

Our Council: Becoming carbon neutral as an organisation by 2030							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
Our estate							
1.	Deliver the Decarbonisation Strategy to reduce emissions from Council Buildings	<ul style="list-style-type: none">Finalise delivery of Phase 1 of the Decarbonisation StrategyDeliver Phase 2 of the Decarbonisation StrategyPrepare Phase 3 and 4 of the Decarbonisation Strategy	High	High	Innovation and Funding	Q4 2023/24	Property Services
2.	Maximise the use of funding sources to deliver decarbonisation projects	<ul style="list-style-type: none">Ensure use of internal Climate Change Fund, Carbon Offset Fund from Planning Obligations and S106, and external funding sources such as PSDS to deliver corporate estate improvements that maximise carbon savings	Low	Enabling	Innovation and Funding	Q4 2023/24	Property Services
3.	Improve energy efficiency of street lighting	<ul style="list-style-type: none">Deliver planned programme to reduce energy use of street lighting through LED installationsExplore changes to lighting levels so that street lighting is less impactful on wildlife	Medium	High	Innovation and Funding	Q4 2023/24	Traffic and Engineering
4.	Decarbonise buildings that are owned by the Council but leased to others	<ul style="list-style-type: none">Complete review of leased buildings owned by the CouncilDevelop priority project plans for leased buildingsIdentify funding and start works on highest priority buildings	Medium	High	Innovation and Funding	Q4 2023/24	Property Services
Our waste							
5.	Reduce and remove single use plastics from Richmond Council sites	<ul style="list-style-type: none">Sign up to One World Living low plastic charterUse action framework in charter to achieve first level and develop plans for reaching the second	Low		Reduced Waste	Q3 2023/24	Assistant Chief Executive
Our vehicles							
6.	Transition the Council’s vehicle fleet to low and zero emission vehicles	<ul style="list-style-type: none">Finalise vehicle transition plan work with commissioned consultantsStart delivery of low carbon transition planMobilise 19 new vehicles for Building Maintenance fleetDevelop needs analysis and outline plans for charging infrastructure needs for the organisationIncrease number of EV and zero emissions vehicles in the fleet	Existing	Enabling	Improved Air Quality	Q4 2022/23	Financial Services / Assistant Chief Executive
Our purchasing							
7.	Increase the supply of the Council’s energy from renewable and low carbon sources	<ul style="list-style-type: none">Maintain zero carbon electricity purchasingFinalise energy generation strategy for all buildings in the portfolio.Install renewable energy generation as part of buildings decarbonisation workContinue options appraisals for new energy contract ahead of April 2024Engage with London Councils led Renewable Power for London programme to identify opportunities for collaborative energy purchasing	Low	High	Innovation and Funding	Q4 2023/24	Property Services
8.	Increase the number of contracts that are commissioned and procured sustainably	<ul style="list-style-type: none">Recruit procurement policy specialist to support work on low carbon and sustainable procurementFurther embed Low Carbon Toolkit within procurement approachProvide training and guidance on sustainable procurementDevelop tools to better assess carbon impacts from procurement	Existing	Medium	Thriving Green Economy	Q4 2023/24	Financial Services
9.	Work with partners to develop criteria that require disclosure of emissions, promote circular economy and reduce emissions through the supply chain	<ul style="list-style-type: none">Develop criteria and guidance on disclosure of carbon emissionsIdentify key providers/contractors to work with on increased disclosure and reporting on carbon emissions	Existing	Enabling	Thriving Green Economy	Q4 2022/23	Financial Services / Assistant Chief Executive
10.	Record Scope 3 emissions and set a Scope 3 emissions reduction target	<ul style="list-style-type: none">Commission an analysis of Scope 3 emissions from procurement to identify emissions ‘hotspot’ category and contract areaAssess options for longer term monitoring	Existing	Enabling	Thriving Green Economy	Q4 2023/24	Financial Services / Assistant Chief Executive
Our approach to the way we work							

