

# City Sustainability Action Plan

## Introduction

This Action Plan presents a broad set of actions and initiatives that support sustainability and that are being delivered by the council, city partners and individuals across the city. Individually these actions represent the breadth of ambition and activity in the city and collectively they inform a plan that supports the broader sustainability goals of the council and city, and forms the sustainability framework for the wider Biosphere region.

Using the One Planet framework, this Action Plan provides a comprehensive approach for supporting the city's priorities. The One Planet approach aims to create a future where it's easy, attractive and affordable for all of us to lead happy and healthy lives, using a fair share of the earth's resources. In the Plan, this is translated into actions that deliver across ten One Planet Principles of sustainability.

### **Zero carbon**

Making buildings more energy efficient and delivering all energy with renewable technologies

### **Zero waste**

Reducing waste arisings, reusing where possible, and ultimately sending zero waste to landfill

### **Sustainable transport**

Encouraging low carbon modes of transport to reduce emissions, reducing the need to travel

### **Sustainable materials**

Using sustainable products that have a low embodied energy

### **Local and sustainable food**

Choosing low impact, local, seasonal and organic diets and reducing food waste

### **Sustainable water**

Using water more efficiently in buildings and in the products we buy; tackling local flooding and water course pollution

### **Land use and wildlife**

Protecting and expanding old habitats and creating new space for wildlife

### **Culture and community**

Supporting stronger communities, sustainable events and greater participation in the arts

### **Equity and local economy**

Inclusive, empowering workplaces with equitable pay; support for local communities and fair trade

### **Health and happiness**

Encouraging active, sociable, meaningful lives to promote good health and well being

This structure provides a simple way to plan, deliver, communicate and mainstream sustainability in the city. Shared ownership of the different sections of the Plan with various contributing authors from across the city, provides a basis for greater collaboration between the council and city partners. As well as stretching council ambitions and supporting ways of delivering services better, it also recognises and supports projects that are community led, that provide a valuable contribution to supporting city targets and that may not be delivered as effectively through council efforts alone. In so doing, it recognises the role and contributions of the wider community and supports entrepreneurs, local initiatives and enterprise, community groups and action on the ground. It nurtures better and more innovative ways of working, supporting partnerships and setting ambitious goals for creating a healthy and vibrant city, a growing economy and stronger, more sustainable communities.

The Action Plan is coordinated by the council's International & Sustainability Team. Working closely with individual authors and with support from the council's Performance Team, progress will be

monitored every six months and performance will be measured annually. Regular updates will be reported to the Biosphere Board for its consideration. This robust monitoring process will help to ensure we are meeting our targets and delivering on our commitments.

Finally, we would like to acknowledge the support of all those who have contributed to the production of this Action Plan. The content is a demonstration of the ongoing hard work and commitment of our many colleagues and partners across the city, without whom the many successes and achievements towards supporting the city's sustainability goals, would not have been possible.

## **Contents**

Introduction .....	1
Foreword .....	4
Acknowledgements .....	5
Zero Carbon .....	6
Zero Waste City .....	11
Zero Waste Council .....	13
Sustainable Transport .....	15
Sustainable Materials City .....	18
Sustainable Materials Council .....	20
Local and Sustainable Food .....	22
Sustainable Water City .....	26
Sustainable Water Council .....	29
Land Use and Wildlife .....	30
Culture and Community .....	33
Equity and Local Economy .....	36
Health and Happiness City .....	38
Health and Happiness Council .....	41

## **Foreword**

Since the launch of the Brighton & Hove Sustainability Action Plan in 2013 there have been some exciting accomplishments for the city. The Brighton & Lewes Downs Biosphere Region has been recognised by UNESCO as a world class environment; Brighton & Hove has been the only city to receive Silver Sustainable Food Cities award in recognition of the work that has been delivered towards a healthy and sustainable food system across all sectors of the city; and we are also on the UK map as a Living Wage City with 229 companies having joined the campaign since its launch in 2012. The city is a hub for innovative entrepreneurship in sustainability and the Action Plan aims to recognise and support this creativity.

Brighton & Hove faces significant pressures over the coming years. The council, together with partners in the city, has identified key priority areas to focus work and to enable us to meet these challenges. They include: a strong, sustainable economy; healthy and resilient communities; and a sustainable infrastructure that protects and promotes nature, communities and the city's economy. In this revised City Sustainability Action Plan we have set ambitious targets to effectively support these priority areas for the city and will be regularly monitoring work progress to ensure we are on track to achieve these goals.

This Action Plan will form part of the wider Biosphere delivery plan and it will be supported by the Biosphere Board, a partnership that will oversee aspiring sustainability progress for the city and for the greater Biosphere region.

