

Runnymede Borough Council
Climate Change Strategy
2022-2030

Climate Change Strategy:

Context

The Challenge

The United Nations and the international scientific community have clearly identified the severe global human, environmental and economic threats that man-made climate change poses. If the world is to avoid the most serious effects of climate change, global warming must be limited to 1.5°C above pre-industrial levels, as laid out in the UN Paris Climate agreement.

The Intergovernmental Panel on Climate Change has set out the likely effects of the average global temperature increasing beyond 1.5°C. These include more extreme weather events, rising sea levels, and significant disruptions to natural ecosystems resulting in loss of biodiversity, shortages of food, and water.

The fundamental challenges which we all face are twofold:

- i) Mitigate the worst effects of Climate Change by limiting the rise in global temperature to 1.5°C above pre-industrial levels
- ii) Adapt to the inevitable effects of Climate Change which are already in progress

The Runnymede Climate Change Strategy sets out the overarching objectives which the Council has adopted to meet these challenges.

The Strategy is a dynamic document which will evolve and adapt as new impacts are identified, regulatory changes are brought forward, and further actions become known.

All actions will be subject to evidence and fact-based evaluation against their effectiveness to achieve the Strategy objectives before being brought to Members for decision.

Reducing the Council's Carbon Emissions:

The primary focus of the Climate Change challenge is to limit global warming to 1.5°C above pre-industrial levels and the first action of the Strategy is to identify the Carbon emissions arising from the Councils operations.

While Carbon dioxide is the primary driver, it is not the only greenhouse gas driving global warming. To address this in the Strategy, the Council has adopted the international convention to present all Carbon emission calculations in tonnes of carbon dioxide equivalent (TCO₂e). All greenhouse gas emissions emitted will be converted into CO₂ equivalents based on their global warming potential and represented as carbon dioxide.

Consequently, the primary objective of the Strategy is to reduce Carbon emissions from the Council's operations and the wider Runnymede community.

In 2019 the UK became the first major economy in the world to legislate a binding target to reach 'Net Zero Carbon' emissions by 2050.

On the 26 January 2022, Runnymede Borough Council committed to tackling Climate Change and adopted the target to achieve operational 'Net Zero Carbon' emissions from its own services and operations by 2030.

*Net Zero Carbon is achieved when the total operational carbon emissions released on an annual basis average to be zero or negative i.e., the amount of emitted carbon balances with those removed or offset.

The public declaration of a 2030 operational Net Zero Carbon target commits us to tackling climate change across every aspect of our service provision and estate.

The overarching UK target to reach Net Zero Carbon emissions by 2050 can only be achieved by everyone working together: Governments, Local Authorities, business, local communities and right down to our own individual choices.

The Council has an obligation to reduce the Carbon emissions from its operations and to play its part in supporting our communities and businesses to do the same. There are difficult decisions to make, and we recognise that the Community has a right to be informed and to contribute to the decision-making process. An integral part of the Strategy will be to convene the 'Citizens' Panel' which will be truly representative of Runnymede residents and communities, to provide the channel of communication to achieve this.

The Council has reduced its Carbon emissions through embedded changes in our day-to-day operations over many years, but there is more to do. This can only be achieved by making radical changes to all of the Council's Services. Our existing Carbon emission reduction measures and additional future programs address both mitigation and adaption to climate change. These are identified in the Strategy.

.... But it is not all about the Carbon

Carbon emissions are internationally identified as the principal driving factor behind the increase in global warming.

The consequences that flow from this also impact other important changes in our environment including biodiversity, food production and water management which necessitate adaptation.

There is an existing internal mandatory requirement to take account of and consider the environmental, sustainability, and biodiversity implications of all Council decisions and these are embedded within the actions laid out in the Strategy.

Specific actions to address biodiversity include but are not limited to the Council's active participation in the River Thames Scheme which, if the Development Consent Order is granted consent, has the intended objective to increase biodiversity in addition to providing flood alleviation; and actions to evaluate and where possible improve the biodiversity of our parks and open spaces.

Runnymede Borough Council supports the Surrey County Council's Climate Change Strategy and the shared ambition of the Surrey Local Authorities that our residents live in clean, safe, green communities where people and organisations embrace their environmental responsibilities. The Council recognises the advantage to be gained from working collegiately with the County, District and Borough Authorities.

Achieving these ambitions and successfully reaching our targets for Runnymede also requires action from national government including further decarbonisation of the grid and changes to national policy and regulations. We will seek to engage with Government to facilitate and input to these changes and to support the objectives laid out in this Strategy.

* Net Carbon Zero is expressed with respect to operational Carbon Emissions. It is generally accepted that is not possible to address historical carbon emissions in the current timeframe

What are the Council's Statutory Requirements?

The Climate Change Act 2008 established a legally binding target to reduce the UK's greenhouse gas emissions by at least 80% in 2050 from 1990 levels.

In June 2019, parliament passed The Climate Change Act 2008 (2050 Target Amendment) Order 2019, which now requires the Government to reduce the UK's net emissions of greenhouse gases by 100% relative to 1990 levels by 2050.

The Localism Act 2011 requires local authorities to implement action on climate change.

For the most part, regulations around climate change are enshrined within planning law with specific reference to the Local Plan. Runnymede's 2030 Local Plan is compliant with these regulations.

The Council is mandated to report all current Greenhouse Gas emissions to the Department for Business, Energy & Industrial Strategy.

There are no other regulatory requirements on Local Authorities specific to Climate Change.

Therefore, from a regulatory perspective, the actions identified in the Strategy are 'discretionary'.

What are we doing already?

The Council has already taken a number of positive actions on Climate Change both to mitigate and adapt to its impact.

All actions are reported regularly on our webpage, and you can read more at www.runnymede.gov.uk/green-runnymede.

