffee machines.
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	Alternative communication methods are being used to share general messaging in the absence of specific data.
(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	The government's response to the Resources and Waste Strategy, Simpler Recycling, was announced in October 2023, however secondary legislation is still to be implemented. The waste team are preparing options to comply with the anticipated requirements.	Started	Secondary legislation from the Environment Act in relation to recycling provision is still to be announced. Proposals to comply with the government's announcement will go through the appropriate governance channels during 2024/25.

2022/23 - 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 desire for any further industrial symbiosis discussions can be explored in 2024/25 through meetings of the network.
2022/23 – Investigate options to implement collection for difficult to recycle product (e.g. stationary) across Council assets with a view to extend to the Borough.	Approval has been gained for a 6-month trial in the Town Hall to collect stationary, Lavazza drinks pouches and 'break room' plastics.	Started	The trial will start in April 2024 and, if successful, recommendations will be made for rolling out collections across all sites and potentially a wider range of materials. The feasibility of hosting community collection points will also be considered.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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	No change this year.	Ongoing	The outcomes of the Simpler Recycling (from the government Resources & Waste Strategy) will require food waste collection bins from April 2025, in addition to the standard recycling bins already in place. Proposals to comply with the government's announcement will go through the appropriate governance channels during 2024/25.
None			
Action (Future years)		Progress	Status
See Environmental Sustainability Strategy 2024 new Action Plan			
Indicators			
Proportion of household waste recycled (borough-level)	2019/20:	54.3%	
	2020/21:	53.2%	
	2021/22:	55.6%	
	2022/23:	54.2%	
	2023/24:	54.2% (provisional)	

Promote anaerobic digestion and composting			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
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.	Surrey Environment Partnership (SEP) is focusing on uptake of food recycling, food waste reduction and composting and RBBC cross-promotes SEP social media coverage, but there were no specific projects in 2023/24.	Ongoing	Continue to work with SEP to encourage reduction and recycling of food waste. The government's Simpler Recycling proposals will require all homes to have weekly food recycling and the option for green waste recycling if requested, both by 31 March 2026. Proposals to comply with the government's announcement will go through the appropriate governance channels during 2024/25.
2021/22 - Investigate the viability of providing commercial food waste collection services across	Options are being reviewed to comply with the Simpler Recycling plans from the Resources and	Started	Proposals are being developed, but still awaiting secondary legislation from Government. The

the borough following the release of the UK Gov waste consultation in 2020	Waste Strategy. Small trials were undertaken at a couple of locations.		government's Simpler Recycling proposals will require all non-household municipal premises (except businesses with <10 FTE staff) to have food recycling by 31 March 2025. Proposals to comply with the government's announcement will go through the appropriate governance channels during 2024/25.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
None			
Action (Future years)	Progress	Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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%	
	2023/24:	29.3% (provisional)	

Encourage waste treatment locally to minimise transport emissions			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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.	A review was undertaken in 2023/24 to identify a new site.	Complete	A planning application for a new Materials Recovery Facility is expected to be submitted by SCC in 2024/25.
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
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)		Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
Action (Future years)	Progress	Status	Challenges, solutions and further actions
None			
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:	98.8% of the borough's recyclable waste processed in the UK	
	2023/24:	98.5% of the borough's recyclable waste processed in the UK (provisional)	

Low Impact Consumption: Water Efficiency

Reduce potable water consumption through a combination of efficiency and potable water substitution measures

Action (2023-24)	Progress	Status	Challenges, solutions and further actions		
None					
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions		
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	Around 100 water saving devices (provided free by SES Water) given out along with advice at half a dozen events.	Ongoing			
2020 ongoing - Engage with SESW to support them where possible in achieving their industry wide leak reduction targets.	SESW key messages were part of our public engagement.	Ongoing	The new 2024 Action Plan contains further actions to work with SESW.		
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	Survey on all will be undertaken in September 2024.	Started			
2020 ongoing - Consider rainwater harvesting or greywater recycling as part of any key upgrades undertaken by the Council to their assets.	No action on this to date. Planned for 2025.	Started	Opportunities to support greenspaces team activity.		
Action (Previous years/completed)	Status	Challenges, solutions and further actions			
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, solutions and further actions		
See Environmental Sustainability Strategy 2024 new Action Plan					
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)			
	2023/24:	146.4 litres per person per day (SESW supply area)			
Water consumption at council level (estimated readings) (excludes community centres)		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
	2023/24:	1,114 m ³	2,693 m ³	1,486 m ³	36,262 m ³