Our Council: Becoming carbon neutral as an organisation by 2030							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
11.	Improve staff knowledge and skills around climate change and sustainability	<ul style="list-style-type: none"> Become a Silver Level Carbon Literate Organisation by rolling out Carbon Literacy Training for staff and councillors Develop strategic approach to sustainability skills Increase staff sustainability expertise and knowledge via IEMA Corporate Partnership Launch staff sustainability network to support skills and innovation 	Existing	Enabling	Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive
12.	Be open and transparent in our approach to climate change	<ul style="list-style-type: none"> Maintain CDP A rating in 2023 Report organisational carbon emissions Develop carbon emissions pathways for borough and council emissions. 	Existing	Enabling	Innovation and Funding	Q4 2023/24	Assistant Chief Executive
13.	Support staff to travel sustainably	<ul style="list-style-type: none"> Promote and encourage the use of schemes such as Bike2Work (including exploring options for Members to make use of this) Provide shower facilities on site for staff Introduce a salary sacrifice scheme for staff to buy electric vehicles 	Existing	Enabling	Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive / Corporate Services
14.	Develop a new Richmond Climate Emergency Strategy	<ul style="list-style-type: none"> Develop a new Richmond Climate Emergency Strategy to replace the 2019-2024 Richmond Climate Emergency Strategy 	Existing	Enabling	Innovation and Funding	Q4 2023/24	Assistant Chief Executive

Our legacy: Reducing direct carbon emissions and improving energy efficiency							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
Our communities							
15.	Lobbying and campaigning around climate change related issues	<ul style="list-style-type: none"> Work with London Councils to support lobbying asks from the 7 climate change programmes Use corporate partnership with IEMA to put forward asks to government on supporting climate change projects and policy, with a focus on swift enactment of the Environment Act. 	Existing	Enabling	Low carbon behaviours	Q4 2023/24	Assistant Chief Exec
16.	Increased communication around climate change	<ul style="list-style-type: none"> Continue to publish monthly newsletter and increase take up for the newsletter. Improve climate webpages, produce a pack on climate adaptations for the home that can sit on website. 	Existing	Enabling	Low carbon behaviours	Q4/1	Assistant Chief Exec
17.	Introduce a Richmond Sustainability Partnership	<ul style="list-style-type: none"> Establish the Richmond Sustainability Partnership, a forum to bring together public sector, businesses and community groups to share knowledge, network and collaborative on local climate action. 	Existing	Enabling	Low carbon behaviours	Q2	Assistant Chief Exec
18.	Deliver local Big Green Week to celebrate and promote local community climate action	<ul style="list-style-type: none"> Set up and deliver community workshops to support local groups to run events and activities during BGW. Develop and promote a programme of events and activities happening during Big Green Week. Track number of events and residents engaged through local events during BGW. Improve on last year's programme to increase engagement. 	Low	Enabling	Low carbon behaviours Thriving green economy	Q2 2023/24	Assistant Chief Exec
19.	Continue to support Inter-faith groups to take action on climate through ongoing events and activities.	<ul style="list-style-type: none"> Design and deliver tailored events and activities throughout the year to support faith communities to take action on climate Deliver faith and climate event during Inter-faith week 	Existing	Enabling	Low carbon behaviours	Q4 2023/24	Assistant Chief Exec
20.	Attend local events to promote councils climate work	<ul style="list-style-type: none"> Design a stalls pack to take to local pop-up events Attend key events throughout the year including summer fairs Delivered targeted local events partnering with local organisations and community groups to reach "underrepresented" audiences. 	Existing	Enabling	Low carbon behaviours	Q3 2023/24	Assistant Chief Exec
21.	Establish expert network to connect local sustainability experts with local businesses and community groups.	<ul style="list-style-type: none"> Design and deliver a mechanism to connect local climate and sustainability experts with community groups and businesses. Promote this connection services through communications channels, at events and at WSP. Connect initial participants and gather feedback on system. 	Existing	Enabling	Low carbon behaviours Thriving green economy	Q4 2023/24	Assistant Chief Exec
22.	Support businesses to improve their energy efficiency and reduce carbon emissions	<ul style="list-style-type: none"> Support for businesses will provided via Better Futures+ and CREW Energy, enabling businesses to improve energy efficiency, develop retrofit and reduce their carbon emissions. 	Existing	Enabling	Low carbon behaviours Thriving green economy	Q4 2023/24	Assistant Chief Exec
Our homes and buildings							
23.	Ensure the new Local Plan is as low carbon as possible	<ul style="list-style-type: none"> Explore going beyond London Plan standards for carbon neutral developments, with offsetting a last resort Ensure developments are climate resilient and require the use of sustainable drainage and other flood management systems Maximise opportunities for on-site renewable energy generation and retrofit Use placemaking that prioritises sustainable travel and considers a 15-minute city approach to development Ensure infrastructure is a key component of planning and results in biodiversity net gain Provide for monitoring of the effectiveness of the Local Plan through regular performance assessment against a series of quantitate indicators Require development to be 'air quality neutral' during construction and operation Require whole lifecycle emissions assessment from developers, circular economy statements and contributions to the costs of monitoring energy efficiency in line with the GLA's 'be seen' hierarchy and monitoring guidance. <p>• Q3 2022/23: Revise draft and consult on Publication draft Local Plan.</p>	Low	Enabling	Resilient Infrastructure and Communities	Q3 2024/25	Transport and Planning