Details can be found under the 'Action Plan' section of this document including the following:

- The Runnymede Local Plan 2030 includes the following Climate Change policies
 - use of decentralised, low carbon and renewable energy
 - managing flood risk
 - flexible, multiple use design
 - sustainable construction & demolition
- Flood Alleviation: River Thames Scheme:
Circa £0.75bn flood alleviation scheme protecting 11,000 homes, 1,600 businesses and vital infrastructure (Roads, rail, power, and water) from the worst effects of flooding with anticipated opportunities for Carbon sequestration and enhanced biodiversity.
This is designated as a Nationally Strategic Infrastructure Project subject to application to the Secretary of State for a Development Consent Order to proceed
- Decarbonisation of the Council's power supply by 58% against the 2009 baseline
- £4m Grant Funding secured against fuel poverty and installation of renewable energy / sustainable heating
- All existing social housing properties are in the process of being upgraded to achieve a minimum EPC C rating by 2030
- Magna Square: EPC A-rating including solar controlled glazing, low energy internal lighting, wastewater heat recovery system, thermal insulation, high thermal mass soffit boards, low water use fixtures.
- Egham Orbit: DEC C-rating including Combined Heat and Power, Radiant Tube Heating, Natural Ventilation System, Solar Panels and LED lighting
- Addlestone 1: mixed EPC rating A – C, District Heating System, intelligent energy management system
- Chertsey Business Park: 12 Units EPC A-rating, low air permeability design, electric vehicle charging points, transparent warehouse roof panels (increased natural lighting and reducing need for electrically powered light), high performance insulated cladding and roof materials, secure cycle parking to encourage active transport
- Air Quality Management Zones have been established throughout the Borough
- Runnymede Talks: The Borough's magazine is printed on FSG approved paper
- Hythe, Woodham, and New Haw Day Centres fitted with Solar Panels
- Hybrid Mail: reduction in documentation and postal delivery
- E-Invoicing: Online self-service administration
- Modern.gov: Paperless Administration of meeting documents

What have we already committed to do?

As part of the Council's ongoing action on Climate Change, we have already committed to the following:

- We will continue to develop the '15 minute' principle so that all essential services are within easy reach and accessible by public transport.
- The Council will set up a 'Citizens' Panel' made up of representatives from all of our resident and business and communities.

The Council has an important role to play in supporting our communities to make the necessary changes. Many, if not most of the businesses in our Borough have already taken steps to reduce their Carbon emissions and we recognise that Climate Change is a major concern to our residents and communities and many individuals and groups are already acting in their personal life choices. The Panel will work to regularly consult with stakeholders and exchange updates on community and Council actions and initiatives, and we will track the Council's progress to its Net Zero 2030 target and Runnymede's progress towards the national target of Net Zero 2050. The Panel will be the conduit for stakeholders to inform the Council's decisions which we make on your behalf, but it will also be a forum for stakeholders to give us their ideas and share their progress too.

- Active support for community groups to take positive action through event information, education, grants, support for voluntary initiatives and signposting sources of funding. We will actively seek additional ways in which we can encourage and enable the changes which we must all make.
- We support the Surrey County Council Climate Change Strategy, and we are actively working with our sister Districts and Boroughs to adopt a joint approach wherever possible and practical.
- Showing leadership through our staff and elected councillors. Our commitment will be demonstrated by how we push ourselves beyond our comfort zone to operate in new ways without compromising our standards.

Who is Responsible for delivering the Climate Change Strategy?

Responsibility for delivering the Climate Change Strategy sits with the Leader of the Council.

Council Members will receive reports on all Climate Change actions and regular updates on the Council's progress against the Climate Change Strategy objectives.

Operational responsibility for delivery of the Strategy is located in the Chief Executive's Office. This underlines the importance which the Council attaches to it while acknowledging that change can only be achieved at the scale necessary if it is embedded within every aspect of our operations.

We have established a Climate Change Team, led by the Chair of the Environment and Sustainability Committee, to prioritise and action our Climate Change ambitions. Dr Marcel Steward will oversee our Climate Change Strategy and lead on stakeholder engagement. He will co-ordinate the efforts of our lead officers who will all play a vital role in developing new policies and initiatives.

Changing the direction of a complex organisation is not easy and requires a sustained input from all areas of our operations. This demands clarity about our mission, and everyone involved understanding how they will contribute. Each director/lead manager will have responsibility for filtering down the climate agenda into the work within their teams and ensuring there is proactive consideration of the strategy throughout their portfolios.

Actions sit within the three 'Scopes' broadly described by the 2001 Greenhouse Gas Protocol for accountability purposes (*Please see Appendix A for Scope Definitions*). By aligning with this approach, our operations will be clearly defined and can be understood by those around us.

This strategy is not just about Runnymede Borough Council. It is about how we will work together with our residents and external stakeholders to tackle the greatest challenge of our age. In the short term, in order to achieve our vision, we may have to update and modify previous decisions, and the way in which we deliver some services may change. Compromise will be needed, and, in some cases, an economically balanced approach means that we will have to act incrementally to make progress. Our hope is that residents will work with us as a critical friend both challenging and supporting the work with the understanding that success will not be achieved if residents do not all take an element of responsibility as well.

The Organisation Structure Chart for the delivery of the Climate Change Strategy can be found in the Action Plan section of this document.

Our 2030 climate vision

The Council's Vision:

- The Council intends that all its operations will be Carbon Net Zero by 2030
- To work with our communities and businesses to create a sustainable living environment where people can meet the needs of the present without compromising the ability of future generations to meet their own needs (United Nations Brundtland Commission, 1987).
- To support the international Climate Change response to limit global warming to a 1.5-degrees centigrade temperature increase while simultaneously delivering a prosperous, caring, healthier borough where people are valued and cared for and where strong communities pull together
- To support and encourage the private sector and green technology innovation within the Borough and incorporate it into our strategy wherever possible
- To place Climate Change and environmental sustainability at the core of all of our decisions

Mission

To make an effective and lasting positive impact on Runnymede's climate and environment, and to work with our residents, community groups, stakeholders, and partners in order to achieve exacting environmental standards by 2030.

The Council's mission:

- To deliver Carbon Net Zero for Council operations by 2030
- To align Climate Change actions and environmental improvements with economic gain. We will promote and maintain a balanced approach to ensure that our actions are both environmentally and financially sustainable. We will do this by supporting our local economy wherever possible
- To promote the principles of the Circular Economy (take, make, use, repair, reuse,) and decouple from the Linear Economy (take, make, use, throw) to minimise Carbon Emissions and waste, reduce environmental damage and increase biodiversity and health
- To merge our procurement strategy with technology to create effective solutions to deliver strategic aims
- To drive biodiversity net gain and protect our natural assets.

