

## Mid Sussex District Council Sustainability Strategy 2018 - 2023

### Introduction

This Strategy sets out Mid Sussex District Council's approach to sustainability and delivering sustainable development. Sustainability is about creating opportunities for all residents in Mid Sussex to prosper without compromising the ability of future generations to meet their own needs.

### Commitment

Mid Sussex District Council will lead by example, and work in partnership with the wider community to promote social, economic and environmental responsibility by individuals, groups and businesses. We acknowledge that our day-to-day activities and services have some environmental impacts. We are committed to following good environmental practice and will manage our processes, services, material, resources and people efficiently in order to reduce any negative environmental impacts associated with our work.

### Sustainability Action Plan

Encouraging sustainability makes sound business sense and there are legally binding duties around areas such as climate change, carbon reduction and the management of waste that the Council needs to address. It is important to ensure that the Council has a Sustainability Action Plan in place to help co-ordinate and structure sustainability actions and ensure that they are implemented in a meaningful and pragmatic way.

Our Action Plan is included at Appendix 1 and is split into three themes:

- Sustainable Council
- Sustainable Environment
- Sustainable Communities

A summary of activity under each of these themes is provided below:

### **Sustainable Council**

This focuses on areas where the Council can improve its own performance to reduce environmental impacts through procurement as well as the management of its own buildings and public spaces. Activities include but are not restricted to energy efficiency and carbon reduction; procurement of materials, managing the use of our vehicles and improving waste minimisation; conserving and reducing water use in the Council's buildings.

### **Sustainable Environment**

This concentrates on areas where environmental impacts can be addressed, mainly through Planning Policy and the District Plan. In terms of land use and the built environment it is about ensuring that development in Mid Sussex is more sustainable. This theme also covers work to support sustainable economic growth. Areas of activity include sustainable transport; waste minimisation and recycling; water conservation and flooding, air quality; energy efficiency and carbon reduction. The Council's role in environmental monitoring ensures that we continue to help safeguard the environment.

### **Sustainable Communities**

This focuses on the environmental impacts in the District, which the Council can be reasonably expected to help address by raising awareness of key sustainability-related issues and working with others in the community. Examples of activities under this theme include supporting work in the community to address fuel poverty and encouraging waste minimisation, recycling and sustainable transport.

## **Policy and Context**

The Sustainability Action Plan aims to:

- Embed sustainability in all corporate actions.
- Support communities in implementing sustainable actions and becoming more resilient to a changing climate.
- Support businesses in achieving savings through energy efficiency and other sustainability initiatives.

The Plan therefore aligns closely with Mid Sussex District Councils **Statement of Main Purpose and Corporate Priorities** adopted in 2017;

**Statement of Main Purpose:** To be an effective Council delivering value for money services and helping to create a strong economy, environment and community.

**Corporate Priorities:**

- Effective and responsive services.
- Sustainable economic growth.
- Strong and resilient communities.
- Financial independence.

**Environmental Legislation and Responsibilities**

There are a number of key legislative requirements that are relevant to our plans for sustainability. More detailed information about these requirements are provided at Appendix 2. In summary, the key legislative requirements come under the headings of:

- Climate change
- Waste reduction and recycling
- Air quality
- Sustainable transport
- Energy and carbon reduction
- Local landscapes and biodiversity

**Delivery and Performance Management Arrangements**

Officer level

The Council has a Sustainability Officer who supports the implementation of corporate and community sustainability. An Officer Sustainability Group helps to support and identify corporate sustainability initiatives and will report on actions arising from the Sustainability Action Plan.

Member level

The portfolio holder with responsibility for sustainability is the Deputy Leader and Cabinet Member for Resources and Economic Growth. The Scrutiny Committee for Leader, Resources and Economic Growth will consider an Annual Progress Report on the Sustainability Strategy.

The Sustainability and Climate Change Advisory Panel will be reconvened advising on progress to the sustainability programme of work as well as receiving updates on national and regional sustainability initiatives.

