

Climate Change Strategy

Background and Context

In October 2018 The Intergovernmental Panel on Climate Change published a 'Special Report on Global Warming of 1.5°C'. This described the harm that a 2°C average rise in global temperatures is likely to cause compared to a 1.5°C rise. The report calls for ambitious action from national and sub-national authorities, civil society, local communities and the private sector to limit Global Warming to 1.5°C.

The potential implications of a do nothing approach for communities include increased risk of flooding and extreme heat, disruption to our critical infrastructure, networks and industry, and increased risk to our health and wellbeing.

There has been a significant rise in awareness of the catastrophic consequences of inaction, and increasing pressure on governments at all levels to strengthen their response. The challenge of addressing climate emergency is unprecedented.

The UK Committee on Climate Change recommended that the UK government achieve carbon neutrality by 2050. This was adopted by central government by amending the Climate Change Act of 2008 in June 2019.

The emerging climate related policy of the new government includes:

- Investing in electric vehicle charging stations
- Phasing out the sale of new conventional petrol and diesel cars
- Investing in energy efficiency
- Setting strict new laws on air quality

Man-made climate change is a global challenge that requires a global response.

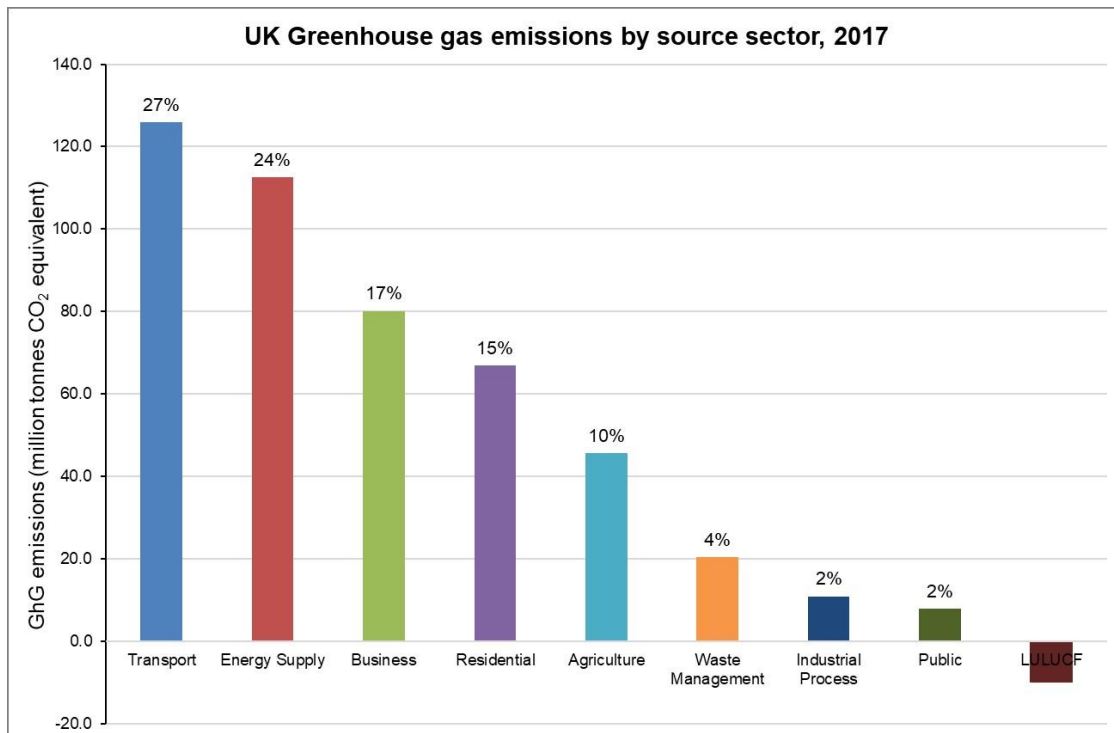


Figure 1: UK Greenhouse gas emissions by source sector

As Figure 1 shows, the emissions the public sector is directly responsible for makes up 2% of the UK's total emissions. MVDC will therefore work with others to lobby government for early adoption of and funding for ambitious carbon emissions reduction measures.

This Strategy focuses on reducing carbon emissions from the Council's estate and operations to zero by 2030. As well as reducing MVDC's own emissions, this Strategy also aims to help stimulate action by individuals, communities and organisations in Mole Valley to contribute towards national and international efforts.

Climate Emergency Declaration

In June 2019, the Council declared a Climate Emergency. The motion was passed unanimously by Full Council, specifying a 2030 carbon neutral target. Council noted that the impacts of climate change are already manifested globally and will impact communities across Mole Valley. As a result the Council resolved to:

1. Declare a Climate Emergency.
2. Pledge to make Mole Valley District Council and its contractors carbon neutral by 2030, or earlier if possible, taking into account both production and consumption emissions.
3. Lobby Surrey County Council and the Government to provide resources that will make possible the 2030 target date set by scientists for total carbon neutrality.
4. Work cross-party within Mole Valley District Council, and with local businesses, land owners, community organisations and residents to make a positively beneficial impact on the environment and biodiversity in the District.
5. Place climate change on agendas to be discussed at appropriate committees - to build strategies and action plans with timescales.
6. Report actions undertaken to address this emergency to Council twice a year and inform Council of planned actions for the next period.
7. Use these actions to help create jobs and a stronger community, along with increased wellbeing and a sustainable future.