Strategic Objectives & Actions

The Council's Strategic Objectives to mitigate and adapt to Climate Change:

| | |
|--------------|--|
| Objective 1: | Reduce Carbon emissions from Council operations to Net Zero by 2030 |
| Objective 2: | Positively influence our environment by embedding Climate Change avoidance and mitigation, sustainability and promotion of biodiversity and conservation in all Council decisions and actions |
| Objective 3: | Positively engage with residents, businesses, community groups, National and Local Government and Universities to share information and encourage positive behavioural change to adapt to or mitigate Climate Change |

Delivering this strategy

Bringing the strategy to life

The Council services are complex and diverse. The overarching Strategy will be delivered by the Climate Change Team. Individual projects will be identified and delivered in by the Council's service units

The overall strategy, objectives and direction will be delivered by the elected Members with input from relevant officers and members of the Citizens' Panel.

The Climate Change Strategy will be coordinated and monitored by the Climate Change Team

The action plan and projects to achieve the Council's Strategic Objectives will be owned and delivered by the Service areas.

This approach will deliver the overall plan by making most efficient use of the Council's strengths in diverse and specialist knowledge to deliver specific projects.

Funding

To meet the challenges set out in this strategy will require funding from central Government. The Council will seek to make maximum use of any opportunities to bid for funding, working with partners like SCC and the Local Enterprise Partnership (LEP). We will utilise funding within our individual service revenue budgets and capital programme to deliver green outcomes and will use developer funding and the Community Infrastructure Levy (CIL) to deliver green initiatives. We will also continue to lobby Government to make available specific funding for local authorities to tackle the environmental and climate crisis.

Delivery Process & Democratic Accountability

The Runnymede Climate Change Strategy is a living document which will be continuously added to and evolve. The Climate Change Projects which we are already engaged with are listed in the Action Plan. While these continue, we will be implementing the initial stages of the Strategy to bring these and the new projects within the Climate Change Strategy framework.

We will do this by:

1. Agree the Climate Change Strategy, Scope and Objectives and set the Reference Datum (*Please see Appendix B RBC Climate Change Delivery Plan*)

2. Officers will consult with Councillors to agree the Climate Change Scope and Objectives.

The Climate Change Scope and Objectives will be reviewed annually against Key Performance Indicators to measure progress; reflect the interim impact of Climate Change; and update Regulatory changes.

3. The Climate Change Scope and Objectives will be cascaded to the Service Heads for integration within the Service Level and Corporate Business Planning Process
4. All associated Actions / Projects will be reconciled against the Climate Change Strategy and Corporate Business Plan Objectives for prioritisation before initiation
5. Actions in those Service Areas which have the greatest impact or are likely to require the most adaptation to Climate Change have been identified under the Strategy and Action Plan

Where Actions are identified as 'new', i.e., not currently in progress, the outcomes, objectives, growth, and funding requirements will be reported to the Corporate Management Committee for agreement and authorisation

These will become Climate Change projects which will be delivered by the Service Units.

Additional Projects will be proposed by Service Areas where these become evident.

6. Where Climate Change Actions are not budgeted, alternative funding resources will be sought. This may include public/private partnership, Government grants, and funding from other sources. Grants and funding opportunities, where appropriate will be sourced through the Bids and Grant Funding Officer located in the Leadership Team
7. All projects will be subject to consultation with Councillors

8. All approved / agreed projects will be incorporated into the Climate Change Strategy which will grow and evolve throughout its lifetime which in the first instance will extend to 2030

Preparations

The Climate Change Strategy will require changes and amendments to Council policies and operations.

Our resources will primarily focus on reducing the carbon emissions from our operations and our estate in line with our 2030 net zero target. Emissions calculations will be presented in tonnes of carbon dioxide equivalent (TCO₂e) (all greenhouse gas emissions emitted will be converted into CO₂ equivalents based on their global warming potential and represented as carbon dioxide).

For those operations which the Council directly controls or influences, Key Performance Indicators will be created as a measure of success and to track and report progress. These will be reported to the Environment and Sustainability and Corporate Management Committees.

All projects will be referenced to the Runnymede Carbon Baseline which will be set at inception of the Climate Change Strategy.

There is no standardised methodology for setting the Carbon Baseline for any Council. Progress is being made by many organisations and institutions in the field and a common consensus is emerging. The Council has a contributory role to play in this process at both County and National Level.

Until a universal standard is agreed, the Council will future proof its investment in the Climate Change Strategy by developing the 'Runnymede Standard Carbon Baseline (RSCB)' to ensure internal consistency in how we record our progress and success as a means of future proofing our data against alternative Baseline Standards when they emerge.

Getting this right is key to ensuring that we can evidence our work and investment as well as establishing our credentials to drive wider changes in areas outside our direct control.

The Climate Change team will:

- Establish the RSCB for the Council's Scope 1 and Scope 2 emissions as defined by the Greenhouse Gas Protocol (2001).

This is an integral part of the preparation for the Climate Change Strategy inception and will be carried out in parallel with the immediate elements of the Action Plan.

The components and elements which make up the Runnymede Standard will draw on the most up to date information available with the express intention to be supportive to the Surrey County Council Strategy and those adopted by our neighbouring Districts and Boroughs with who we seek to cooperate.

- Create a self-service methodology to enable Service Areas to identify Carbon emission reduction projects for evaluation and incorporation in the Climate Change Strategy in line with Corporate Business Plan Objectives
- Establish Key Performance Indicators (KPI's) at project and corporate levels to monitor and report progress against the RSCB
- Prioritise all actions referenced against maximising Carbon emission reduction and the objectives of the Corporate Plan within a balanced approach to the Councils wider

responsibilities and objectives

- Key Projects which bridge multiple service areas, outreach to other organisations or third parties will be coordinated by the Climate Change Team e.g., Citizens' Panel creation and maintenance, renewable energy initiatives, engagement with National Government, Think Tanks and Universities under the oversight of the Council (*Please see Appendix B RBC Climate Change Delivery Plan*)

Action Plan

The Council has identified fifteen priority Service areas where change will achieve the greatest carbon reduction in our operations.