## SUSTAINABILITY ACTION PLAN

## Appendix 1

### SUSTAINABLE COUNCIL

This focuses on areas where the Council can improve its own performance to progress sustainability through the procurement and management of its own buildings and public spaces. The main themes of activity are:

- Improving energy, water efficiency and reducing greenhouse gas emissions
- Waste minimisation and recycling
- Promoting sustainable procurement
- Reducing the use of environmentally harmful products and practices
- Promoting sustainable staff travel alternatives
- Considering climate adaptation
- Promoting good sustainable practice in offices

Subject	Actions	Lead Organisation/ Responsibility	Outcomes	Resourcing
<b>Improve Energy, Water Efficiency and Reduce Greenhouse Gas Emissions</b>				
<b>Electricity</b>	To review and renew the Council's LASER contract by September 2020.	<b>MSDC</b> Corporate Estates and Facilities	Efficient and affordable and where possible renewable energy procurement of utilities	Existing Budget
	Develop Energy Management Policy by September 2018	<b>MSDC</b> Sustainability Officer/Corporate Estates and Facilities	to enable a practical and planned response to corporate energy issues by	Existing Budget
	Upgrade lighting to LED and other low-energy types as part of ongoing planned replacement	<b>MSDC</b> Corporate Estates & Facilities	Reduce the use of light by 3% per annum	Existing Budget

	programme including the use of sensors and timer controls			
	Audit and eliminate as far as possible secondary electrical appliances by December 2018	<b>MSDC</b> Facilities Manager/Sustainability Officer group	Replacement of unsafe and inefficient appliances	Existing Budget
	Leisure Centres – Further LED upgrades and energy efficiency improvements by April 2019	<b>Places for People Leisure/ MSDC</b> Leisure Partnership Officer	Reduce utility costs and improve energy efficiency	Subject to Business Case
<b>Space and Water Heating Improvements</b>	Survey and Install energy-efficient boilers and heating controls as part of planned Oaklands Modernisation Project by April 2020	<b>MSDC</b> Corporate Estates & Facilities	Overall- reduce use of heating by 3% per annum.	Existing Funding and subject to business case
	Investigate the feasibility of installing insulation at Oaklands by April 2020	<b>MSDC</b> Corporate Estates & Facilities	Contribution to reduction of heating by 3% per annum	Subject to Business Case
	Maintain Automatic Meter Readers and online energy management system as part of effective energy monitoring and targeting by April 2018.	<b>MSDC</b> Sustainability Officer/ Corporate Estates & Facilities	Effective monitoring of energy use and identifying areas where efficiency savings can be made	Existing Budget
	Carry out a cost/benefit evaluation for installing a Building Management System at Oaklands by April 2020.	<b>MSDC</b> Corporate Estates & Facilities	Contribution to reduction of heating and electricity by 3% per annum	Existing Funding and subject to business case
	Housekeeping – Implement and complete ‘Energy Walk Round’ surveys of Oaklands by July 2018	<b>MSDC</b> Sustainability Officer/ Corporate Estates & Facilities	Contribution to reduction of heating and electricity by 3% per annum	Existing Budget

<b>Water Efficiency Improvements</b>	Investigate installation of water-efficient urinals, toilets and taps as part of planned replacements.	<b>MSDC</b> Corporate Estates & Facilities	Reduce cost and use of water supplies	Existing Budget and subject to business case
	Carry out water audits at all main sites by July 2019	<b>MSDC</b> Sustainability Officer/ Corporate Estates & Facilities	Reduce cost and use of water supplies	Existing Budget
	Ensure corporate risk and business continuity planning take account of drought scenarios by April 2018	<b>MSDC</b> Emergency Planning and Outdoor Services Manager	Contingency plans in place for drought	Existing Budget
	Respond to Water Deregulation Regulations by July 2019	<b>MSDC</b> Sustainability Officer/ <b>MSDC</b> Corporate Estates & Facilities	Ensure best-value procurement	Existing Budget
	Participation in South Downs National Park Water Efficiency Planning Forum by April 2018	<b>South Downs National Park/MSDC</b> Sustainability Officer	Ensure preparedness for resilience to water stress	Existing Budget
<b>Monitor Greenhouse Gas Emissions</b>	Propose a corporate greenhouse gas emissions (GHG) reduction target by April 2018. To include emissions from fleet vehicles and corporate utilities	<b>MSDC</b> Sustainability Officer	Benchmark and aim to reduce Annual GHG emissions by 3% per annum	Existing Budget
<b>Waste Minimisation and Recycling</b>				
<b>Corporate waste and recycling promotion</b>	Improve information and tips about office recycling best utilise facilities for recycling paper, cardboard, tetrapaks, plastic bottles and containers, cans, glass and aluminium foil.	<b>MSDC</b> Divisional Leader – Commercial Contracts & Services	Improved recycling from Council offices.	Existing Budget
<b>Reduce Use of Plastic</b>	Promote the corporate reduction of single-use plastics by 2019 through the reduction of plastic cups and stirrers etc. Survey	<b>MSDC</b> Sustainability Officer	Efficient use of resources and reduction in waste stream	Existing Budget and Business Plan