Low Impact Consumption: Responsible Sourcing

Maximise the use of materials and products that are produced responsibly (i.e. environmentally and socially)

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions

2020 ongoing - Prefer products that incorporate recycled content for key purchases (e.g. furniture, stationary, paper, paint)	Links to the wider procurement strategy update – a first step in the Procurement process update advises all procurers to consult the Sustainability team on a case-by-case basis for advice on items to include in the procurement documents.	Started	The Sustainability team will continue to engage in the procurement review and engage with procuring managers.
2021/22 – Introduce consideration of material toxicity as part of the procurement process (i.e. ITT and PQQ questions)	Links to the wider procurement strategy update – standard ITT and PQQ now contain generic environmental questions and a first step in the Procurement process update advises all procurers to consult the Sustainability team on a case-by-case basis for advice on items to include in the procurement documents.	Started	The Sustainability team will continue to engage in the procurement review and engage with procuring managers.
2021/22 - Switch to cleaning products that do not contain toxic ingredients and preferably use recycled containers	No change this year – the corporate contract requires that the provider ensures protection of the environment and undertakes contract delivery in a non-detrimental manner to the environment	Ongoing	The cleaning contract is due for renewal in 2024/25.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
Indicators			
Proportion of council-procured goods that have recycled content / FSC or PEFC (as a % of spend) (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 ')	2019/20:	34% of office products are environmentally friendly	
	2020/21:	50% of office products are environmentally friendly	
	2021/22:	34% of office products are environmentally friendly	
	2022/23:	78% of office products are environmentally friendly	
	2023/24:	59% of office products are environmentally friendly	
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	
	2023/24:	Data currently unavailable	

Encouraging healthy food products manufactured under adequate social and environmental standards			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions

2020 ongoing - Include healthier options within the vending machines located in assets operated by the Council.	Researched but not progressed.	Started	
2022/23 - Procure organic milk.	The milk is supplied by a local dairy firm (West Horsley Dairy) but is not organic.	Started	Cannot currently find a cost-effective local supplier of organic milk.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
2020/21 - Procure Fairtrade products for key office consumables (coffee, tea, sugar, hot chocolate)		Complete	
Action (Future years)	Progress	Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	No change	

Natural Environment: Ecological Enhancement			
<p>Improve tree cover across the borough</p> <p>Increase the area of soft landscape valuable to wildlife across the Borough</p> <p>Increase the amount of native species that attract pollinators</p>			
Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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. Will be developed as part of next Local Plan.	Future action	
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
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,	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 Officer appointed in Q2 2023. Trees and whips planted on Council land by the Greenspaces team, Surrey County Council and volunteers. Community Tree Planting guide is available on the Council website and continues to be promoted when community groups contact the Council	Ongoing	For community planting, ensuring trees are watered is a challenge. Wet weather and site conditions during the 2023/24 planting season made it difficult to plan planting and caused delays. Getting data on planting associated with new developments is not currently possible. An application has been made for treescape funding, hoping for 2500 whips and 60 smaller feathered trees to replace 12 ash for 2024/25.