Action to reduce carbon emissions will also support MVDC's strategic priorities, including to improve community wellbeing, protecting and enhancing the environment, sustainable development, air quality and prosperity for all. Inaction on climate change will undo progress towards any of these objectives.

Vision and aims

MVDC is committed to protecting and enhancing the environment and improving the quality of life for all our communities. In this Strategy MVDC commits to becoming carbon neutral by 2030 with initial actions focused on making significant reductions in carbon emissions at the Council Offices and Dorking Halls. The Strategy also aims to demonstrate local leadership in helping Mole Valley become a carbon neutral district. To this end the Council will fulfil a leading role in working with other Surrey authorities to shape the county wide approach to the Climate Emergency.

The Strategy sets out specific areas of action to meet the following aims:

Energy efficiency: ensuring that our own estate is as energy efficient as possible and supporting the community to improve the energy efficiency of their homes, in turn reducing their household energy costs.

Renewable energy generation: generating renewable energy for direct use in Council owned buildings.

Sustainable procurement: ensuring that carbon reduction and sustainability is evaluated as part of all goods and services procured by the Council, encouraging our suppliers to minimise their environmental impact.

Transport: minimising staff car travel by encouraging working from home, where appropriate, and use of video conferencing and encouraging sustainable transport options. Working with Surrey County Council to ensure the infrastructure is in place to increase opportunities for cycling and walking throughout the district.

Fleet: replacing our existing diesel and petrol fleet with electric, or other low carbon alternatives, and providing the charging infrastructure at relevant MVDC car parks to make it easier for our staff, residents and visitors to do the same.

Planning and development: the local plan and any future supporting documents will support the transition to a low-carbon future in a changing climate by shaping places in ways that contribute to radical reductions in greenhouse gas emissions, minimising vulnerability and improving resilience. This would include decentralised, renewable and low carbon energy supply systems as well as support for green infrastructure. The overall aims and objectives of this Strategy will, where appropriate, be reflected in land use policy to be set out in the Local Plan and any supplementary planning guidance developed by the Council. In particular the Council will produce supplementary planning guidance to identify suitable areas for renewable and low carbon energy sources, and supporting infrastructure, where this would help secure their provision.

Land use: protecting our green spaces, increasing biodiversity and maintaining opportunities for the public to access and enjoy our green spaces. Working with the countryside management partnerships, Surrey Wildlife Trust, Environment Agency and the Surrey Nature Partnership on initiatives to mitigate the impacts of climate change on habitats and species. Maintaining the number of allotments provided within the District.

Waste: reducing the amount of waste we produce and supporting the community to reduce, reuse and recycle.

Adaptation: identifying how changes in the climate will impact on the Council and its services and taking action to minimise the adverse impacts.

Leadership: leading by example, setting climate friendly policies and engaging with our residents and businesses to drive positive change across the District.

Lobbying government: working with others to lobby government for changes in policy and infrastructure and for funding opportunities to help achieve ambitious carbon reduction measures. Lobbying Surrey County Council to cease fossil fuel extraction and invest its funds in a way which supports environmental sustainability.

In view of these aims, MVDC has developed its Climate Change Strategy with the following strategic priorities:

- Reducing emissions from MVDC's estate and operations

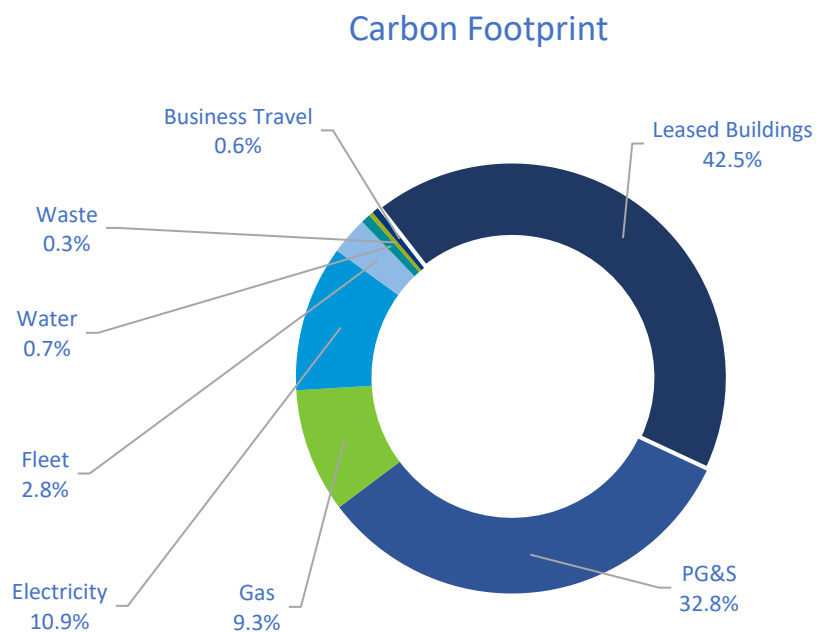
- Reducing energy consumption and emissions by promoting energy efficiency measures, sustainable construction, renewable energy sources and behaviour change
- Reducing consumption of resources, increasing recycling and reducing waste
- Supporting council services, residents and businesses to adapt to the impacts of climate change