Actions have been assigned to the following Operational Areas:

| | | |
|--|---|--|
| Chief Executive: Paul Turrell | | |
| Head of Climate Change & Sustainability: Marcel Steward | | |
| Climate Change Officer: Sarah Hides | | |
| Advice & Policy Communication: Peter le Riche | | |
| Partner & Stakeholder Engagement: Marcel Steward | Landowner & Civic Property: Alex Williams | RBC as Landlord / Housing Stock: Andy Vincent |
| Waste & Recycling: <i>To be Notified</i> | Air Quality & Congestion: <i>To be Notified</i> | Community Services & Promoting Better Transport Options: Darren Williams |
| Parks & Green Spaces To be Notified | Car Parks EV Charging: Linda Norman | Customer Digital & Collection Services: Linda Norman |
| Planning Policy Active Travel: Rachel Raynaud | Employee Policy: Fiona Skene | Elected Member/Council Business Policy: Group Leaders |
| Supply Chain Management: To be Notified | Planning Policy: Rachel Raynaud | Working with Business: Rachel Raynaud |

KEY TO ACTION PLAN:

- [Blue Text: Current projects](#)
- TBD: To be determined

Climate Change & Sustainability Co-ordination: Marcel Steward in coordination with **Climate Change Officer:** Sarah Hides

- Initiate and coordinate the Climate Change Strategy and Action Plan
- Communication with residents, communities, and businesses
- Audit all Climate Change Projects and report progress against the Decarbonisation Baseline
- Identify new opportunities to decarbonise the Council Operations and support Community Action
- Identify, evaluate, and action new opportunities to decarbonise the Council's Operations

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|---------------|---|---|-----------------|--|--|--------|
| CC 1.0 | Establish methodology & Set RSCB for RBC Controlled Operations | <ul style="list-style-type: none"> • Measure, demonstrate and report progress towards Carbon Net Zero 2030 | 1 & 2 | On adoption of the Climate Change Strategy | Included in current budget | 2022 |
| CC 2.0 | Reconcile all Actions / Projects against the Corporate Business Plan Objectives | <ul style="list-style-type: none"> • Measure, demonstrate and report progress towards Carbon Net Zero 2030 | | On adoption of the Climate Change Strategy | Included in current budget + Growth funding required / alternative funding sources | 2022 |
| CC 3.0 | Establish KPIs for all Climate Change Projects monitor and reconcile against RSCB | <ul style="list-style-type: none"> • Publish biennial report | 1 & 2 | TBD | Included in current budget | 2022 |
| CC 4.0 | Engage with the wider community such as local schools places of education and community groups to support Climate Change learning | <ul style="list-style-type: none"> • Community Engagement | 3 | On adoption of the Climate Change Strategy | Included in current budget | TBD |

| Action ref | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|---------------|--|--|-----------------|---|----------------------------|---------|
| CC 5.0 | Key Projects bridging multiple service areas, outreach to other organisations or third parties & coordinated by the Climate Change Team Think Tanks and Universities | Evaluate <ul style="list-style-type: none"> Local Power Generation Opportunities incl. Private / Public JV's Community Car schemes Engagement with Government, Think Tanks, etc. | 1, 2 & 3 | TBD | Included in current budget | TBD |
| CC 6.0 | Source substantial funding opportunities from Government, Local Enterprise Partnerships & other sources to support Council & Community Climate Change Projects | <ul style="list-style-type: none"> Funding for Climate Change Actions and Corporate Business Plan Objectives | 1, 2, & 3 | Already in progress e.g., GHLAD funding etc | Included in current budget | TBD |
| CC 7.0 | All Council Projects from all Service Areas are currently assessed for their environmental consequences. The environmental assessment will be supported by the Climate Change Team in line with Climate Change Strategy Objectives | <ul style="list-style-type: none"> Carbon emission reduction Climate Change mitigation Sustainable Development Health & Wellbeing Biodiversity Local & Circular Economy Balanced Approach | 1, 2 & 3 | Current | Included in current budget | Ongoing |
| CC 8.0 | Engage with Government, Trade Sectors, and other bodies to input to Regulatory Change which will be required to meet the National and Local Climate Change target | <ul style="list-style-type: none"> Planning Power Water Infrastructure | 1, 2 & 3 | Current & Ongoing | Included in current budget | Ongoing |

Partner & Stakeholder Engagement: External Projects (EP): Marcel Steward

- Represent RBC interests in all major projects
 - Heathrow Airport Recovery & Expansion
 - Heathrow Surface Access
 - River Thames Scheme

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|--|--|-----------------|-------------------|----------------------------|---------|
| EP 1.0 | Represent the Council in the Heathrow Recovery Plan | <ul style="list-style-type: none"> Influence the Climate Change, Environmental & Sustainability impacts of the airports plans for recovery & growth | 3 | Current & Ongoing | Included in current budget | Ongoing |
| EP 2.0 | Heathrow Surface Access | <ul style="list-style-type: none"> Modal Shift to public transport Air Quality Carbon Emission from vehicles | 3 | Current & Ongoing | Included in current budget | Ongoing |
| EP 3.0 | Coordinate with the Environment Agency and Surrey County Council on the River Thames Project | <ul style="list-style-type: none"> Flood alleviation intervention Carbon Sequestration Biodiversity Conservation | 1 & 3 | Current & Ongoing | Included in current budget | Ongoing |

Landowner & Civic Property (L&CP): Alex Williams

- RBC own and lease a commercial property portfolio located in the Borough and across SE England. The rental income stream from these properties' finances local services within the Borough
- Chertsey Business Park, Magna Square & Addlestone 1 – EPC A Rated
- PV fitted to The Hythe Centre, Woodham & New Haw Day Centre, Egham Orbit & Chertsey Business Park
- In some instances, opportunities to include Climate Change measures are constrained to the point of development and lease break points*