	corporate plastic use and produce reduction plan by May 2018			
	Investigate the potential for water fountains at strategic locations in Mid Sussex by March 2019	<b>MSDC</b> Sustainability Officer	Efficient use of resources and reduction in waste stream	Existing Budget and potential application for external funding
<b>Encourage Sustainable Procurement</b>				
<b>Review Sustainable Procurement.</b>	Ensure sustainability is addressed as part of new procurement guidelines being developed by July 2018.	<b>MSDC</b> Sustainability Officer/Head of Digital and Customer Service	Consideration of greenhouse gas emissions, use of plastic, packaging	Existing Budget
<b>Contracts</b>	Scope existing contracts and consider appropriate sustainability indicators and impact of Social Value Act for future contracts by March 2019	<b>MSDC</b> Joint Procurement Adviser/Sustainability Officer	Economic, environmental and social factors are given due consideration.	Existing Budget
<b>Reduce the Use of Environmentally Harmful Products and Practices</b>				
<b>Control of Substances Hazardous to Health</b>	Undertake annual assessment of COSHH Register to replace harmful materials where possible.	<b>MSDC</b> Health and Safety Officer	Less use of environmentally harmful products.	Existing Budget
<b>Promote Sustainable Travel Alternatives</b>				
<b>Cycling</b>	Promotion of staff cycle scheme by April 2018.	<b>MSDC</b> HR /Sustainability Officer	Less car travel and healthier lifestyles	Existing Budget
<b>Encourage Reduction in Need to Travel and Use of Sustainable Transport</b>	Progress provision of secure, onsite cycle storage facilities by May 2019	<b>MSDC</b> Sustainability Officer/Corporate Estates & Facilities	Less car travel and healthier lifestyles	Existing Budget
	Easit - Corporate membership travel scheme with discounted train fares and other staff offers. Monitor effectiveness of Easit by September 2018.	<b>Easit/MSDC</b> Sustainability Officer	Less car travel, healthier lifestyles and cheaper train travel.	Existing Budget
	Sustainable Travel Days - Promote	<b>MSDC</b> Sustainability	Less car travel and	Existing Budget

	Sustainability travel options including Easit and cycling by April 2018.	Officer	healthier lifestyles	
	Carry out staff travel survey by May 2018 to support development of sustainable travel initiatives.	<b>MSDC</b> Sustainability Officer	Less car travel and healthier lifestyles	Existing Budget
<b>Consider Climate Adaptation</b>				
<b>Ensure Climate Adaptation is Factored into all Service Plans</b>	In 2009 an adaptation questionnaire was completed by all BULS. Update questionnaire by November 2018.	<b>MSDC</b> Sustainability Officer	Increased resilience to climate change impacts	Existing Budget
<b>Flood Risk</b>	Review the condition of drainage assets in context of Local Flood Risk Management Strategy by April 2019	<b>MSDC</b> Team Leader & Drainage Engineer	Prevent flood risk as far as possible	Existing Budget
<b>Consider the Climate Change Impacts in Business continuity</b>	Risk assessment to be undertaken during the annual review of the Council's Emergency and Business Continuity Plans and Severe Weather Plan by April 2019	<b>MSDC</b> Emergency Planning and Outdoor Services Manager	Increased resilience to climate change	Existing Budget
<b>Promoting Good Sustainable Practice Amongst Staff</b>				
<b>Work through the Officer Sustainability Group to progress sustainability projects and issues arising</b>	Progress Group projects as follows: Sustainable procurement Sustainable Garden Project Contributing to Energy Working Group Information about office recycling. Support for sustainable travel day.	<b>MSDC</b> Sustainability Officer	Promoting good sustainability practice across the Council	Existing Budget