Given the challenges we face and the opportunities on the horizon, this Plan sets out a wide range of new measures that stretch our ambition in all areas of activity. It is a platform for securing new investment and grant funding, improving service provision and for engaging and supporting communities by setting out a vision for the city's sustainable future.

Gill Mitchell  
Chair  
Environment, Transport and Sustainability Committee  
Brighton & Hove City Council

## **Acknowledgements**

Special thanks to all those who contributed to this Plan:

Brighton & Hove Food Partnership

Brighton & Hove City Council

- Asset & Sustainability Team
- Building Services Team
- Communities Equality & Third Sector Team
- Corporate Procurement Team
- Economic Development Team
- Education Capital Strategy Team
- Energy & Water Team
- Environmental Protection Team
- Housing Sustainability Team
- International & Sustainability Team
- Music & Arts Team
- Planning Policy Team
- Public Health Commissioning Team
- Public Health Intelligence Team
- Occupational Health Team
- Royal Pavilion & Museums
- Strategy, Parks Projects and Park Rangers Teams, Cityclean and Cityparks
- Street Lighting Team
- Transport Policy & Strategy

Cat Fletcher, Reuse Consultant

Damian Tow, Eco Technology Show

Environment Agency

# **Zero Carbon**

The Zero Carbon action plan focuses on radical carbon reductions and improved energy efficiency in existing buildings, zero carbon new build and renewable energy generation.

This work is being delivered by the council's Property & Design, Housing, Street Lighting and Planning Policy teams.

## **High level objectives – where we want to get to**

### Vision

- Energy efficiency and Low and Zero Carbon technology is promoted in new buildings and all existing buildings, where practically and economically feasible.
- The energy hierarchy (demand reduction, energy efficiency, renewable energy) is applied to all areas of energy consumption.
- Continue to set annual 4% reduction target via council carbon budgets.
- Buildings over which the council has direct influence will be energy efficient.
- The council target is that Local Authority buildings are net zero carbon by 2025.

### New Build

- New council buildings and refurbishments will be designed to minimise energy demand by using a sustainable design checklist.

### Renewables

- On-site renewable energy technologies will be encouraged in new build and on existing buildings. Encourage the proportion of renewable energy generation across the city and associated with development. This will be in line with guidelines for hierarchy of energy provision options in the Air Quality Action Plan.
- Council electricity supply will be sourced from genuine renewable sources.

### Energy Efficiency

- Replacement programme to install energy efficient lanterns across the city, to deliver carbon reduction of 5% in 2015-16 against 2014-15 usage.
- For the wider city, an overview of progress against carbon reduction targets needs to be developed and from this a City CO<sub>2</sub> Reduction Plan created to achieve net zero carbon.
- Under the aegis of the City CO<sub>2</sub> Reduction Plan develop a portfolio of projects covering the following areas:
  - Low and zero carbon energy generation.
  - New buildings.
  - Existing buildings.
  - District Heating.
  - Community energy.
- The Housing Revenue Account's rolling capital works programmes includes projects such as over-cladding flat blocks from low and medium to high-rise. This can include window replacement and new insulated flat roofs. Around 700 homes have been improved in this way in recent years with hundreds more to follow.
- Support schools in making their buildings more energy efficient.
- Funding mechanisms such as the Green Deal or similar, and Energy Company Obligations (ECO) will be promoted to help finance measures for existing buildings.
- Enable residents to avoid fuel poverty through sourcing affordable energy.

- We aim to reduce CO<sub>2</sub> emissions by supporting projects across the city that help individuals, organisations, local community groups and companies adopt a trajectory towards zero carbon.
- Brighton & Hove City Council, as a trusted 'third party', runs communications and community engagement programmes to groups, individuals and businesses across the city, to promote carbon reduction initiatives.
- Reducing wasted energy in council premises will be the responsibility of all staff.

### Funding

- We will explore funding streams as they become available at national and European levels.