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|---------------------|--|--|-----------------|-------------------|--|---------|
| L&CP 1.0 | New Build Developments EPC A rating | <ul style="list-style-type: none"> Carbon emission reduction | 1* | Current | Included in Business Case | Ongoing |
| L&CP 2.0 | EPC Rating Survey of all Commercial Assets & upgrade to achieve a minimum EPC D rating | <ul style="list-style-type: none"> Carbon emission reduction | 1* | Current / ongoing | Capital Funding reserved Med / Long term | Ongoing |
| L&CP 3.0 | Review & rationalise all energy saving functions including lighting | <ul style="list-style-type: none"> Carbon emission reduction | 1 | TBD | Included in current budget | TBD |
| L&CP 4.0 | Review & rationalise all power contracts | <ul style="list-style-type: none"> Facilitate transitioning to renewable energy | 1 | TBD | Included in current budget | TBD |

| | | | | | | |
|---------------------|---|---|---|-------------------|----------------------------|---------|
| L&CP 5.0 | Transition Power to Renewable Energy Contracts | <ul style="list-style-type: none"> Currently some power contracts have already been transitioned to green energy providers | 1 | Current / Ongoing | Included in current budget | Ongoing |
| L&CP 6.0 | Identify and evaluate all options for decentralised, local power generation | <ul style="list-style-type: none"> Renewable energy | 1 | TBD | TBD / Growth Item | TBD |

Landowner & Civic Property (L&CP): Alex Williams

- RBC own and operate assets within the Borough to deliver its services e.g., the Civic Centre
- These assets are in the Council's direct control and the opportunity to modify, and change is more accessible

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-----------------------|---|---|-----------------|-------------------|--|---------|
| L&CP 1.0 | EPC Rating Survey of all Commercial Assets | <ul style="list-style-type: none"> • Current EPC Rating • Upgrade actions to achieve min. D rating | 1 | Current / ongoing | Capital Funding reserved Med / Long term | Ongoing |
| L&CP 2.0 | Review & rationalise all energy saving functions including lighting | <ul style="list-style-type: none"> • Carbon emission reduction | 1 | TBD | Included in current budget | TBD |
| L&CP 3.0 | Review & rationalise all power contracts | <ul style="list-style-type: none"> • Facilitate transitioning to renewable energy | 1 | TBD | Included in current budget | TBD |
| L & CP 4.0 | Transition Power to Renewable Energy Contracts where this is cost effective | <ul style="list-style-type: none"> • Current Some power contracts have already been transitioned to green energy providers | 1 | Current / Ongoing | Included in current budget | Ongoing |

RBC as Landlord / Housing Stock (L/HS): Andy Vincent

- RBC owns 3,000 Council managed properties
- The Climate Change actions itemised below are included in Housing Asset Management Plan 2021 - 2026

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|----------------|---|--|-----------------|-------------------|---|---------|
| H 1.0 | Upgrade all housing stock to EPC C rating by 2030 | <ul style="list-style-type: none"> • 709 tonnes Carbon emission reduction p.a. by 2030 | 1 | Current / ongoing | Included in current budget + possible. Gov. Funding | Ongoing |
| H 2.0 | All new homes to meet EPC A rating | <ul style="list-style-type: none"> • 125 Extra New Homes Carbon emission to be determined | 1 | Current / ongoing | Included in current budget | 2026 |
| H 3.0 * | Development of a Council Heating Plan to transition away from gas | <ul style="list-style-type: none"> • Carbon emission reduction to be determined | 1 | Current / ongoing | Included in current budget | Ongoing |
| H 4.0 | Reduction of waste to landfill | <ul style="list-style-type: none"> • Carbon emission reduction • Recycling • Sustainability | 1 / 3 | Current / Ongoing | Included in current budget | Ongoing |

Waste & Recycling (WR): Helen Clark

- RBC owns
 - 9 Refuse Collection Vehicles – 23 & 26 tonnes, diesel
 - 4 Food Waste Vehicles – 12 tonnes; diesel
- Vehicles Bought 2020 – replacement *circa 2027*
- The publication of the Resources and Waste Strategy 2023 is expected shortly. This will determine the requirements for refuse collection and disposal which will impact the RBC Climate Change response in this area. When the strategy is available for evaluation, its operational and financial implications will be integrated into the Climate Change Strategy

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|---|--|-----------------|--|----------------------------|---------|
| WR 1.0 | Review & evaluation of transition all waste vehicles to HVO fuel – source and install new fuel tank & source local supplier | <ul style="list-style-type: none"> • Reduction in Carbon emissions by 85% to 90% | 1 | Current review and evaluation in progress – expected delivery end 2022 | Growth item | Ongoing |
| WR 2.0 | Encouraging Recycling of Materials | <ul style="list-style-type: none"> • Currently at 49% - up from 42% (<i>Highest annual improvement UK 2021 / 22</i>) • Reduction in Carbon emissions TBD | 1/3 | Current / ongoing | Included in current budget | Ongoing |
| WR 3.0 | Review current waste collection facilities in the Borough with a view to service efficiencies / reduction | <ul style="list-style-type: none"> • Reduction in Carbon emissions TBD | 1 | TBD | Growth item | TBD |

Air Quality & Congestion: To be Notified

- The Council has the duty to monitor Air Quality in the Borough
- Where poor Air Quality is identified the Council has the power to introduce Air Quality improvement measures within an Air Quality Management Zone
- Most Air Quality issues relate to roads and road transport. The responsibility for roads and road transport rests with Surrey County Council. The Borough Council's powers to take direct action are limited

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|---|---|---|-----------------|-------------------|----------------------------|-------------------|
| AQ&C 1.0 | Monitoring Air Quality | <ul style="list-style-type: none"> • Identify Air Quality Management Areas • Reduce congestion / Carbon emissions | 3 | Current & Ongoing | Included in current budget | Current & Ongoing |
| AQ&C 2.0 | Explore pedestrianisation of town centres through existing redevelopment programs | <ul style="list-style-type: none"> • Reduce congestion / Carbon emissions | 3 | TBD | Growth item | TBD |
| AQ&C 3.0 | Greater integration and linkage with public transport to reduce single occupancy trips within the Borough | <ul style="list-style-type: none"> • Reduce congestion / Carbon emissions | 3 | TBD | Growth item | TBD |
| AQ&C 4.0 (See item PPAT 2.0 also) | Deliver cycling and walking infrastructure in partnership with SCC | <ul style="list-style-type: none"> • Reduce congestion / Carbon emissions | 3 | Current & Ongoing | Included in current budget | Current & Ongoing |