The accompanying action plan also sets out how the actions align to strategic priorities set out in the Surrey Climate Change Strategy to help identify potential areas for joint working.

MVDC’s Carbon Footprint

To understand the main sources of the Council’s CO2 emissions, a carbon footprint was compiled for the year 2018/19 using International Greenhouse Gas Protocols Corporate Accounting and Reporting Standard methodology¹. The carbon footprint for 2018/19 is calculated as 4,162 tonnes of CO2 equivalent.

The Council’s carbon footprint is based on the energy use and fuel use from the Council’s estate and operations. It includes the emissions of the Council’s major contractors for waste, leisure and grounds maintenance and staff business mileage. In a ‘do nothing’ scenario, MVDC’s emissions are expected to reduce by 774 tCO2e p.a. as a result of using greener electricity from the national grid. Beyond this, a further 3,389 tCO2e p.a. reduction must be achieved to meet the 2030 carbon neutral target.



The largest emissions source is from buildings leased by the Council to third party operators, which accounts for 42% of emissions. These are Leatherhead Leisure Centre, Dorking Leisure Centre and Meadowbank sports ground.

Emissions from procured goods and services such as waste collections and grounds maintenance are the second largest emissions source, comprising over 32% of emissions. However, it should be noted that, with the exception of waste collections, the emissions for contracted services were calculated using industry specific emissions models. Further work is required to produce more accurate emissions data for contracts with high emissions.

¹ GhG Protocol <https://ghgprotocol.org/corporate-standard>

Emissions from the Council's own buildings account for approximately 20% of the carbon footprint. This is predominantly from gas and electricity, but also includes emissions from council owned vehicles and business mileage undertaken in staff's own vehicles.

Carbon Neutral Plan Evidence Base Modelling Approach

The carbon footprint analysis used the best available data to identify the main sources of emissions that play a key role in the Council's operations and which, as a result, the Council has direct control or a high level of control over.

Scope 1

- Gas consumption within MVDC owned buildings.
- Fuel consumption from Council owned/controlled vehicles

Scope 2

- Emissions from the generation of purchased electricity

Scope 3

- Emissions from business travel from non-Council owned vehicles
- Emissions from third party disposal and treatment of waste in council operations
- Emissions from the supply and treatment of water consumed by the Council's operations
- Emissions from procured goods and services
- Emissions from energy consumed in buildings leased to a third party operator