### Where we are now

- Fuel poverty is higher than the South East average and rising.
- Emissions are higher in homes (57%) than industry and commercial buildings in the city (43%).
- City housing is older than the national picture with 66% built before 1945 compared to 43% in England as a whole. Many have solid walls so are harder to treat. Percentage of homes is high: 62% compared to 71% for England. Private rented sector is higher at 28% compared to 15.3% in England and Wales.
- Following the Comprehensive Spending Review in 2010, funding for private sector housing renewal ended. A grants and assistance programme was maintained for two years through carry-over of funding and borrowing. However, due to the lack of funding, all energy efficiency grants have been suspended since 2013. Energy Efficiency grant programmes are hoped to replace these.
- The annual Eco Open House event aims to inspire the uptake of energy efficiency measures by opening up houses that demonstrate best practice in the area.
- A Low Carbon Essentials programme using European funding has delivered a series of workshops to small and medium sized businesses in the city.
- Sussex Police, the University of Brighton and the Sussex Community NHS Trust and social housing providers run carbon management programmes.
- Successful community energy companies operate in the city. Brighton Energy Co-operative runs three community solar systems in the Brighton and Hove area, generating a total of 550 kWp. Brighton and Hove Energy Services Co (BHESCO) brings together people in Brighton and Hove to bulk buy energy and save money on their fuel bills, while profits are used to install energy efficient measures and renewable energy micro-generation in customer's properties. Communities Matter works on fuel poverty and carbon reduction projects and engagement.
- Brighton & Hove City Council's Carbon footprint in 2013/14 was 33,838 tonnes CO<sub>2</sub> compared with our 2012/13 footprint of 35,170 tonnes CO<sub>2</sub> representing an overall annual reduction of 3.9% against our corporate target of an annual 4% reduction. Although when applying degree day analysis to gas and oil data, this results in a 5% reduction in CO<sub>2</sub> between 2011/12 and 2012/13 and an increase of 2.3% between 2012/13 and 2013/14, an overall reduction of 2.8% across these financial years.
- The Housing Revenue Account's capital works programme has delivered 300 Solar PV installations to houses and Sheltered Housing schemes, with around 50 more to be complete in summer 2015. Solar thermal is incorporated into communal boiler replacements where feasible. Community energy is also being investigated.
- Brighton & Hove Environmental Education Programme (BHee) continues to provide support to schools in behaviour change and awareness raising programmes.
- Good practice energy efficient design standards and low and zero technologies applied to new build and refurbishments.
- Flexible working programme underway to reduce energy consumption in main council offices.

- Top quartile SAP (energy) rating across council housing stock and successful annual energy efficiency programmes, including solar PV on 30 homes. Successful community energy saving partnerships schemes.
- Coordinating cross sector forums to facilitate progress on projects to reduce carbon, for specific energy stakeholders in the city and the wider region: Environmental Managers' Forum (Green Growth Platform and Sustainable Business Partnership); Sussex + District Heating Forum (GGP); EU funded through Green Growth Platform.
- Investment in street lighting to enable energy efficiency

### What we're going to do

What?	How?	How will we fund this?	When?
<b>Green Deal (or similar) and Energy Company Obligations (ECO) will be promoted to help finance measures for existing buildings</b>	As a member of the Your Energy Sussex partnership, council will work with delivery partner to promote a Green Deal (or similar) offer and ECO funded measures in the city.	From existing budgets. Led by Housing.	Ongoing
<b>Enable residents to avoid fuel poverty through sourcing affordable energy</b>	Promote city and Sussex wide energy buying club to enable householders to collectively switch to get better prices for electricity and gas and potentially secure energy efficiency and renewable investment.	Externally funded and delivered by Community Energy South, BHESCO.	2015-16
	SHINE project: support for council tenants and leaseholders through energy saving advice and installation of small energy efficiency measures.	EU Interreg 2-Seas funding	2015-18
	Support to city households vulnerable to fuel poverty and the negative health impacts of cold homes, including home energy advice visits, emergency grants, financial health checks, training to front-line workers, information and advice, coordinating a 'single point of contact' in the city. Delivered by a city-wide partnership, coordinated by Brighton & Hove Citizens' Advice Bureau.	Funding bid to British Gas Energy Trust; decision September 2015.	October – December 2016
<b>Community engagement programmes to groups, individuals and businesses across the city, to promote carbon reduction initiatives</b>	Raising awareness and promoting uptake of Green Deal (or similar) and ECO via private landlord groups and letting agents in liaison with strategic housing partnership, plus area-based community campaigns and peer to peer work.	From existing budgets. Led by Sustainable Housing Team.	Ongoing
	Expand and improve Eco Open Houses events to support householders to reduce carbon emissions across the	DECC funding obtained for	Annual delivery