Community Services & Promoting Better Transport Options (CS): Darren Williams RBC owns

- 17 Community Transport Vehicles; diesel – owned
- 4 Food Delivery Vehicles; diesel – leased (tender renewal 2023)

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|--|--|-----------------|---|---|---------|
| CS 1.0 | Review of implications from the transition all vehicles to HVO fuel | <ul style="list-style-type: none"> 85 / 90% reduction in CO₂ Emissions | 1 | Review in progress – expected report of findings - end 2022 | Included in current budget | Ongoing |
| CS 2.0 | Review community transport fleet to assess meeting the needs of residents | <ul style="list-style-type: none"> To be developed | 1 | TBD | Existing budget + Gov. Funding if available | Medium |
| CS 3.0 | Recycle electrical peripherals (Alarms & Connecting Devices) | <ul style="list-style-type: none"> To be developed | 1 | TBD | Existing budget + Gov. Funding if available | Short |
| CS 4.0 | Recycling of foil packaging on meals + day centre | <ul style="list-style-type: none"> To be developed | 1 | TBD | Included in current budget | Medium |
| CS 5.0 | Consideration of sourcing and ingredients of meals and challenging of providers to meet environmental objectives | <ul style="list-style-type: none"> To be developed | 1 | TBD | TBD | TBD |

Parks & Green Spaces: To be Notified

- ? Parks Maintenance Vehicles: diesel – owned
- Includes Parks, Green Spaces & Verges

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|----------------|--|---|-----------------|--------|-----------------------------|--------|
| PGS 1.0 | Register all Parks and Spaces | Potential <ul style="list-style-type: none"> • Carbon Sink through <ul style="list-style-type: none"> - Tree Planting - Carbon Char • Biodiversity gain • Flood Alleviation • Health & Wellbeing | 1 | TBD | Included in current budget | Medium |
| PGS 2.0 | Review current use of weed killers | Potential <ul style="list-style-type: none"> • Carbon Sink through <ul style="list-style-type: none"> - Tree Planting - Carbon Char • Biodiversity gain • Flood Alleviation • Health & Wellbeing | 1 | TBD | Budget / Funding Status TBD | Medium |
| PGS 3.0 | Consideration of spaces for re-wilding, tree planting and community green projects | Potential <ul style="list-style-type: none"> • Biodiversity gain • Health & Wellbeing • Reduced maintenance & use of pesticides / herbicides | 1 | TBD | Budget / Funding Status TBD | Medium |

Car Parks EV Charging (CP): Linda Norman

- The Council owns and operates 13 Car Parks
- Power Supply to the Council Car Parks is controlled by Surrey County Council

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|---------------|---|---|-----------------|----------------------------|----------------------------|---------|
| CP 1.0 | Review all car parks to establish the potential to install EV Charging Point facilities | <ul style="list-style-type: none"> • Encourage the modal shift to EV Vehicles • Carbon emission reduction | 1 & 3 | Current review in progress | Included in current budget | Ongoing |

Customer Digital & Collection Services: Linda Norman

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|---------------|--|--|-----------------|-------------------|----------------------------|---------|
| OA 1.0 | Hybrid Mail | <ul style="list-style-type: none"> • Embedded Carbon emissions reduction • Waste reduction | 1 & 3 | Current & Ongoing | Included in current budget | Ongoing |
| OA 2.0 | E-Invoicing | <ul style="list-style-type: none"> • Embedded Carbon emissions reduction • Waste reduction | 1 & 3 | Current & Ongoing | Included in current budget | Ongoing |
| OA 3.0 | Modern.Gov paperless document administration | <ul style="list-style-type: none"> • Embedded Carbon emissions reduction • Waste reduction | 1 & 3 | Current & Ongoing | Included in current budget | Ongoing |

Planning Policy Active Travel (PPAT): Rachel Raynaud

- Encouragement of Active Travel is embedded within multiple Service Areas

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|--|---|--|-----------------|---|--|---------|
| PPAT 1.0 | Bicycle Hire at selected locations in the Borough | <ul style="list-style-type: none"> • Install Bicycle Hire Schemes at locations in the Borough • Reduce Carbon emissions • Reduce traffic & parking congestion • Improve Air Quality <i>(See Item AQ&C 3.0)</i> | 3 | Current review and evaluation in progress | Growth item funding + poss. other. funding | Ongoing |
| PPAT 2.0 <i>(See item AQ&C 4.0 also)</i> | Facilitate & encourage active transport in the Borough: reduce traffic congestion Improve air quality Health & Wellbeing Reduce vehicle emissions | <ul style="list-style-type: none"> • Local Cycle & Walking Plan (LCWP) • Reduce Carbon emissions • Reduce traffic & parking congestion • Improve Air Quality | 1 | Current – Phase 1 of feasibility study completed. Phase 2 about to start. | Growth item funding + poss. other. funding | Ongoing |

Employee Policy (EP): Fiona Skene

- Changes to reduce employee travel will require alteration of terms and conditions of contract
- All considerations will also have to be sensitive to the availability of Public and Alternative Transport options