Our legacy: Reducing direct carbon emissions and improving energy efficiency							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
		<ul style="list-style-type: none"> Q1 2022/23: Submission to Planning Inspectorate of draft Local Plan. Q1 2024/25: Independent examination in public, report due Q1 2024/25. Q3 2024/25: Adoption of New Local Plan 					
24.	Deliver energy efficiency for those on low income or in poor energy efficient homes	<ul style="list-style-type: none"> Complete delivery of Green Homes Grant Phase 3, targeting delivery for 30 homes Secure funding as part of pan-London bid for HUG 2 Start delivery of energy efficiency improvements under HUG 2 (subject to funding being secured) Seek out additional funding for retrofit and energy efficiency Support actions emerging from the London Councils Retrofit London programme on promoting retrofit for those on low incomes 	Existing	Medium	Resilient Infrastructure and Communities	Q3 2023/24	Assistant Chief Executive
25.	Provide energy efficiency advice and help for residents to address the Cost of Living crisis	<ul style="list-style-type: none"> Monitor impact of additional funding provided to SW LEAP to expand capacity for providing energy efficiency advice and support for 200 additional interventions Monitor impact of additional funding provided to Thinking Works to expanded capacity for providing energy efficiency advice and support for 100 additional interventions Consider additional funding and capacity needs on energy efficiency advice in light of ongoing Cost of Living crisis Seek out additional funding from external sources to support Cost Of living related energy efficiency advice and support. 	Medium	Low	Resilient Infrastructure and Communities Innovation and Funding	Q3 2023/24	Assistant Chief Executive
26.	Provide advice and support for retrofit for the 'able to pay' residents	<ul style="list-style-type: none"> Take part in next phase of Solar Together London Scheme or equivalent supported solar PV purchase scheme Develop guidance on retrofit for the 'able to pay' market, to help residents navigate their way to improve homes and buildings that are low carbon Carry out communication and engagement to promote retrofit guidance Encourage monitoring and feedback on retrofit improvements to track impact and build the case for retrofit Support actions emerging from the London Councils Retrofit London programme on promoting retrofit for the able to pay market alongside support and collaboration with local residents groups in Twickenham and Richmond who have expressed an interest in exploring what can be done in their neighbourhoods on retrofit. 	Existing	Medium	Innovation and Funding	Q3 2023/24	Assistant Chief Executive
27.	Investigate Green Finance options for energy generation and retrofit	<ul style="list-style-type: none"> Track progress of 3Ci initiative and explore funding options emerging from the work Explore options and develop approach on alternative funding for energy generation and retrofit 	Existing	Enabling	Innovation and Funding	Q3 2023/24	Assistant Chief Executive
28.	Encourage and support community energy projects	<ul style="list-style-type: none"> Produce information and signposting for community groups re community energy projects Provide support and assistance to get a pilot energy community energy project underway in the borough. Develop improvements to planning rules and guidance on solar panels to enable easier installation of solar PV for residents 	Existing	Enabling	Innovation and Funding	Q3 2023/24	Assistant Chief Executive
Our streets							
29.	Increase and improve electric vehicle infrastructure	<ul style="list-style-type: none"> Increase the number of EV charging points in the borough Ensure a fair and even distribution of EV charging points across the borough Investigate provision of cable channels in pavements to allow for EV charging at home Identify partnerships and funding opportunities to increase delivery of EV chargepoints 	High	High	Improved Air Quality	Q4 2023/24	Transport and Planning
30.	Support and promote car clubs	<ul style="list-style-type: none"> Complete procurement of a back to base car club operator Launch back to base car club service 	Medium	Medium	Improved Air Quality	Q3 2023/24	Transport and Planning
31.	Encourage e-transport and e-mobility	<ul style="list-style-type: none"> An additional 6 ecargo bikes will be put in place that can be accessed for low cost by residents and businesses Extend e-scooter trial to May 2024 and identify additional parking locations 	Medium	Low	Improved Air Quality	Q3 2023/24	Transport and Planning