What?	How?	How will we fund this?	When?
	city. Annual event to be delivered and a visitor support programme.	2015 event. EU Interreg funding sought for 2016-20.  Led by Eco Open Houses team; Low Carbon Trust; Brighton Permaculture Trust; Planning Policy Team	
<b>Sustainable behaviour change</b>	Develop and deliver a staff led internal behaviour change campaign for council staff.	Funded from existing budgets	March 2017
	Deliver the Environmental Education Programme in Brighton & Hove schools.	Budget allocated	October 2014 - October 2017
	Local energy consumption and supply awareness, using Minecraft with schools in Biosphere area.	Biosphere Programme Manager; seeking grant funding	Ongoing from September 2016
<b>Identify wasted energy through the use of Automated Meter Reading and invoice data</b>	Complete the AMR programme and ongoing management.  Monitor and analyse AMR data to identify trends/spikes and patterns of unusual consumption and act on findings in all areas – initially focussing on alterations to Building Management System settings.  Roll out web-reporting software to budget holders and building managers and develop and deliver a communications plan encouraging the use of this software as well as delivering workshops.	From existing budgets	Ongoing
<b>Completion of the Sustainability Checklist for all large building projects</b>	To be applied to all projects (via the Architecture & Design Team) over the value of £500,000 and used as an aide-memoire to design decisions.	From existing budgets	Ongoing

What?	How?	How will we fund this?	When?
<b>Deliver Carbon reductions via the Modernisation of the Council programme</b>	As part of Phase 3 Workstyles programme redesign Hove Town Hall to be energy efficient.  More efficient use of office space leading to the closure of redundant buildings.	From existing budgets	Late 2016
<b>Deliver carbon reduction via Planned Maintenance Programmes</b>	School, Adult Social Care and Civic planned maintenance to include the following projects: <ul style="list-style-type: none"> <li>oil to gas conversion</li> <li>boiler replacements</li> <li>improved insulation</li> <li>LED lighting</li> </ul>	Planned Maintenance Budget – prioritised each year.  Sustainable Schools project dependent on securing Interreg 2- Seas funding October 2015.	Ongoing - annually
<b>Develop council building energy efficiency and renewable plans</b>	Complete an insulation programme for selected Corporate Landlord buildings.	From existing budgets	December 2016
	Complete scoping work for remaining Corporate Landlord Buildings with certain future - with a focus on lighting initially.	No allocated budget for projects.	March 2016
	Work with schools to encourage uptake of the Schools Energy Efficiency Loans Scheme.	Schools reluctant to take a loan.	Ongoing
	Scope, design and deliver PV systems for Hove Town Hall, Saltdean and St Andrew's School Extensions projects.	Corporate – borrowing. Schools – PV fund available in 15/16	2015-16
<b>Deliver carbon reduction of 5% in 2015-16 against 2014-15 usage with street lighting LED replacement programme</b>	Continue to install energy efficient lanterns as part of our replacement programme	£300,000 LTP funding for the year 2015-16	2015-16
	To undertake an Invest to Save business case to inform the future of the service. This will include information on future carbon reduction in the city	To be funded from existing budgets.	To be completed by December 2015 for Committee approval early 2016
<b>Continue to upgrade the thermal efficiency of council housing dwellings through insulation</b>	Continue to deliver Housing Revenue Account's rolling capital works programmes, including projects such as over-cladding flat blocks from low and medium to high-rise, window replacement and new insulated flat	Housing Revenue Account capital works programme.	Rolling three year programme

What?	How?	How will we fund this?	When?
schemes	roofs.	Led by Asset & Sustainability Team	
<b>Continue to install renewable energy within council housing stock</b>	Deliver 50 more Solar PV installations to houses and Sheltered Housing schemes and incorporate solar thermal into communal boiler replacements where feasible.	Housing Revenue Account capital works programme. Led by Asset Sustainability Team.	Completed summer 2015
<b>Investigate potential for development of district heat networks for the city to supply affordable heat to residents and low carbon heat to businesses and other sectors</b>	Develop feasibility studies for potential projects: <ul style="list-style-type: none"> <li>• Eastern Road (October 2015)</li> <li>• Hove Station (October 2015)</li> <li>• Shoreham Harbour (November 2015)</li> <li>• Toads Hole Valley (December 2016)</li> </ul>	Funding obtained for feasibility studies from DECC Heat Networks Delivery Unit.	2016
	Progress to next stages where practical feasibility and viability is demonstrated.	Funding mechanisms for next steps will be identified in study outputs.	2016
<b>Facilitate delivery of high standards of new build development in the city</b>	Continue to work with developers on delivery of low and zero carbon development through the Planning system where Planning Authority is given power to do so; and an early review of <i>City Plan Part 1</i> .  <i>Review City Renewable and Sustainable Energy Study to inform City Plan Part 2.</i>	From Local Development Framework budget and further external funding to be sought.  This work is led by Planning Policy.	By end 2016

### **Medium and long term actions**

- Efficient use of space by exploring further co-location and reduction in property and land assets.
- Investigation of renewable generation options for council buildings and land.
- Continuation of energy efficient improvements in new and existing buildings.
- Investigate and evaluate potential for using council buildings and council housing stock in district heating networks, as per the recommendations from the City Energy Study.
- Build on feasibility study for Anaerobic Digestion plant linked to city food waste collection plans and develop as a Business Plan.