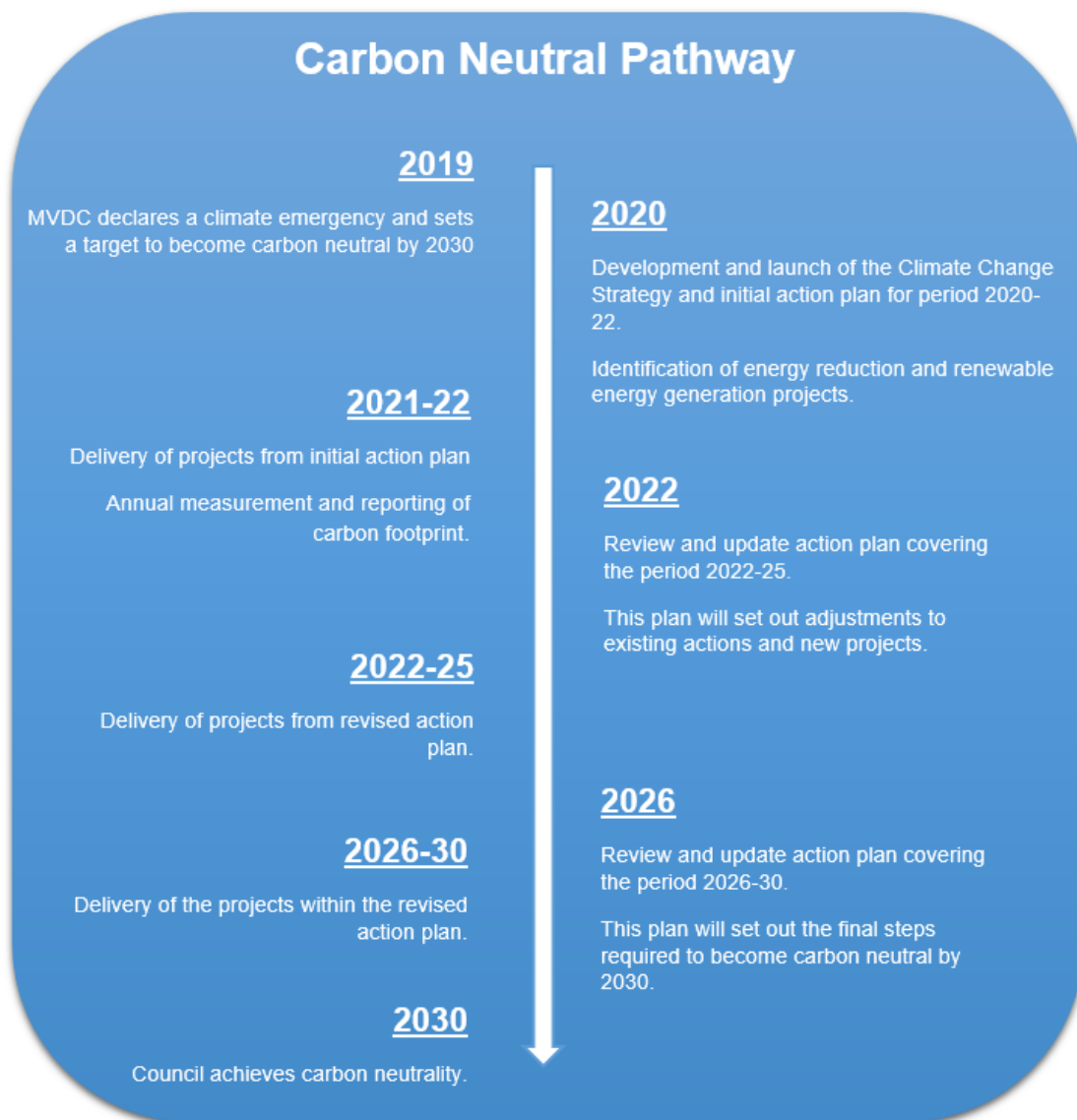
The scope does not include emissions that the council has no control over or are not directly related to the Council's operations, including emissions from employee commuting and investments, although MVDC will still seek to reduce the carbon emissions from these areas.

However, it should be noted that some data for procured goods and services was not readily available and proxy data was used instead. Since the production of the carbon footprint analysis, work is being focused on improving the quality of the data for future reporting.

MVDC will work with existing contractors to implement measures to reduce their carbon footprint over the remaining term of their contracts. When tendering for future contracts, carbon reduction measures will be assessed as part of the tender evaluation process.

Monitoring and Performance Management

MVDC will monitor and publish reports on its progress annually. The action plan sets out the projects and strategies required to achieve carbon neutrality. The approach to identifying the required actions is evidence based. The action plan will need to evolve as projects complete, new data becomes available and new challenges and opportunities arise. The illustration below shows the planned timeline to identifying actions to achieve carbon neutrality by 2030.



The action plan also sets out actions that demonstrate leadership and drive real environmental change within the District. These actions will also contribute towards Surrey Climate Change Strategy aim to become carbon neutral by 2050. Consequently, it is intended that the KPIs and data management required for these actions will be developed jointly with Surrey County Council, and Surrey District and Boroughs to ensure alignment with other Surrey Authorities.

Financing our work on Climate Change

The action plan sets out a number of initiatives to be delivered over the next 18 months to reduce MVDC's carbon footprint and support residents and businesses to do the same. Where expenditure is required outside of existing budgets, member approval to proceed with the project will be sought once the business case has been established.

The Council will maximise the use of existing resources, prioritising projects which are cost beneficial or cost neutral, and where possible seek external funding and grants to deliver initiatives. Opportunities for joint working with partners including other Surrey Authorities will also be sought in order to reduce costs and share resources.