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|---|--|-----------------|-------------------------------|----------------------------|---------|
| EP 1.0 | Agile Working | <ul style="list-style-type: none"> • Reduction in journeys to work (Grey Travel) • Carbon emission reduction • Reduction in traffic congestion • Improvements in Air Quality | 2 | Current and under development | Included in current budget | Ongoing |
| EP 2.0 | Review Policies to encourage colleagues to adopt Active Travel to commute to work | <ul style="list-style-type: none"> • Restriction of free car parking • Carbon emission reduction • Reduction in traffic congestion • Improvements in Air Quality | 1 | TBD | Included in current budget | TBD |
| EP 3.0 | Season Ticket Loan Scheme to encourage colleagues to adopt Public Transport or Active Travel to commute to work | <ul style="list-style-type: none"> • Reduction in journeys to work via private transport (Grey Travel) • Carbon emission reduction • Reduction in traffic congestion • Improvements in Air Quality | 2 | TBD | Included in current budget | TBD |
| EP 4.0 | -Salary Sacrifice Scheme to purchase bicycles to encourage colleagues to adopt Public Transport or Active Travel to commute to work | <ul style="list-style-type: none"> • Reduction in journeys to work via private transport (Grey Travel) • Carbon emission reduction • Reduction in traffic congestion • Improvements in Air Quality | 2 | Current & Ongoing | Included in current budget | Ongoing |

Elected Member/Council Business Policy (CBP): Group Leaders

- Members have the capacity lead by example in positively influencing and supporting community behavioural change

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|----------------|---|--|-----------------|--------|--------|--------|
| CBP 1.0 | Members to seek to reduce transport through car shares, public transport, and online meetings | <ul style="list-style-type: none"> • Community Leadership • Behaviour Change • Reduction in traffic congestion • Improvements in Air Quality | 2 | TBD | TBD | TBD |
| CBP 2.0 | Members to actively support the RBC Climate Change Strategy within their communities by seeking opportunities to include messaging to residents, create green projects and challenge other parties to deliver | <ul style="list-style-type: none"> • Community Leadership • Behaviour Change | 3 | TBD | TBD | TBD |
| CBP 3.0 | Events run for or by members to take an environmental approach to food procurement and waste management | <ul style="list-style-type: none"> • Community Leadership • Behaviour Change | 3 | TBD | TBD | TBD |
| CBP 4.0 | Members to actively seek green opportunities * identify Climate Change associated risks at all levels of decision making | <ul style="list-style-type: none"> • Community Leadership • Behaviour Change | 1 & 2 | TBD | TBD | TBD |

Supply Chain Management (SCM): To be Notified

- The Councils Procurement Policies are controlled by Government Regulation
- All Actions must be subject to compliance with Government Regulations

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|---|--|-----------------|--------|----------------------------|--------|
| SCM 1.0 | Review current policy to identify opportunities to encourage & support companies who are taking action to reduce Carbon Emissions | <ul style="list-style-type: none">• Embedded Carbon emission reduction• Traffic Congestion• Improvements in Air Quality | 3 | TBD | Included in current budget | TBD |
| SCM 2.0 | Review current policy to identify the potential to ensure that local companies have the opportunity to tender for Council Contracts | <ul style="list-style-type: none">• Embedded Carbon emission reduction• Traffic Congestion• Improvements in Air Quality• Drive principles of the Local & Circular Economy | 3 | TBD | Included in current budget | TBD |

Planning Policy (PP): Rachel Raynaud

- The Local Plan 2030 is one of the most important Council policy documents through which we can influence development and spatial planning in the Borough
- Alongside the National Planning Policy Framework (NPPF), the Local Plan contains all the Councils policies which Members consider in permitting planning decisions
- Alongside the National Planning Policy Framework (NPPF), the Local Plan contains all the Councils policies which Members consider in permitting planning decisions
- The Local Plan and its constituent policies are currently under review

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|---|---|-----------------|-------------------|----------------------------|-------------------|
| PP 1.0 | Plan Objective 6: Use of renewable and low Carbon energy: <ul style="list-style-type: none"> • Support stand-alone & community led renewable, low carbon & decentralised energy • Major development subject to Energy Statements demonstrating lower energy use, efficient energy supply & renewable energy use | <ul style="list-style-type: none"> • Sustainable design Policy • Secure storage for recyclable material & waste • Passive solar gain & Cooling • EV charge points • Rainwater harvesting • Sustainable Construction & Demolition • Encouraging re-use of waste (Circular Economy) • Carbon emission reduction | 3 | Current & Ongoing | Included in current budget | Current & Ongoing |
| PP 2.0 | Managing Flood Risk Policy: <ul style="list-style-type: none"> • Developments guided to area of least flood risk • Development in flood risk areas subject to Flood Risk Assessment & Management including the effects of Climate Change | <ul style="list-style-type: none"> • Enhanced resilience to Climate Change through mitigation and adaptation | 3 | Current & Ongoing | Included in current budget | Current & Ongoing |

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|-------------|--|---|-----------------|-------------------|----------------------------|-------------------|
| | <ul style="list-style-type: none"> Confirmed support for proposals for strategic flood relief measures including the River Thames Scheme | | | | | |
| PP 3.0 | Design Policy Supplementary Planning Document: New developments must work toward future proofing & encouraging flexible design & use of buildings. | <ul style="list-style-type: none"> Reduction in embedded Carbon emission Mitigation of Climate Change affects | 3 | Current & Ongoing | Included in current budget | Current & Ongoing |
| PP 4.0 | Policy SD7 Development proposals will be supported where sustainable construction & demolition methods provide for the efficient use of materials including recycled or secondary aggregates | <ul style="list-style-type: none"> Reduction in embedded Carbon emission Mitigation of Climate Change affects | 3 | Current & Ongoing | Included in current budget | Current & Ongoing |

Working with Business (WWB): Rachel Raynaud

- Maintaining a balanced approach to Climate Change
- Encouraging a commercially sustainable economy

| Action Ref. | Action | Deliverable | GHG Scope 1 - 3 | Status | Budget | Timing |
|----------------|--|------------------|-----------------|--|---|----------------|
| WWB 1.0 | Enable & support the 'Climate Change Week' event in Runnymede 2022 | To be determined | 1 & 3 | TBD | Growth item on existing budget / alternative funding required | 2022 & Ongoing |
| WWB 2.0 | Review the implementation of regular events to support & encourage local producers & support the local economy | To be determined | 3 | TBD | Growth item on existing budget / alternative funding required | 2022 & Ongoing |
| WWB 3.0 | Engage with LEP's and local businesses to support Climate Change innovation and action | To be determined | 3 | On adoption of the Climate Change Strategy | Included in current budget | TBD |