Our legacy: Reducing direct carbon emissions and improving energy efficiency							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
		<ul style="list-style-type: none"> Enter into agreements with 4 dockless e-bike companies to provide easy access to e-bike hire across the borough 					
32.	Improve cycling infrastructure	<ul style="list-style-type: none"> Install 35 additional bikehangars across the borough, matching locations with demand Install 5 bikehangars on RHP estates 	Medium	Medium	Improved Air Quality Improved Health	Q4 2023/24	Transport and Planning
Our Schools							
33.	Promote energy efficiency and decarbonisation of buildings for schools	<ul style="list-style-type: none"> Complete options appraisals on decarbonisation of school buildings Share options appraisals with schools and discuss Host workshops with schools on energy efficiency and energy management Add further information on energy efficiency and decarbonisation to Schools Resource Hub 	Low	Enabling	Resilient Infrastructure and Communities	Q2 2023/24	Property Services
34.	Support schools action	<ul style="list-style-type: none"> Regular attendance at Schools Improvement Forum to provide updates on the Schools Climate Resource Hub as well as project opportunities for schools. 	Existing	Enabling	Resilient Infrastructure and Communities Low Carbon Behaviour	Q4 2023/24	Assistant Chief Executive
35.	Youth council	<ul style="list-style-type: none"> Involvement in the Youth Council work will continue through the year, supporting the Youth Council on deliberation of projects and assessing future funding options for the following year. 	Low	Low		Q3 2023/24	Assistant Chief Executive