Action Plan 2020/21 – 2021/22

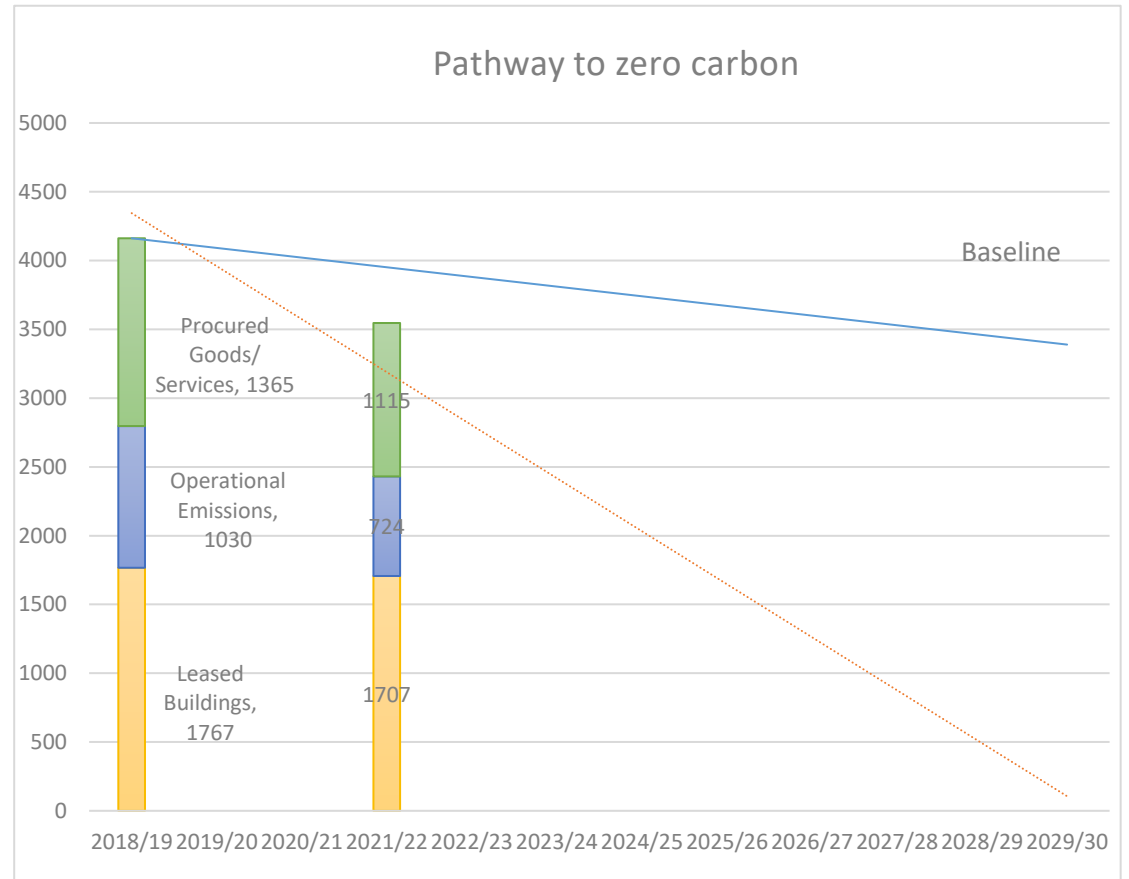
The timeframes within this Action Plan are indicative and will be kept under review. Delivery of actions may be impacted by decisions taken national or locally about ongoing Covid-19 response and recovery.

Carbon budget – 2021/22

3550 Tonnes CO₂e

This action plan sets the target to reduce MVDC's carbon footprint by March 2022, to be achieved through the following measures:

- Implementing energy efficiency measures, solar panels and air source heat pumps at Pippbrook and Dorking Halls
- Installing solar panels and car ports
- Reducing waste and increasing recycling and reuse from Pippbrook and Dorking Halls
- Working with our existing contractors to reduce their carbon footprint and ensuring new contracts focus on sustainability.



Graph: Impact of actions on carbon footprint

Priority 1: Reducing emissions from MVDC's estate and operations

This priority focuses on reducing emissions from the MVDC operations and estate, including our contractors. The actions set out under Priority one aim to achieve significant reductions in reducing the carbon emissions from the Council Offices and Dorking Halls, as well as establishing future measures that can be taken in our remaining buildings. It also puts in place actions to reduce the carbon footprint of contractors through establishing carbon reduction plans with existing contractors and updating procurement guidance to ensure carbon reduction and sustainability is included in new all contract evaluations.

| Area | Initial Action | Measure / target | Cost | Carbon Impact | Own operations (O) or District wide (D) | Timescale |
|-------------------------------|--|---------------------------------|---|---------------|---|--|
| Organisation Emissions | Switch the council's energy supply to a green tariff that guarantees energy from renewable sources | New contract commences | Existing | n/a | O | Contract starts October 2020 |
| | Develop business case to implement energy efficiency and renewable energy measures at Pippbrook and Dorking Halls, which is likely to include LED lights, air source heat pumps and solar PV panels and car ports. | 306 tonnes CO2e saved per annum | Capital Investment of £720K, , payback period circa 9 years | High | O (Scope 1 and 2) | Report considered February 2021 |
| | Develop a business case for the installation of solar panel car ports at Leatherhead Leisure Centre Car park. | 60 tonnes CO2e saved per annum | Capital Investment of £415K, payback period circa 9 years | High | O (Scope 3) | Report considered February 2021 |
| | Undertake a zero carbon pathway assessment for the following buildings, including a feasibility assessment of solar, wind, ground and air source heat generation: | Zero carbon roadmap established | Low | High | O (Scope 1,2 and 3) | Assessment undertaken by October 2021. |