## SUSTAINABLE ENVIRONMENT

This concentrates on areas where environmental impacts can be addressed through other Council Strategies including the planning policies of the District Plan and any additional Supplementary Planning Documents, in terms of land use and the built environment and ensuring that development in Mid Sussex is more sustainable. This theme also covers work to support sustainable economic growth. The main themes of activity seek to:

- Conserve and enhance local landscapes and biodiversity
- Use planning policy to deliver sustainable development
- Reduce transport impacts and promote sustainable travel alternatives
- Improve air quality
- Increase water efficiency and sustainable urban drainage systems (SUDS)

Subject	Actions	Responsibility	Outcomes	Resourcing
<b>Conserve and Enhance Local Landscapes and Biodiversity</b>				
<b>Green Spaces</b>	Maintain Green flag Award for Beech Hurst and gain Green Flag awards for St John's Park by Jan 2018, Burgess Hill by March 2019 and a site in, East Grinstead by March 2020.	<b>MSDC</b> DL – Commercial Services	Enhanced management and maintenance of key parks and open spaces.	Existing Budget
	Continue to deliver the SANG and SAMM Strategies for the Ashdown Forest SPA as mitigation for new residential development within the zone of influence.	<b>MSDC</b> DL – Planning Policy	Ensuring Ashdown is protected from the effects of potential increased recreational disturbance.	Developer contributions
	Improvements and upgrades to footpaths through Bedelands Nature Reserve by June 2018	<b>MSDC</b> BUL - Corporate Estates and Facilities	Better access to green and open spaces	Secured External Funding
	Plans for Wildflower areas within West Common Open Space Lindfield by 2019. Beech Hurst Gardens by 2020. Haywards	<b>MSDC</b> DL – Commercial Services	Encourage biodiversity and reduce use of pesticides	Existing Funding

	Heath Recreation Grounds around Cricket Pitch by 2020			
<b>Orchards</b>	Establish an orchard in Beech Hurst Gardens by April 2019	<b>MSDC DL – Commercial Services</b>	Encourage biodiversity	Existing Funding
<b>Parks</b>	Adopt Parks & Open Space Strategy by April 2019	<b>MSDC Community Leisure Officer</b>	Progresses the social value of accessible outdoor facilities and supports the ongoing provision of high quality and diverse natural environments	Existing Funding
	Trial 'on-the-go' recycling facilities in a number of parks by April 2019	<b>MSDC DL – Commercial Services</b>	Reduction in waste from park waste bins, increase in recycling and improvement of the public realm	Existing Funding
<b>Community Buildings</b>	Community Assets Strategy - Coordinate a structured approach to the sustainable development of community buildings by April 2019	<b>MSDC Community Leisure Officer</b>	That community buildings are more energy efficient and incorporate sustainable design	Existing Funding
<b>Sustainability in Planning Policy</b>				
<b>District Plan - Policies</b>	Adopt and implement planning policies which secures sustainable development.	<b>MSDC DL – Planning and Economy</b>	District Plan policies adopted and sustainability principles built into new housing and infrastructure development.	Existing budget
<b>District plan – Sustainable Transport</b>	Adopt and implement Planning Policy which will increase the use of alternative means of transport, e.g. for walking, cycling and public transport; and ensure that development does not cause a severe	<b>MSDC DL – Planning Policy and Economy</b>	District Plan policies adopted and sustainability principle built into new housing and infrastructure	Existing budget and Secured External Funding to implement schemes