- Deliver feasibility studies and robust business case for District Heat networks at two sites in the city.

## **Zero Waste City**

- By 2020, the OECD estimates we could be generating 45% more waste than we did in 1995.
- The vision for Brighton & Hove is of a city that uses resources efficiently, minimises waste levels close to zero, and ultimately sends no waste to landfill. The city follows the hierarchy of 'reduce, re-use, recycle'.

### **Where we want to get to**

- Promote reuse and recycling to high value uses, including closed loop recycling.
- By 2025, 70% of domestic waste by weight will be recycled or composted. The target is that residual waste will reduce by 10% per household by 2025.
- By 2020, no more than 2% of all waste (domestic, commercial or construction) by weight will be sent to landfill – the rest is reused, recycled, composted or burned for energy recovery.
- Develop the infrastructure to enable recycling of commercial waste to achieve a trajectory towards zero waste by 2025.

The above targets were adopted in the 2012 Waste Management Strategy which will be reviewed and updated in light of the councils reducing budget and service changes since the original Strategy was adopted.

### **Where we are now**

- Residual waste (the non-recycled 'black bag' collection) per household reduced from 629kg to 596kg over the last five years. It increased slightly to an estimated 612kg in 2014/15.
- 25.46% of household waste was recycled or composted in 2014/15, down slightly on the previous year (25.8% in 2013/14) (vs average of 43% in England).
- 69% of household waste was diverted to energy recovery in 2014/15.
- Provisional figures indicate that 3.83% of household waste was sent to landfill in 2014/15, an improvement on 8.2% the year before.
- Built comprehensive waste infrastructure to divert waste from landfill – Materials Recovery Facility (Hollingdean); an 'In-Vessel' composting facility (Whitesmith); Energy Recovery Facility (Newhaven).
- Ongoing work to reduce food waste with the Food Partnership.
- Over 1,000 households take part in community composting at over 30 locations in the city.
- Brighton Paper Round is now operating a food waste collection service with 70 businesses signed up so far and collecting 20 tonnes per month.
- Introduced communal recycling to high density city centre properties.
- The council will be trialling commercial waste collections and assessing feasibility of a larger scale service.
- The city is estimated to have above average rates of recycling for commercial waste and for construction and demolition waste.
- Effective planning policies are in place for construction and demolition waste, to promote re-use, recycling and waste reduction, and to promote sustainable design.

### **What we're going to do**

<b>What?</b>	<b>How?</b>	<b>How will we fund this?</b>	<b>When?</b>
<b>Increasing reuse</b>	Open further re-use facility at Brighton Household Waste and Recycling Centre subject to feasibility.	This work will be led by Veolia and funded from within the existing budget contract.	2015
	Promote re-use charities and partners, e.g. working with Universities.		
<b>Increasing recycling rates</b>	Improve quality of recycling service and levels of customer satisfaction to encourage more residents to recycle.	To be funded within existing revenue budgets	By 2020/21, Brighton & Hove will be recycling or composting 50% (target subject to review) domestic waste, 50% of construction and demolition waste and 70% commercial and industrial waste.
	Incentive-based engagement campaign to increase recycling areas across the city, working with the community and voluntary sector where appropriate.	Scheme funded by savings resulting from increased recycling.	Launch in 2015
	Improve Brighton Household Waste Recycling Service (HWRS) to encourage greater segregation of waste and increase recycling.	Capital funds allocated	March 2016
<b>Increase composting rates</b>	Encourage community composting schemes for food and garden waste.	Funded from within council budgets	2015
	Food Partnership and council campaign to promote subsidised home composters and digesters		
<b>Support services for commercial and other waste producers</b>	Launch council commercial refuse collection in 2015 and recycling collection in 2016.	Led by the council and self-funded.	2015-16
<b>Promote waste minimisation and prevention</b> (see also Local and Sustainable Food and Sustainable Materials)	Support the food waste reduction campaign by the Brighton & Hove Food Partnership and the council.	This work will be led by Brighton & Hove Food Partnership from existing council budgets.	2015
	Complete the FoodWISE project to test approaches to recycling food waste at outdoor events on council land	ERDF European funded and staff time. Led by	Completed September 2015

What?	How?	How will we fund this?	When?
		International & Sustainability Team.	

### **Medium and long term actions**

- Review Waste Management Strategy and targets for waste minimisation, reuse and recycling.
- Update action/delivery plan informed by the Strategy.

## **Zero Waste Council**

Reducing waste and reusing where possible, with the goal of sending zero waste to landfill.

This follows a vision of efficient use of resources, reducing waste levels close to zero, and ultimately to send no waste to landfill. The work is led by Brighton & Hove City Council Property & Design.