| Area | Initial Action | Measure / target | Cost | Carbon Impact | Own operations (O) or District wide (D) | Timescale |
|------|--|--|----------|---------------|---|--------------|
| | <ul style="list-style-type: none"> Meadowbank Dorking Sports Centre Leatherhead Leisure Centre | | | | | |
| | Develop a business case for all Council vehicles to be powered by electric or renewable fuel sources. | Business case developed. Target: 7 out of 19 vehicles replaced by March 2022 | Existing | Enabling | O (Scope 1) | 2021/22 |
| | Roll out EV charging infrastructure to Council car parks. | Target: 90 Charging points installed | Existing | Low | O /D (Scope 2 & 3) | 2021/22 |
| | Work with existing Contractors and tenants to ensure carbon emissions data from third party operations is provided annually in an agreed format. | Action plans agreed – all contractors. | Existing | Enabling | O (scope 3) | March 2021 |
| | Work with existing Contractors and tenants to put in place measures to reduce carbon footprint. | Target: reduction of 250 tCO ₂ e emissions by March 2022 | Existing | Enabling | O (Scope 3) | March 2022 |
| | Work with our grounds maintenance service provider to eliminate the use of glyphosate in MVDC parks and open | Glyphosate use ceased. | Low | Low | O (Scope 3) | January 2022 |

| Area | Initial Action | Measure / target | Cost | Carbon Impact | Own operations (O) or District wide (D) | Timescale |
|-----------------|---|--|----------|---------------|---|---|
| | spaces, and ensure peat free options continue to be used. | | | | | |
| | Introduce changes to MVDCs Procurement Toolkit to ensure sustainability is considered as part of the process. Contractors to provide their carbon footprint and incorporate measures to become carbon zero by 2030. | Procurement Toolkit updated | Existing | High | O (Scope 3) | April 2021 |
| | All Council committee papers to include consideration of carbon impacts of the policy or decision being made. | Report template changed. Training provided to staff | Existing | Low | O (Scope 3) | April 2021 |
| Land use | Work with partners to facilitate the planting of native trees in appropriate areas, including supporting community tree planting initiatives and leading by example by planting on MVDC's own land. | Suitable MVDC owned sites and number of trees to be planted to be identified. | Existing | Offsetting | O/D | March 2022 |
| | Continue to monitor MVDC land for biodiversity. | Annual survey | Existing | Mitigation | O | March 2022 and ongoing |
| Funding | Investigate feasibility of implementing a Mole Valley community lottery that supports local charities and raises money to support delivery of climate change initiatives. | Report produced Target: £15,000 income generated for climate change initiatives | Low | Enabling | O | Report produced November 2020 Implementation June 2021 |

Priority 2: Reducing energy consumption and emissions by promoting energy efficiency measures, sustainable construction, renewable energy sources and behaviour change

Mole Valley has an active community who are working on a range of initiatives, projects and initiatives to reduce the carbon impact of our lifestyles. As a community leader, it is important that MVDC works with our community and partners on initiatives to improve the carbon footprint in the District and work towards Mole Valley becoming carbon neutral.

The Climate Emergency declared by MVDC included a commitment to:

- Work cross-party within Mole Valley District Council, and with local businesses, land owners, community organisations and residents to make a positively beneficial impact on the environment and biodiversity in the District.
- Use these actions to help create jobs and a stronger community, along with increased wellbeing and a sustainable future.
- Lobby Surrey County Council and the Government to provide resources that will make possible the 2030 target date set by scientists for total carbon neutrality.

The actions set out under Priority 2 are designed to fulfil these commitments. This Priority also recognises that climate change and biodiversity are linked² and actions to improve biodiversity can mitigate the impacts of climate change by increasing capture and storage of carbon.

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|----------------------------------|---|--|----------|---------------|--------------------------------|--------------|
| Data Management | Agree approach to measuring impact of District wide measures with SCC to feed into the Surrey Climate Change Strategy | Countywide KPIs agreed | Existing | Enabling | D | January 2021 |
| Land Use and Food Systems | Work with local food producers to promote local organic food suppliers to the community. | Mole Valley Together website updated Social media campaign delivered. | Low | Low | D | 2021/22 |

² <https://researchbriefings.files.parliament.uk/documents/POST-PN-0617/POST-PN-0617.pdf>

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|----------------------------------|---|--|--|---------------|--------------------------------|-------------------------------------|
| | Support community groups interested in transforming spaces into pocket parks, community gardens or food growing spaces, maintained by local people. | Mole Valley Together website updated. Case Studies promoted on social media | Low | Low | D | 2021/22 |
| | Investigate options for acquiring land to plant trees and further improve biodiversity. | Options investigated | To be assessed | Low | | 2021/22 |
| | Require a 20% net biodiversity gain as part of development proposals to improve opportunities for carbon sequestration | Report through Local Plan monitoring | Low | Low | D | 2021/22 |
| Transport and Air Quality | Work with local businesses to introduce a “Car Free day” initiative across the District. | Target: 20 businesses and schools signed up. | Low | Medium | D | 2021/22 |
| | Develop Staff Sustainable Travel Strategy aimed to reduce the number of car journeys made by staff, to include: <ul style="list-style-type: none"> • Baselineing of current behaviour • Review of future home/office working patterns • Assessment of options for sustainable commuting, including car share, cycling and walking • Costs and benefits of providing electric pool cars for business use | Strategy and target developed. | Low £1600 - Baselineing and staff sustainable transport options assessment. | Low | D | Strategy developed by November 2021 |