	cumulative impact in terms of road safety and increased traffic congestion. Where relevant and necessary the Council will secure financial contributions through S106 in order to implement and deliver sustainable transport improvements.		development.	
<b>District Plan – Cycling</b>	Adopt and implement Planning Policy which will ensure Rights of way, sustrans national cycle routes and recreational routes will be protected and supporting additional routes between settlements. Access to the countryside will be encouraged by multi-functional use e.g. for walkers, cyclists and horse riders.	<b>West Sussex County Council/MSDC DL – Planning Policy and Economy</b>	District Plan policies adopted and sustainability principle built into new housing and infrastructure development.	Secured External Funding
<b>District plan – Air Quality</b>	Adopt and implement Planning Policy which will only allow development if it does not cause unacceptable levels of air pollution and is consistent with Air Quality Management Plans.	<b>MSDC DL– Planning Policy and Economy</b>	District Plan policies adopted and sustainability principle built into new housing and infrastructure development.	Existing Budget
<b>District Plan – Biodiversity</b>	Adopt and implement Planning Policy which will ensure that development protects and enhances biodiversity. This includes creation and maintenance of easily accessible green infrastructure, green corridors and spaces around/within towns and villages.	<b>MSDC DL – Planning Policy and Economy</b>	District Plan policies adopted and sustainability principle built into new housing and infrastructure development.	Secured External Funding
<b>District Plan – Sustainable Design</b>	Adopt a Sustainable Design and Construction Policy which sets out measures which development proposals must incorporate in order to minimise energy use, use renewable sources of energy, minimise waste, maximise recycling and limit water use.	<b>MSDC DL – Planning Policy and Economy</b>	District Plan policies adopted and sustainability principle built into new housing and infrastructure development.	Existing Budget

<b>Reduce Transport Impacts and Promote Sustainable Travel Alternatives</b>				
<b>Electric Vehicles</b>	Initiate a West Sussex Electric Vehicle Partnership by April 2018	<b>West Sussex County Council/MSDC</b> Sustainability Officer	Ensure actions are joined up across the County and joint funding bids are highlighted	Existing Budget
	Develop a Mid Sussex Electric Vehicle Strategy by May 2018	<b>MSDC</b> Sustainability Officer	Ensure a coordinated and strategic approach	Existing Budget
	Explore the potential for other charging points in public car parks. Install new electric vehicle charging points at key community locations, to expand and improve our sustainable transport network in the District by April 2019.	<b>MSDC BUL -</b> Community Services, Policy and Performance	Increased number of charging points across the District and improved local air quality.	Subject to successful application for external funding
<b>Cycling</b>	Explore the feasibility of new cycle routes and infrastructure across the District by October 2018	<b>West Sussex County Council/ MSDC</b> Sustainability Officer	Safer use of cycle paths and less use of cars in the District	Existing Budget and Secured External Funding
	Progress and deliver a Burgess Hill to Haywards Heath Cycle Route by June 2021	<b>West Sussex County Council/MSDC</b> Sustainability Officer	Less use of cars in the District and increased physical activity levels	Mix of secured external funding and possible application for external funding
<b>Air Quality</b>				
<b>Monitoring and Improving Air Quality</b>	On-going air quality monitoring and annual publication of Status Report in consideration of potential air quality management areas	<b>MSDC BUL -</b> Environmental Health & Building Control	Compliance with air quality standards monitored across the District.	Existing Budget
	Implement Air Quality Action Plan for Stonepound Crossroads by April 2019	<b>MSDC BUL–</b> Environmental Health & Building Control	Reduced nitrogen dioxide levels to below the 40ug/m <sup>3</sup> limit.	Existing Budget and potential external funding
<b>Water Efficiency</b>				

<b>Rainwater Garden Demonstrator</b>	Rainwater Garden Project being initiated in St Johns Park by March 2020	<b>MSDC</b> Flood and Drainage Surveyor	Reducing local flooding and maximizing water reuse	Subject to existing budget and application for external funding
--------------------------------------	-------------------------------------------------------------------------	-----------------------------------------	----------------------------------------------------	-----------------------------------------------------------------

## SUSTAINABLE COMMUNITIES

This focuses on the environmental impacts in the District, which the Council can reasonably be expected to help address by raising awareness of key sustainability related issues and working with people in the community. The main themes for activity are:

- Manage waste sustainably and ensure high levels of recycling
- Promote sustainability
- Addressing affordable warmth and providing advice and support to help people reduce energy consumption