Our waste: Waste, plastics and the circular economy							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
Our waste							
36.	Improve and expand waste collection offer	<ul style="list-style-type: none"> The rollout of additional food waste collection for flats will continue throughout 2023, with agreements finalised for further flats for food waste collection. Options explored for further textiles collection sites where feasible and where there is potential demand 	Medium	Medium	Reduced Waste	Q4 2023/24	Waste
37.	Improve options for kerbside collection of recycling materials.	<ul style="list-style-type: none"> Plans for kerbside collection of WEEE will be completed and options explored for further textiles collection sites where feasible and where there is potential demand Continue megaskips collections trial 	Low	Low	Reduced Waste	Q4 2023/24	Waste
38.	Encourage reduction in waste through education, improved communication materials and campaigns	<ul style="list-style-type: none"> An Engagement Team is being contracted to help residents reduce and recycle more food waste on low performing kerbside collection round/days, supported by the West London Waste Authority 	Medium	Enabling	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Waste
39.	Explore increased enforcement and fines for littering	<ul style="list-style-type: none"> Implement 'Caught on camera' scheme targeting flytippers 	Medium	Low	Reduced Waste	Q4 2023/24	Waste
40.	Reduce the environmental impact of events in parks.	<ul style="list-style-type: none"> Develop new parks events policy Produce events guidance that emphasises sustainability, minimisation of waste and encouragement of more sustainable disposal options. This will be supported with guidance on sustainability best practice, options and suggestions for events, which will be accessible not only for parks based events, but for events that are held across the borough 	Existing	Medium	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive / Leisure
Our plastic							
41.	Reduce single use plastic use	<ul style="list-style-type: none"> Continue to lead the plastics workstream of London Councils One World Living programme Introduce a single use plastics charter Create advice for businesses on reducing and avoiding single use plastic Engage in cross-borough work on refill mapping Run ECO Refill projects in schools, promoting refill 	Low	Medium	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive
42.	Raise awareness of single use plastics, their impact, and how people can avoid or reduce them.	<ul style="list-style-type: none"> Develop comms and engagement to raise awareness and provide information on single use plastics Work with local groups and champions to support plastics free community campaigns Support schools with information and action they can take around reducing plastic use 	Low	Medium	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive
Our circular economy							
43.	Explore options for implementing a Circular Economy Hub in the borough	<ul style="list-style-type: none"> Establish scope of potential CE Hub in partnership with WLWA Identify potential sites for CE Hub Identify funding options for CE Hub 	Existing	Low	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive / Waste
44.	Support and promote the reuse and repair of electricals	<ul style="list-style-type: none"> Continue to take part in London Councils One World Living programme and support the electrical workstream Support and promote repair cafes and restart parties in the borough Take part in London Repair Week Identify pilot projects to progress locally as part of the One World Living programme 	Low	Low	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive
45.	Reduce single use plastic use	<ul style="list-style-type: none"> Continue to take a lead role in plastics workstream of London Councils One World Living programme Introduce a single use plastics charter Create advice for businesses on reducing and avoiding single use plastic Engage in cross-borough work on refill mapping Run ECO Refill projects in schools, promoting refill 	Low	Medium	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive

Our waste: Waste, plastics and the circular economy							
Action		Deliverable and Outcome	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
46.	Reduce textiles waste	<ul style="list-style-type: none"> Work with RCA's Textiles Circularity Centre to support their innovative work on textiles Deliver a textiles communication and engagement campaign to promote ethical fashion, clothing care and repair Develop an education pack for schools, FE, HE and community groups to promote sustainable textiles Explore increased textiles recycling collections 	Low	Low	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive
47.	Promote sustainable food	<ul style="list-style-type: none"> Continue to take part in London Councils One World Living programme and as part of this support the food workstream reducing food waste, promoting sustainable diets and reducing emissions from food. Engage and promote monitoring of food waste reduction to businesses Support a pan London sustainable and healthy diet awareness campaign Take part in London Circular Food Procurement Working Group to develop sustainable food approaches Develop and launch the Richmond Food Partnership, which will include a focus on sustainable and low carbon food, will be developed. Work closely with WLWA to develop and implement a range of measures and support for schools on sustainable food and reducing food waste 	Low	Low	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive
48.	Support the Circular Economy	<ul style="list-style-type: none"> Take part in London Circular Economy week Work with ReLondon to encourage sign up to circular matchmaker platform so circular economy businesses can meet people interested in purchasing products and services Launch the borough's first Library of Things 	Low	Low	Reduced Waste Low Carbon Behaviours	Q4 2023/24	Assistant Chief Executive