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|----------------|--|--|----------|---------------|--------------------------------|------------------------|
| | Work with SCC and local cycling groups and partners such as the Surrey Hills Board to develop a range of safe, continuous and connected routes for commuters, recreational cyclists and school children, building on Active Travel measures. | Strategic cycle routes developed. | Nil | Enabling | D | 2021/22 |
| | Review MVDC land assets to assess whether opportunities exist to develop new cycle paths on MVDC land, to link to existing cycle routes. | Review completed, measures proposed | Existing | Enabling | D | 2021/22 |
| | Consider options for implementing parking charges based on vehicles emissions. | Options considered. | Existing | Enabling | D | 2021/22 |
| | Review options to incentivise the use of 100% EV or PHEV Taxi's. | Report produced | Low | Low | D | March 2022 |
| Housing | Work with Clarion to monitor progress on deliver of their 'Clarion 2040' strategy, so that all Clarion homes within MVDC comply with enhanced energy efficiency standards by 2040. Discuss similar with other housing associations. | Annual target to be agreed with Clarion and other housing associations. | Existing | Low | D | March 2022 and beyond |
| | Promote new government 'Green Homes Grant' scheme aimed at reducing the energy costs of homes. | Social media campaigns delivered. Measure uptake of grants within MVDC, and associated carbon reduction impact delivered, | Low | High | D | October 2020, ongoing. |

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|-----------------------------------|--|---|----------|---------------|--------------------------------|------------|
| | | where data available. | | | | |
| | Develop a schedule of approved building materials that would be considered acceptable in the District and provide enhanced energy efficiency | Report through Local Plan monitoring | Low | Low | D | 2021/22 |
| | Explore governance around CIL and examine criteria around community projects that boost greener living and low carbon approaches. | Report through Local Plan monitoring | Low | Low | D | 2021/22 |
| | Run an annual campaign to encourage businesses and the community to purchase local products and services. | Campaign delivered, level of engagement measured. | High | Low | D | 2021/22 |
| Industry and Green Economy | Explore feasibility and provide guidance on the implementation of decentralised heating and green energy schemes | Report through Local Plan monitoring | Low | Low | D | 2021/22 |
| | Lobby Surrey County Council to ensure its policies align with the commitments made within the Surrey Climate Change Strategy. | - | n.a | n.a | D | Ongoing |
| Government Policy | Work with Surrey County Council, district and boroughs to lobby Government to deliver changes to policy, infrastructure and funding to reduce the UK's carbon footprint. | - | n.a | n.a | D | Ongoing |
| | Develop the MVDC Climate Change web pages to provide a reference site for best practise and signpost users where to access more information. | Webpages updated | Existing | enabling | D | March 2021 |

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|-----------------------|---|--------------------|----------|---------------|--------------------------------|------------|
| Communications | Work with Surrey Environment Partnership to deliver a county wide campaign focussing on carbon reduction. | Campaign delivered | Existing | Low | D | March 2021 |

Priority 3: Reducing consumption of resources, increasing recycling and reducing waste

The actions set out under this priority focus on reducing waste from MVDC's own operations, targeting paper and single use plastics, and increasing recycling levels both within our own operations and District wide.

Reducing waste and increasing recycling will indirectly play a role in tackling climate change through conservation of raw materials, fossil fuel avoidance and improved resource efficiency³.

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|----------------------------|---|--|----------|---------------|--------------------------------|--|
| Waste and Resources | Work with Surrey Environment Partnership to decrease the amount of waste collected through delivery of effective behaviour change communications. | Measure : CO2e/tonne of waste collected Baseline to be calculated for 20/21 following introduction of new rounds | Existing | Medium | D | Campaign delivered throughout 2021/22 Baseline by June 21 |
| | Continue the implementation of the Council's Single Use Plastic Strategy focussing on services used by the public e.g. Dorking Halls and leisure centres. | Reusable plastic cups piloted in Dorking Halls | Existing | Low | O | Pilot introduced by - December 2020 |