Subject and current activity	Actions	Responsibility	Outcomes	Resourcing
<b>Waste Minimization and Recycling- working with West Sussex Waste Partnership to Joint Waste Strategy Targets of increasing recycling to 50% and reducing residual waste by 40kg per household by 2020.</b>				
<b>Promotion of waste reduction and improved recycling</b>	Ongoing campaign to improve the quality and quantity of recycling collected, with a specific focus on communal bins.	<b>MSDCDL</b> Commercial Services	Increased % of household waste sent for reuse, recycling and composting Reduced amount of waste per household sent to landfill sites.	Existing Budget
<b>Green Waste collection</b>	Increase the number of subscribers to the green waste service to 20,000 by March 2019.	<b>MSDC DL -</b> Commercial Services	Increased composting rate.	Existing Budget
<b>British Heart Foundation pilot project</b>	Undertake pilot with BHF for kerbside collection of textiles and small electrical items to 20,000 properties Nov 2017 – June 2018. Evaluate pilot and consider wider rollout- July 2018	<b>MSDC DL -</b> Commercial Services	Increased % of household waste sent for reuse, recycling and composting Reduced amount of waste per household sent to landfill sites.	Secured Existing Funding and Existing Budget
<b>Food waste</b>	Work in partnership with WSCC to assess the financial and environmental benefits of kerbside food waste	<b>MSDC DL -</b> Commercial Services	Contribution to target to work towards reducing zero food	Subject to business case and application for

	collections and- if a business case can be made- consider a local trial		waste entering landfill by 2030	external funding
<b>Sustainable Business</b>				
<b>Sustainability in Business</b>	Consider project at Burgess Hill Business Parks promoting good sustainable transport practice as part of the Stone Pound Air Quality Action Plan by June 2020	<b>MSDC</b> Sustainability Officer	Improve air quality in Stonepound	Existing Budget and possible application for external funding
<b>Energy Efficiency Grants for SMEs</b>	Council supported bid to the European Regional Development Fund to deliver energy efficiency grants of up to £5000 for SME and will promote to 100 businesses by April 2019.	<b>Sustainable Business Partnership/ MSDC</b> Sustainability Officer	Help businesses to reduce their running costs	Secured External Funding
<b>Sustainable Transport</b>	Raise awareness of sustainable transport opportunities for local businesses hosting an event with the Sustainable Business Partnership by September 2020	<b>Sustainable Business Partnership/ MSDC</b> Sustainability Officer	Reduce congestion, costs and local air quality issues.	Secured External Funding
<b>Community Engagement</b>				
<b>Raise Community Awareness of Sustainability</b>	Support community sustainability and energy groups such as Hassocks Keymer Ditchling Transition, RePower Balcombe, Bolney Go Green and other formal and informal groups.	<b>MSDC</b> Sustainability Officer	Engagement and support on joint sustainability initiatives.	Existing funding
<b>Raise Awareness of Cycling</b>	Hold two Mid Sussex Cycling Group meetings a year	<b>MSDC</b> Sustainability Officer	Coordination and engagement on local cycling initiatives	Existing funding
<b>Promote Energy Efficiency and Affordable Warmth</b>				
<b>Heat for Health Network</b>	Support the formation of a Heat for Health Network that promotes affordable warmth initiatives through partnership initiatives primarily with the Health Sector. Provides single point of	<b>MSDC</b> Sustainability Officer/Wellbeing Manager	Reduced numbers of households in Fuel Poverty in the District	Existing funding and application for external funding

	contact (Wellbeing number), information, training by April 2018 and annual energy roadshow.			
<b>Energy Efficiency Support</b>	Supporting ' <b>Your Energy Sussex</b> ' initiatives including the <b>Sussex Tariff</b> and other energy efficiency initiatives for domestic properties by April 2018	<b>Your Energy Sussex/</b> MSDC Sustainability Officer	Ensure residents are receiving the best advice on energy switching	Existing Funding and Secured External Funding
<b>Fuel Poverty Operational Group</b>	Partner on joint funding opportunities with West Sussex Local authorities including the Warm Homes Bid by September 2018. Quarterly meetings with partners and West Sussex Fuel Poverty Coordinator.	<b>Arun District Council/</b> MSDC Sustainability Officer	Increase in resources to address affordable warmth issues in the District.	Existing Funding and application for external funding

## Appendix 2 – Summary of the Council’s Sustainability Statutory Responsibilities

This section of the Strategy sets out the Council’s statutory sustainability responsibilities as set out in legislation.

**Greenhouse gas emissions** (GHG) are the gases responsible for global warming. GHG emissions are measured by the Department for Business, Energy & Industrial Strategy (BEIS) and come from housing, transport and industrial sectors.

Some climate change is inevitable. The **Paris Climate Change Agreement (2015)** agreed to limit temperatures rises to 2°C above pre-industrialisation levels with an aspiration of 1.5°C.