Our air: Improving local air quality							
Specific Action(s)		Measure / Target	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
Delivering against key KPIs:							
Links to following Strategies/Action Plans							
49.	Deliver the actions in the Richmond Air Quality Action Plan 2019-24	<ul style="list-style-type: none"> Delivery of actions Start development of a new AQAP for 2024 	Existing	Enabling	Improved Air Quality	Q4 2023/24	Regulatory Services
Our data							
50.	Maintain and improve air quality monitoring to provide the best possible data	<ul style="list-style-type: none"> Maintain existing monitoring network, with 20 monitors extended from Internet of Things monitoring programme Identify opportunities for improved monitoring if they becomes available Ensure data on air quality made available either on the Council website or via Breathe London 	Existing	Enabling	Improved Air Quality	Q4 2023/24	Regulatory Services
51.	Encourage and support citizen science activities that identify and tackle air pollution	<ul style="list-style-type: none"> Encourage, support and engage with citizen science activities where these actively contribute to identifying and tackling air pollution in the borough, Provide diffusion tubes and hand-held monitoring to support citizens science work 	Existing	Enabling	Improved Air Quality	Q4 2023/24	Regulatory Services
Our streets							
52.	Lobby TfL for cleaner, less polluting models of buses	<ul style="list-style-type: none"> Work with London Councils and neighbouring boroughs to lobby TfL for cleaner buses on the bus routes in Richmond 	Existing	Enabling	Improved Air Quality	Q3 2023/24	Regulatory Services / Assistant Chief Exec
53.	Investigate options for consolidation hubs	<ul style="list-style-type: none"> Build on scoping exercise examining role of the council in accelerating the consolidation of deliveries in the borough and transition to zero emission last mile deliveries. Develop options for further information and action Secure funding from TfL to commission feasibility study Complete guidance note completed 	Existing	Enabling	Improved Air Quality	Q3 2023/24	Regulatory Services
54.	Eliminate diesel emissions from non-itinerant food trading, including ice cream vans.	<ul style="list-style-type: none"> Electrification of trading pitches to reduce localised air pollution and carbon emission from static vehicles will continue with delivery completed in summer 2023. New Street Trading Licenses which requires all new static pitch traders to plug into an electrical supply and require all existing traders to comply by January 2024. 	Existing	Enabling	Improved Air Quality	Q3 2023/24	Regulatory Services / Highways and Engineering
Our communities							
55.	Continue opposition to Heathrow expansion by working with other councils, Greenpeace and the Mayor of London.	<ul style="list-style-type: none"> Continue to monitor development around Heathrow expansion 	Existing	Enabling	Improved Air Quality	Q4 2023/24	Assistant Chief Exec
56.	Raise awareness and promote behaviour change around idling	<ul style="list-style-type: none"> Anti-idling campaigns to be delivered throughout the year Working with schools and businesses, as well as targeting hotspot areas for enforcement. 	Existing	Enabling	Improved Air Quality	Q4 2023/24	Regulatory Services
57.	Raise awareness and promote behaviour change around wood burning impacts and alternatives	<ul style="list-style-type: none"> Winter wood-burning communications and engagement campaign will be delivered use findings from DEFRA funded assessment on the health impacts of smoke control areas to inform a awareness raising campaign. 	Existing	Enabling	Improved Air Quality	Q4 2023/24	Regulatory Services
Our schools							
58.	Assess air pollution exposure reduction installations around nurseries and primary schools in the borough to identify impact and feasibility of wider rollout	Continue to promote and consult on school streets	Existing	Enabling	Improved Air Quality	Q4 2023/24	Planning and Transport