³ <https://www.ipcc.ch/site/assets/uploads/2018/02/ar4-wg3-chapter10-1.pdf>

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|------|---|---|----------|---------------|--------------------------------|--|
| | | Action plan agreed with Leisure Centres | | | | Action Plan agreed - March 2021 |
| | Provide support to interested community organisations to deliver the plastic free communities and reuse initiatives through promoting local initiatives and achievements. | Mole Valley Together Website updated. Level of engagement measured. | Low | Low | D | 2021/22 |
| | Reduce the volume of paper purchased across the Council through improving digital channels. | Baseline and target established by March 2021 | Low | Low | O | March 2022 |
| | Review existing waste arrangements for Dorking halls, and introduce initiatives to promote recycling and reuse. | Baseline and target established by March 2021 | Low | Low | O | March 2022 |
| | Encourage more local businesses to sign up to the refill initiative and expand the range of refill options where possible. | 100 businesses signed up | Existing | Low | D | March 2022 |
| | Work with Joint Waste Solutions to ensure that all properties within MVDC have the opportunity to recycle their waste and food. | Target: All properties to receive recycling and food collections by March 2022. | Medium | Low | D | Social housing recycling facilities improved by March 2021 |

| Area | Action | Measure / target | Cost | Carbon Impact | Own Operations / District wide | Timescale |
|------|---|------------------|----------|---------------|--------------------------------|---|
| | | | | | | Flats recycling facilities improved by March 2022 |
| | Work with Surrey Environment Partnership and Surrey County Council to maximise the opportunities to recycle and compost waste for our own operations and household waste collections. | Ongoing review | Existing | Enabling | O & D | Ongoing |

Priority 4: Supporting council services, residents and businesses to adapt to the impacts of climate change

While carbon reduction is an important area of work, the UK is already seeing changes to weather conditions attributed to climate change. The predicted increase in extreme weather events that is anticipated as a result of climate change may mean that the Council has to adapt services to be able to continue support to residents and businesses.

| Area | Action | Measure / target | Cost | Carbon Impact | Timescale |
|-------------------|--|---------------------------------|----------|---------------|------------|
| Adaptation | Develop Climate Change Resilience Strategy | Strategy developed and approved | Existing | Mitigation | March 2022 |

| | |
|--|---|
| KEY: Costs | Carbon Impact |
| Existing = already budgeted Low= £0 - £20,000 Medium = £20,000 – 50,000 High £50k and above | Enabling = will enable the carbon impact to be assessed Low = action anticipated to reduce carbon footprint of the building / service by under 5% Medium = action anticipated to reduce carbon footprint of the building /service by 5- 15% High = action anticipated to reduce carbon footprint of the building /service by 15-25% Mitigation = action anticipated to help adapt to future impacts of climate change Offsetting = action anticipated to help offset carbon emissions. |

Summary of Key Performance Indicators (2021/22)

| Priority | Action | KPI | Target |
|---|--|--|---|
| Priority 1: Reducing emissions from MVDC's estate and operations | Develop business case to implement energy efficiency and renewable energy measures at Pippbrook and Dorking Halls, including LED lights, air source heat pumps and solar PV and car ports. | Tonnes of CO2e saved per annum | 306 tonnes CO2e |
| | Install solar panel car ports at Leatherhead Leisure Centre Car park. | Tonnes of CO2e saved per annum | 60 tonnes CO2e |
| | Roll out EV charging infrastructure to Council car parks | Number of charging points installed | 90 charging points |
| | Develop a business case for all Council vehicles to be powered by electric or renewable fuel sources. | Number of vehicles replaced with electric or renewable fuel source alternative. | 7 out of 19 vehicles replaced by March 2022 |
| | Work with existing Contractors to put in place measures to reduce carbon footprint. | Tonnes of CO2e saved per annum | 250 tonnes CO2 |
| Priority 2: Reducing energy consumption and emissions by promoting energy efficiency measures, sustainable construction, renewable energy sources and behaviour change | Work with local businesses to introduce a "Car Free day" initiative across the District. | Number of businesses and schools signed up | 20 schools and businesses |
| | Develop Staff Sustainable Travel Strategy aimed to reduce the number car journeys made by staff | Number of staff commuting to work by sustainable transport means (walking, cycling, train, bus, car share) | Baseline and target established by March 2021 |
| Priority 3: Reducing consumption of resources, increasing recycling and reducing waste | Work with Surrey Environment Partnership to decrease the amount of waste collected through delivery of effective behaviour change communications. | CO2e/tonne of waste collected | Base and target established by June 2022 |

| Priority | Action | KPI | Target |
|--|---|--|---|
| | Review existing waste arrangements for Dorking halls, and introduce initiatives to promote recycling and reuse. | Decrease in tonnes of refuse collected p.a. | Baseline and target established by March 2021 |
| | Reduce the volume of paper purchased across the Council through improving digital channels. | Reduction in the amount of paper used at MVDC | Baseline and target established by March 2021 |
| | Encourage more local businesses to sign up to the refill initiative. | Number of businesses signed up to the refill scheme | 100 by March 2022 |
| | Work with Joint Waste Solutions to ensure that all properties within MVDC have the opportunity to recycle their waste and food. | Number of properties receiving recycling and food collection service | All properties provide recycling and food waste collections by March 2022 |
| Priority 4: Supporting council services, residents and businesses to adapt to the impacts of climate change | Develop Climate Change Resilience Strategy | Strategy developed | Strategy approved by March 2022 |