and support, community tree planting initiatives; Investigate options for providing local carbon offsetting for third parties through tree planting or other measures.			
2020 ongoing - Identify areas of disused land which can be utilised for greening projects and implement projects where appropriate (viable and deliverable).	No additional areas identified this year.	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 pollinator-friendly seed mixes in areas of grassland around new developments.	Pollinator friendly species planted in Redhill Memorial Park, Reigate Priory, Woodhatch Park and Waterside totalling nearly 800m ² . Grass-cutting schedules are reviewed annually and residents are encouraged to participate in No Mow May Grass cutting and biodiversity . In April 2023 SCC took over verge maintenance so this action will no longer apply to RBBC in relation to highways verges.	Ongoing	There are challenges in preventing park users from using the areas planted. In 2024/25 three sites are due to be changed from annual to perennial bedding.
2021/22 - Investigate the potential to install green roofs / walls on council assets and implement projects where appropriate (viable and deliverable).	To be reviewed by the Property team in 2024/25.	Not started	
2022/23 - Organise annual contest for best wildlife garden of the Borough or local community challenge	No progress to date due to insufficient resources in the Greenspaces team.	Not started	The new 2024 Action Plan contains specific actions around wildlife promotion.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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	
2022/23 - Encourage residents to put up bug hotels, bird feeders and water fountains to attract wildlife (with measures to discourage rodents where needed)		Complete	
2022/23 - Provide a guide to residents to plant species to attract pollinators and landscape their front and back gardens.		Complete	
Action (Future years)	Progress	Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	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
	2023/24:	71 trees on Council land (46 by SCC), plus 90 whips on Council land (planted by volunteers), no data for new developments
Area of soft landscape created as part of new developments		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
	2023/24:	773m ² of pollinator and / or native species + 115m ² of sensory planting
Proportion of residents that have incorporated measures to attract biodiversity		Data currently unavailable

Natural Environment: Sustainable Drainage Systems

Mimic the natural water cycle to reduce surface water run off

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
2023/24 - Explore partnership with SES Water to support residents to soft landscape their front gardens.	Held initial conversations with SES Water.	Started	
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
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, but no further progress this year.	Ongoing	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.	No new surfaces but continued to maintain existing car parks and tracks on common land and allotments. Wet pour permeable like-for-like surface replacement at Ifold Rd and Howards Close Playground	Ongoing	For Greenspaces, paths and tracks are typically unbound (permeable) and are replaced like-for-like so continue to be permeable. Works at Horley Central Car Park in Q1/2 2024/25 will include permeable planting areas.
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.	No new SUDs on Council assets however continuing to maintain existing.	Ongoing	Continued liaison between the Greenspaces, Place Delivery and Sustainability teams at a project level. Discussions are beginning with SCC about flood alleviation measures on various pieces of RBBC land. The Merstham Recreation Ground improvement works will include naturalisation of the adjacent water drainage channel and drainage works.
Action (Previous years/completed)		Status	Challenges, solutions and further actions

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, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	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 (2023-24)	Progress	Status	Challenges, solutions and further actions	
None				
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions	
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	Glyphosate is used as a last resort; it is only used via injection system for direct treatment of Japanese Knotweed. In April 2023, highway verges returned to Surrey County Council significantly reducing annual glyphosate use.	Ongoing	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.	
Action (Previous years/completed)		Status	Challenges, solutions and further actions	
2020 ongoing - Work alongside SCC to investigate the suitability of implementing measures to limit unnecessary acceleration and deceleration and reduce engine idling.		Complete		
2022/23 - Use alternative to peat-based composts		Complete		
Action (Future years)	Progress	Status	Challenges, solutions and further actions	
See Environmental Sustainability Strategy 2024 new Action Plan				
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, whilst 2023 includes Covid lockdowns in 2021.		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: 12.9 Banstead Drift Bridge: 22.2	Reigate Background: 12.6 Reigate High St: 26.8	Horley A23 Brighton Road: 32.3 Horley The Crescent: 16.3

		Hooley Background: 12.9 Hooley A23: 40.9	Redhill Background: 13.6 Redhill Marketfield Way: no data	
	2023:	Banstead Background: 12.6 Banstead Drift Bridge: 21.8 Hooley Background: 13.0 Hooley A23: 37.6	Reigate Background: 11.9 Reigate High St: 25.0 Redhill Background: 13.5 Redhill Marketfield Way: no data	Horley A23 Brighton Road: 31.6 Horley The Crescent: 17.8
Annual amount of glyphosate used	2020/21:	699 litres		
	2021/22:	697 litres		
	2022/23:	370 litres		
	2023/24:	18.8 litres (used by injection for direct treatment of Japanese Knotweed)		