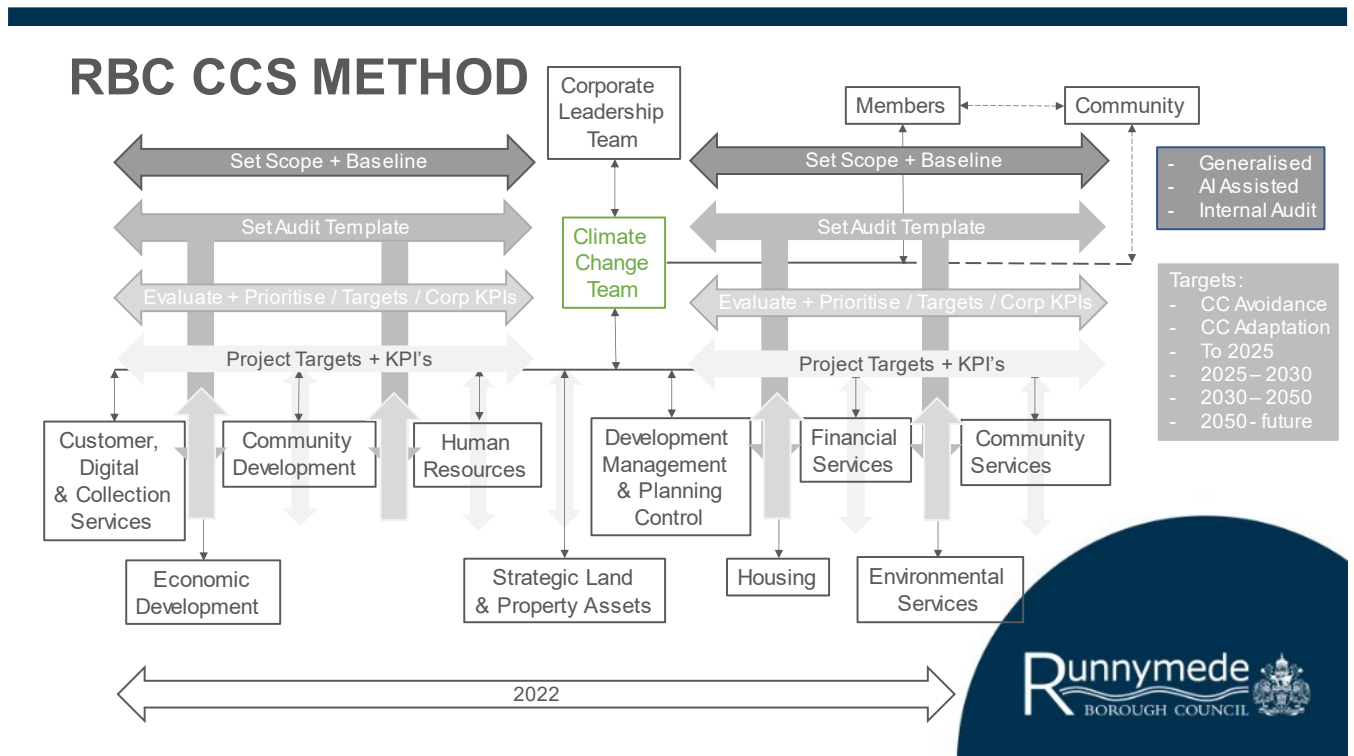
APPENDIX A

2001 Greenhouse Gas Protocol for accountability purposes

| Dept for Energy & Climate Change (DECC) <i>GHG Protocol published 2001 + subsequent revisions</i> |
|--|
| <ul style="list-style-type: none">• Scope 1 (Direct): Activities owned or controlled by your organisation that release emissions straight into the atmosphere. Examples of scope 1 emissions include emissions from combustion in owned or controlled boilers, owned or controlled vehicles. |
| <ul style="list-style-type: none">• Scope 2 (Energy indirect): Emissions being released into the atmosphere associated with the consumption of purchased electricity, heat, steam, and cooling. These are indirect emissions that are a consequence of your organisation's activities, but which occur at sources you do not own or control. The most common type of Scope 2 emission is electricity purchased for own consumption from the National Grid or a third party |
| <ul style="list-style-type: none">• Scope 3 (Other indirect): These are discretionary to include those that are a consequence of your actions, which occur at sources which you do not own or control and which are not classified as scope 2 emissions. Examples of scope 3 emissions include business travel not owned or controlled by your organisation (e.g., use of public transport), commuting, use of 'grey fleet' (i.e., use of employees' own cars for which fuel costs are claimed back via expenses), emissions from contractors, and supply chain procurement |

APPENDIX B

RBC Climate Change Delivery Plan



GLOSSARY

| | |
|--|---|
| <p>Net Zero Carbon: <i>The Institute for Government</i></p> | <p>Net zero refers to achieving a balance between the amount of greenhouse gas emissions produced and the amount removed from the atmosphere. There are two different routes to achieving net zero, which work in tandem: reducing existing emissions and actively removing greenhouse gases.</p> <p>A <i>gross-zero</i> target would mean reducing all emissions to zero. This is not realistic, so instead the <i>net-zero</i> target recognises that there will be some emissions but that these need to be fully offset, predominantly through natural carbon sinks such as oceans and forests. (In the future, it may be possible to use artificial carbon sinks to increase carbon removal, research into these technologies is ongoing.)</p> <p>When the amount of carbon emissions produced are cancelled out by the amount removed, the UK will be a net-zero emitter. The lower the emissions, the easier this becomes.</p> |
| <p>Net Zero Carbon 2030 <i>Runnymede Borough Council</i></p> | <p>To achieve a balance between the amount of carbon emissions produced by the Councils Scope 1 & 2 operations and the amount of carbon emissions removed from the atmosphere by actively reducing emissions or actively removing greenhouse gases</p> |
| <p>Net Zero 2050 <i>The Institute for Government</i></p> | <p>Summary In June 2019, the UK government committed itself to cutting greenhouse gas emissions to “net zero” by 2050, meaning the UK would emit no more than it takes out of the atmosphere. In doing so it became the first major economy to enshrine such a commitment in law.</p> |

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