### **Where we want to get to**

- Waste reduction programme to be implemented:
  - The principles of reduce-reuse-recycle are implemented across the organisation and all staff take responsibility for this.
- 75% recycling rate on internal operations within three years of setting an accurate baseline.
- Over 90% of waste by weight generated by council construction and demolition work will be reclaimed or recycled.

### **Where we are now**

- Corporate waste contract includes the collection of most waste streams including: paper, cardboard, plastic bottles, glass, and hazardous waste.
- Food waste collection pilot successfully working across several schools in the city.
- All non-recyclable waste from council buildings is transferred to the Energy Recovery Facility in Newhaven – the council is sending zero waste to landfill.
- Under the council's Strategic Construction Partnership led by Property & Design, all projects have a Smart Waste plan with calculated site specific waste analysis data.
- A corporate waste baseline has been set and collection weights are being monitored.
- Waste recycling in all council construction projects currently measured and independently verified.

### **What we're going to do**

What?	How?	How will we fund this?	When
<b>Achieve 75% recycling rate on internal operations within three years of setting an accurate baseline.</b>	Monitor total waste arising, recycling rates and levels of re-use.	None	November 2016
	Develop and deliver a staff led behaviour change campaign for council staff.	From allocated budgets	March 2017

What?	How?	How will we fund this?	When
	Increase visibility of recycling facilities and improve distribution and signage of collection containers in council buildings to increase recycling rates.	Possibly in the region of £5,000	November 2016
<b>Implement a waste reduction programme using baseline data and set annual waste reduction targets.</b>	Identify how much waste is currently produced in all council buildings and schools with data from newly installed weighing equipment on vehicles.	Managed by existing staff resources	2015-16
	Embed waste minimisation requirements in the re-tendered Commercial Waste and Recycling Contract.	Managed by existing staff resources	01 May 2016
	Continue the promotion and use of WARPit to increase the amount of waste re-used and monitoring and reporting on kg of goods diverted.	Funded from existing budget	Ongoing
	Rolling out food waste collection as part of council contract: measuring amount of food waste collected and weighing it and tracking our general waste data to ensure that it is decreasing.	Funded from existing budget	Ongoing
<b>Achieve 95% recycling of construction waste in all projects via the Construction Partnership</b>	Best practice standards in waste minimisation during construction will be promoted and employed. Apply Reuse - Deconstruct - Demolish hierarchy for all construction waste.	Managed by existing staff resources	Ongoing

### **Medium and long term actions**

- A new commercial waste and recycling contract in place.

## **Sustainable Transport**

Under the Sustainable Transport principle we commit to 'Encouraging low carbon modes of transport to reduce emissions, reducing the need to travel'.

This commitment for reducing carbon emissions is embedded in the council's Local Transport Plan, referred to as LTP4, the council's Transport Strategy for the city.

The Connected City's Transport Vision has become the vision of the LTP, in line with the council's Corporate Plan which states that 'the city's vision is the council's vision'. The Transport Vision will therefore be the basis on which the city's wider goals and objectives for transport and travel will be promoted and achieved by the council.

This work is led by Brighton & Hove City Council's Transport Policy and Strategy Group.

### **Where we want to get to**

- The Vision of The Connected City's Transport Partnership is **Promoting and providing sustainable travel**:
  - *'We want to continue to develop an integrated and accessible transport system that is well-maintained and enables people to travel around and access services as safely and freely as possible, while minimising damage to the environment and contributing to making our city a safer, cleaner, quieter, healthier and more attractive place.'*
- The LTP4 includes seven high-level, overarching goals that Transport is expected to help contribute towards meeting. One of these goals is to 'Reduce Carbon Emissions' and a commitment to produce a **Transport Carbon Reduction Plan [TCRP]**. The TCRP will include an indication of the overall emissions contribution transport is expected to make towards meeting targets and the most effective means to deliver reductions and therefore help meet the city's carbon reduction objectives for Transport, as set out in LTP4.
- Within the LTP4, the carbon reduction goal is explained more specifically as being to 'Reduce transport emissions that affect climate change and our local environment'. In order to help achieve the carbon reduction goal, four specific transport objectives have been defined within the LTP, which are:
  - Reduce the need to travel for some journeys and activities.
  - Provide information and choices for people to enable them to travel more sustainably on a regular basis.
  - Promote and enable greater use of zero- and low-emission forms of transport.
  - Use new technology to maximise reduction of carbon emissions.

These new objectives are therefore now the main focus for reducing carbon emissions within this action plan.