**The Climate Change Act (2008)** sets legally-binding targets to cut greenhouse gas emissions. The UK Government has committed to reducing UK greenhouse gas emissions 80% by 2050 based on 1990 levels in order to limit temperature rises and prevent dangerous climate change. In 2015 emissions fell by 3% and they are now 38% below 1990 levels. The majority of these reductions can be attributed to the decline of coal in the power industries so achieving further emissions reductions are likely to be challenging. (Meeting Carbon Budgets – 2016 Progress Report to Parliament)

Carbon dioxide emissions in Mid Sussex have fallen from 7.1 tonnes CO<sub>2</sub> per capita in 2005 to 4.8 tonnes CO<sub>2</sub> per capita in 2015 (Local Authority CO<sub>2</sub> Emissions Statistics, last available data set) but are likely to rise overall in the next few years due to an increase in housing levels.

The **Housing and Planning Act (2016)** places a responsibility on local authorities to prepare annually a ‘buildings efficiency and sustainability assessment’ for all buildings that are part of the authorities estate.

The **Home Energy Conservation Act (1995)** requires local authorities to prepare reports that set out the energy conservation measures that the authority considers practicable, cost-effective and likely to result in significant improvement in the energy efficiency of residential accommodation in its area. A Bi-annual report collating all energy efficiency actions is delivered to the Department of Business Energy and Industrial Strategy.

The **National Cycling and Walking Investment Strategy (2017)** – Promotes a range of funding and infrastructure initiatives to support walking and cycling projects

The **National Adaptation Programme** sets out the Government’s long term strategies to address the risks and opportunities laid out in the Risk Assessment and will also be produced every five years.

The **Clean Growth Strategy (2017)** sets out a range of policies and proposals across the industrial, transport and domestic sectors to reduce carbon emissions.

**'Our 25 Year Plan to Improve the Environment' (2018)** sets out a national long-term framework. The Plan comprise of 10 goals that outline initiatives to tackle pollution, resource use and protection of the natural environment.

## Appendix 3 – Sustainability Strategy Action Plan Metrics

### Sustainable Council

Key Performance Indicator	Baseline	Target	Measurement
Water consumption in Council buildings	TBC	Reduce by 3% per annum	Metered bills
Energy consumption (electricity and gas) in Council buildings*	TBC	Reduce by 3% per annum	Stark Online Energy Portal
% of energy used in Council buildings from renewable sources*	TBC	5% by 2023	Stark Online Energy Portal
Greenhouse gas emissions from Council buildings	TBC	Reduce by 3% per annum	Stark Online Energy Portal meter
% of Council employees using sustainable transport** options to get to work at least once a week	Baseline to be established April 2018 through survey	15% by 2023	Annual staff survey

\* "Council buildings" include: Oaklands campus, pavilions, Public toilets, Bridge Road Depot, Car parks

\*\* Includes walking, train, bicycle, Electric / Hybrid vehicle

### Sustainable Environment

Key Performance Indicator	Baseline	Target	Measurement
Number of Green Flag awards for Council parks	1	3	Green spaces data
% of community buildings incorporating energy or water efficiency measures	Baselines to be established April 2018	80% by April 2023	Energy survey
Number of MDSC owned electric vehicle charging points in the District	6 chargepoints (3 sites)	21 charge points (11 sites) by April 2020 (20 fast and 1 Rapid)	Sustainability service data
Nitrogen Dioxide levels at Stonepound Crossroads, Hassocks	43 ug/m3	Reduce to below 40ug/m3 limit	Air Quality Data

Sustainable Communities

Key Performance Indicator	Baseline	Target	Measurement
% of household waste sent for re-use, recycling and composting (West Sussex Joint Waste Target)	40.24%	50% by 2020	Waste & Recycling Data
Amount of residual waste per household which is disposed of in landfill sites	438.74kg	Reduce by 40kg per household by 2020	Waste & Recycling Data
Number of Subscribers to the green waste service	17,637	Increase to 20,000 by 2019	Waste & Recycling Data
% of households in Mid Sussex with an EPC that are F& G rated	59%	Reduce by 10% by 2023	HECA Data
Number of people who have switched to a cheaper energy provider	0	200 by April 2020	Heat for Health Events, Big Energy Saving Network, Sussex Tariff Data