Our nature: Green infrastructure and biodiversity							
Specific Action(s)		Measure / Target	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
Our biodiversity							
59.	Support the delivery of the Local Biodiversity Action Plan (LBAP).	<ul style="list-style-type: none"> Actions in LBAP delivered for 2023 Increased partnership working and delivery 	Existing	Adaptation	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure
60.	Deliver communication and information for residents on actions they can take to improve biodiversity	<ul style="list-style-type: none"> Communications delivered and information updated on website focused on the importance of biodiversity and actions that can be taken to help (e.g. not concreting over front gardens, planting native species in gardens, encouraging wildlife) 	Existing	Adaptation	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure
61.	Deliver rewilding project for schools	<ul style="list-style-type: none"> Develop supporting information Engage with schools interested in rewilding Deliver projects in 5 schools across the borough 	Existing	Adaptation	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure / Assistant Chief Executive
62.	Deliver the Cultural Reforesting Programme, which will renew our relationship with nature.	<ul style="list-style-type: none"> Collate and assess submissions from team across the organisation for collaboration and partnership working opportunities Identify priority areas and develop projects 	Existing	Enabling	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure
Our trees							
63.	Plant additional trees across the borough	<ul style="list-style-type: none"> Complete 2022/23 Tree Planting season Deliver ecosystems services study and engage local groups in study Develop plans for 2023/24 planting season, utilising finding from ecosystems services study Start delivery on 2023/24 planting season 	Medium	Adaptation	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure
64.	Work with friends groups to support and protect trees	<ul style="list-style-type: none"> Continue to work closely with friends groups on trees Support the Friends of Street Trees group as it grows its network Provide information and guidance on summer watering for trees during prolonged hot and dry spells 	Existing	Adaptation	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure
65.	Identify and celebrate Veteran and Heritage trees	<ul style="list-style-type: none"> Continue promotion of educational material developed celebrating heritage trees and engagement with groups Offer walks and talks on heritage trees across the borough 	Existing	Adaptation	Improved Biodiversity and Green Spaces	Q4 2023/24	Leisure

Our resilience: Climate resilience and flooding							
Specific Action(s)		Measure / Target	Cost	Carbon Impact	Co-benefits	Timeline	AD Lead (s)
Our resilience							
66.	Identify residents at highest risk of the impacts of climate change.	<ul style="list-style-type: none"> Finalise Richmond Climate Risk Mapping, including vulnerability score for local areas and publish Use the Richmond Climate Risk Mapping tool to identify vulnerable residents Develop a plan for how to use the Richmond climate risk mapping tool to reduce risks and vulnerabilities 	Existing	Adaptation	Resilient Infrastructure and Communities	Q2 2023/24	Assistant Chief Executive
67.	Develop and install SuDS across highway network and in conjunction with Parks teams, considering habitat preservation.	<ul style="list-style-type: none"> Install SuDS in priority locations 	Existing	Adaptation	Resilient Infrastructure and Communities	Q4 2023/24	Traffic and Engineering
68.	Understand future local impacts of climate change emerging from global changes	<ul style="list-style-type: none"> Carry out an assessment to understand the borough's capacity to house climate migrants Identify barriers that are currently reducing capacity Identify measures that need to be implemented to remove barriers 	Existing	Adaptation	Resilient Infrastructure and Communities	Q3 2023/24	Assistant Chief Executive
Our health							
69.	Improve collaboration and partnership on climate change across health and social care.	<ul style="list-style-type: none"> Continue role in development and delivery of SWL ICS Green Plan Contribute to the NHS Green Plan 	Existing	Adaptation	Improved Health	Q4 2023/24	Public Health
70.	Treat the Climate Emergency as a Health Emergency	<ul style="list-style-type: none"> Implement actions in the Public Health action plan Develop key messaging and engagement on the impacts of climate change on health and deliver to targeted communities and groups Complete and Launch Making Every Contact Count (MECC) module for staff on impacts of climate change and health 	Existing	Adaptation	Resilient Infrastructure and Communities Improved Health	Q4 2023/24	Public Health
Our water							
71.	Deliver the Beverley Brook Innovative Flood Resilience Project focused on the Beverley Brook	<ul style="list-style-type: none"> Finalise engagement communication and engagement approaches Deliver engagement and workshops with the community to develop project ideas Develop project actions and start delivery 	Existing	Adaptation	Resilient Infrastructure and Communities Improved Health	Q4 2023/24	Traffic and Engineering / Assistant Chief Executive
72.	Implement the Local Flood Risk Action Management Strategy and Surface Water Management Plan	<ul style="list-style-type: none"> Launch consultation on Flood Risk Management Strategy and update to reflect feedback Prioritise flooding interventions at the highest risk areas Develop proposals for flooding interventions at key priority areas 	Medium	Adaptation	Clean Water Resilient Infrastructure and Communities	Q4 2023/24	Traffic and Engineering