## **Where we are now**

### Reduce travel time

- The council's City Plan – Part 1 Submission land-use planning strategy is focused on locating development that significantly increases movement or provides much needed affordable housing close to existing transport corridors and services, and/or interchanges.
- As the local Highway Authority, the council will continue to seek to promote and secure appropriate measures and infrastructure through the planning process, in line with Policy CP9 (Sustainable Transport) of the council's City Plan – Part 1 Submission.
- Opportunities to improve local centres of activity which can provide daily access to food and other products for local communities, such as shopping areas, will be assessed in order to increase the use of sustainable transport or active travel for some short journeys.

### Promote and support sustainable travel

- Continuation of Travel Planning to support behaviour change.
- Working with residents, partners and stakeholders on established Personalised, School, Workplace and Residential Travel Plans will continue, and will help to deliver new initiatives and secure new Plans, where appropriate. The primary focus of such Plans is to identify and explore sustainable travel alternatives to using cars for certain journeys.
- Promotion of sustainable travel choices through the JourneyOn website and associated campaigns, promotions, events, activities and initiatives will continue.

### Promote and enable greater use of zero- and low-emission forms of transport.

- New and improved, safer walking and cycling routes to schools and the South Downs National Park have been developed within the city.
- Increased use of electric vehicle charging points within the city has been achieved and additional funding secured for Rapid Charging Points, in partnership with the EV SouthEast Consortium (now known as 'Energise').

- Working with partners, the council will be involved in the further development and delivery of the Active Travel Strategy for the Greater Brighton City Region.
- A new £1.5 million, 500 space cycle hub has been launched at Brighton Station.
- An additional £1.5 million worth of funding has been secured for a BikeShare scheme within the city and £765,000 worth of cycle-rail funding for a cycle hub at Hove Station and improved cycle parking facilities at three train stations (Portslade, London Road and Moulsecoomb) and a cycle hub at Portslade Station.

Use new technology to maximise reduction of carbon emissions

- An additional £1.8 million worth of funding has been secured for a package of 'Intelligent Transport Systems' [ITS] measures and infrastructure to reduce congestion and delays on, and improve the efficiency of, the main routes into and out of the city. Measures include optimised traffic signals, variable message signs, cameras and the use of Bluetooth devices.
- Exploring and developing opportunities with public transport operators for smart-ticketing to increase the attractiveness of this form of transport for some people.
- Securing additional funding from the Clean Vehicle Technology Fund to reduce and/or improve emissions from taxis and buses.
- Encouraging the use of City Car Club vehicles to reduce dependence on privately-owned vehicles.
- Supporting the roll-out of greater access to broadband within the city in order to maximise opportunities to access transport information and ticketing via the internet.

## What we're going to do

What?	How?	How will we fund this?	When?
<p><b>Reduce the need to travel for some journeys and activities</b></p>	<p>Continue to work with Planning colleagues and developers to achieve high levels of sustainable transport provision within new development proposals.</p>	<p>Funded from council revenue (primarily staff time)</p>	<p>Ongoing</p>
	<p>Undertake audit and review of amount and quality of access, transport facilities and services, and travel information in local shopping areas in order to identify priorities for investment in transport measures.</p>		
	<p>Advise on, and influence, the development and design of Major Projects within the city, such as The Waterfront, King Alfred and Preston Barracks sites, and New Homes for Neighbourhoods.</p>		
<p><b>Support more regular sustainable travel choices</b></p>	<p>Develop a Technology and Travel Information Strategy.</p>	<p>Funded from council revenue (primarily staff time) and some LTP capital to support the delivery of measures.</p>	<p>Ongoing</p>
	<p>Continue to work with residents and partners on the development of Travel Plans and deliver new initiatives and secure new Plans, where appropriate.</p>		
	<p>Work with the i360 company to create an exemplar source of sustainable travel and journey information for a new, major attraction.</p>		
	<p>Explore the opportunity to extend the ESCC operation of 'Wheels to Work' into the city.</p>		
<p><b>Promote and enable greater use of zero- and low-emission forms of transport</b></p>	<p>Review existing provision and opportunities to upgrade and expand electric vehicle charging points within the city, and encourage and enable greater up-take and use of Ultra Low Emission Vehicles.</p>	<p>Funded from council revenue (primarily staff time and ongoing maintenance) and LTP capital funding to install infrastructure.</p>	<p>Ongoing</p>
	<p>Develop and secure approval for the Business Case for the BikeShare project and procure an operator.</p>		
	<p>Increase the accessibility of certain corridors in order to overcome barriers to movement and increase safety.</p>		
<p><b>Use new technology to maximise reduction of carbon emissions</b></p>	<p>Secure approval of the ITS Business Case and begin installation of measures along key corridors.</p>	<p>Funded from council revenue (primarily staff time) and LTP</p>	<p>Ongoing</p>
	<p>Develop a Technology and Travel Information Strategy (see above).</p>		

What?	How?	How will we fund this?	When?
	Develop and facilitate smart-ticketing initiatives for public transport with operators.	capital funding to install infrastructure.	
	Assess progress and success of introduction of clean vehicle technology on taxis and buses.		