Effective Implementation: Resources

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

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
2020 ongoing - Keep track of cost/benefit of actions to ensure the most adequate opportunities are pursued in line with technological changes.	Environmental costs and benefits are included in business cases.	Ongoing	All projects should consider environmental and financial cost-benefit within project-specific business cases.
Action (Previous years/completed)	Progress	Status	Challenges, solutions and further actions
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
See Environmental Sustainability Strategy 2024 new Action Plan			

Effective Implementation: Partnership Working

Work with partner agencies to identify shared objectives and opportunities for cooperation

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
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 remains core to our work. We deliver outcomes in partnership with, for example Action Surrey/Surrey County Council (SCC) on domestic grants, Raven Housing Trust and DESNZ on closing the Social Housing Decarbonisation Funds project. We are part of the SCC and Districts and Boroughs Climate Change Officers network. We continued to help local energy reduction advice group Energy Action Reigate and Redhill who are now able to employ staff and have contributed to SCC's LEAD energy advice work (RBBC area	Ongoing	Will continue to communicate and expand the networks.

	completed the third highest number of energy surveys of all the Surrey boroughs). We've delivered in-person face-to-face events around domestic energy efficiency, water saving, smart meters and our general Sustainability messages at community centres and residents' meetings. Internal cross-team working examples are the Sustainable Business Network with Economic Prosperity and the Household Support Fund energy efficiency project with Community Partnerships.		
(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	No specific lobbying this year.	Ongoing	Will continue to review opportunities to lobby for power and resources as appropriate.
Action (Previous years/completed)		Status	Challenges, solutions and further actions
None			
Action (Future years)	Progress	Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			

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 (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
(Additional action) 2021 and ongoing – The Sustainability Team will undertake work to engage council staff further.	Engagement has continued via training, Drop-In sessions, the launch of a staff travel survey and workshops for the review of this Strategy. New Staff Sustainability Network started to meet in 2023 and meets every 2 months.	Ongoing	In order to engage new starters, it is proposed to start Sustainability Inductions during 2024.
(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 and action that residents, businesses and communities can take.	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.
(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	The My sustainable health , My sustainable home and About climate change pages are regularly reviewed and updated.	Ongoing	These pages will continue to be updated with new information as it becomes available.

link to the relevant pages relating to emergency planning where relevant.			
(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 focus on the revision to this Strategy, during which an engagement plan was developed and delivered to gauge resident, business and community organisation feedback.	Started	
Action (Previous years/completed)	Progress	Status	Challenges, solutions and further actions
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, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			
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	
	2023/24:	57% response rate (Travel Survey)	
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	
	2023/24:	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	
	2023/24:	No survey undertaken, but resident, business and organisation engagement as part of Environmental Sustainability Strategy review during this period.	

Effective Implementation: Planning

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

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
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	The Surrey Net Zero New Development Project contains evidence that could be used to inform such a policy but would require additional resourcing	Started	Uncertainty about government policy in this area.

meet any carbon shortfall from the development over the lifetime of the building			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
None			
Action (Previous years/completed)		Status	Challenges, solutions and further actions
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, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			

Effective Implementation: Procurement

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

Action (2023-24)	Progress	Status	Challenges, solutions and further actions
None			
Action (Ongoing or carried forward)	Progress	Status	Challenges, solutions and further actions
2020/21 - Prepare sustainability opportunities section to be incorporated into specifications that are then incorporated into tender documentations.	Links to the wider procurement strategy update – initially the Sustainability team are providing advice on each relevant procurement project.	Started	
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.	Links to the wider procurement strategy update – initially the Sustainability team are providing advice on each relevant procurement project.	Started	
Action (Previous years/completed)		Status	Challenges, solutions and further actions
None			
Action (Future years)	Progress	Status	Challenges, solutions and further actions
See Environmental Sustainability Strategy 2024 new Action Plan			