Definitions

Q1 is April to June. Q2 is July to September. Q3 is October to December and Q4 is January to March.

Costs and carbon impacts have been estimated and categorised, as set out in the table below. Co-benefits of the actions have also been identified, with a list of co-benefit areas set out in the table. An explanation of the co-benefits is set out below.

Carbon impact is based on the potential carbon savings that will occur if the project or approach is delivered. The impact is based on carbon data where it is available, where this data is not available it is based upon proxy data or estimates of the likely impact.

Costs	Carbon Impact	Co-benefits
<ul style="list-style-type: none"> Existing – to be met from existing and already identified resource Low – under £50k required for the project or approach Medium – Between £50k and £250k required for the project or approach High – Over £250k required for the project or approach 	<ul style="list-style-type: none"> Enabling – action will not save carbon directly but will help create an environment where other actions can take place to save carbon or create climate resilience Low – reduce carbon emissions in this area by under 10% Medium – reduce carbon emissions in this area by between 10% and 25% High – reduce carbon emissions in this area by over 25% Adaptation – action will help adapt to current and/or future impacts of climate change 	<ul style="list-style-type: none"> Thriving Green Economy Resilient Infrastructure and Communities Improved Health Improved Air Quality Innovation and Funding Low Carbon Behaviours Improved Biodiversity and Green Spaces Reduced Waste Clean Water

Co-benefits: an explanation

Climate co-benefits are beneficial outcomes from action that are not directly related to climate change mitigation. Such co-benefits include cleaner air, green job creation, health benefits from active travel, and biodiversity improvement through expansion of green space. Planning climate action that also delivers co-benefits can enable us maximise opportunities to address multiple social, environmental, and economic challenges. We have identified the co-benefits of our actions throughout our Climate Emergency Strategy Action Plan. An expansion and explanation of what we mean for each co-benefit is set out below:

- Thriving Green Economy: Action supports the development of the green economy. This can include green jobs, green skills, investment in business and the circular economy. A green economy can lead to secure jobs, lower carbon emissions from business and provide improved low carbon choices for residents in what they buy and consume.
- Resilient Infrastructure and Communities: Action supports our places and communities to be ready for the impacts of climate change such as flooding, heat waves or other extreme weather events.
- Improved Health: Action supports improved health of the population.
- Improved Air Quality: Action reduces air pollution and improves air quality.
- Innovation and Funding: Action supports new approaches, ideas or ways of working that are innovative and a move away from traditionally used approaches. Action attracts new or additional funding to the organisation or the borough, or reduces costs over the long term.
- Low Carbon Behaviours: Action promotes changes in the way people act and the choices they make so they are acting in low carbon ways.
- Improved Biodiversity and Green Spaces: Action supports increased biodiversity in the borough, increased plant or animal life or supports the promotion, improvement or preservation of green spaces.
- Reduced Waste: Action supports a reduction in waste materials being generated or supports generation of materials that can be reused within a circular economy approach.
- Clean Water: Action supports the preservation of clean water in the borough by reducing water demand and/or reducing potentially polluting water run off.