### **Medium and long term actions**

- Continue to develop priorities and deliver projects and programmes which reduce carbon emissions, in line with the commitments set out in The Connected City, the Corporate Plan and the LTP4, and secure improvements through the Planning process which comply with Policy CP9, and other relevant policies, of the City Plan.
- Work with colleagues to ensure that low-carbon forms of transport and travel can support and help deliver the objectives of other EDH and council plans and strategies.
- Continue to identify, seek and secure additional funding opportunities to develop and deliver low-carbon forms of transport and travel.
- Continue to participate in, and strengthen, existing partnerships, and establish new ones, to deliver low-carbon forms of transport and travel, and reduce the need to travel.
- Work with partners to ensure that the principles of this Sustainable Transport SAP are integrated into the emerging priorities and investment programmes of the Greater Brighton City Region, where appropriate.

## **Sustainable Materials City**

Creating infrastructure and technical support to accelerate reuse in the city.

Focusing on the use of renewable or waste resources with low embodied energy and, wherever possible, sourced locally. This applies to construction and consumer goods.

This work is led by Cat Fletcher.

### **Where we want to get to**

- Accelerate reuse in the city to improve our waste recycling rates.
- Establish a permanent city reuse depot. This will be the first multi-sector reuse depot in the country and position Brighton & Hove as a national centre of excellence for circular economy.
- Develop a tool to track reuse rates in the city.
- Raise engagement and awareness, embedding reuse culture in the local community.
- Community engagement through events including Citywide Garage Sale; Brighton Fashion Week; and Café Conversations.

### **Where we are now**

- The Waste House is a ground-breaking waste prevention project of international significance. It has won 10 awards including the prestigious Regional and Sustainability Awards from RIBA (Royal Institute of British Architects). It is also shortlisted for the renowned Sterling Prize. First year of data will be out this summer; technologies and methodologies are being monitored for effectiveness.

- Redistribution hubs: pop-up reuse depots have been set up around the city, e.g. at Prestamex House, Circus Street, preventing over 250 tonnes entering the waste stream in 2014-15.
- WARPit: the council introduced WARPit furniture and resources reuse scheme and employed a Reuse Manager to manage the clearance of civic buildings for the Workstyles relocation project. 138 tonnes of waste was handled by the reuse manager at a cost of £180 per tonne. This represented a saving of £12,000 to the council on disposal costs which rises to a saving of £35,000 if we include associated costs such as transport. As most of the surplus items were donated to community groups this has shown how the council can prevent waste by collaborating with the community sector.
- Local reuse social enterprises such as Emmaus, the Repair Café and makers' projects are booming and numbers are expanding in the city.
- Citywide Garage Sale, one of three UK pilots, is due to run in September 2015. The corporate sector will be actively involved alongside community groups and local residents. Participants' activity is mapped and feedback collected for measurement purposes. The event has been imported by garagesaletrail.com.au whose event in Bondi Beach, the same size as Brighton & Hove, turned over more than AU\$ 35 million last year. The event is funded by Big Lottery and WRAP.
- "Build Green" City College workshops for local tradespeople training in sustainable building practices. Opportunity to be reignited with remaining EU funding.

### What we're going to do

What?	How?	How will we fund this?	When?
<b>Creating reuse infrastructure, knowledge and skills</b>	Establish a permanent reuse centre in the city.	Crowdfunded; Freegle funded.	2015-16
	Citywide Garage Sale; reuse levels will be tracked.	Awards for All lottery funding; WRAP	Completed September 2015
	Piloting WEEE reuse project, enabling reuse and refurbishment of unwanted electronic devices by data clearance, assessment of options for owners. Reuse levels will be tracked.	WRAP; BHCC Community Grants; Partly self-funded.	2015 ongoing
	Sustainability events throughout Brighton Fashion Week.	Brighton Fashion Week funding (external sources)	September-October 2015
	Various citywide community awareness raising events including Lantern Fair, The Level Festival, Café Conversations.	BHCC funded; Various external sources	2015 - 16
<b>Enable monitoring and assessment of reuse rates</b>	Create a tool to monitor and measure reuse in the city.	WRAP; University of Northampton	2015 - 16

### Medium and long term actions

- Identify and establish appropriate remanufacture facilities.

- Identify opportunities for embedding sustainable materials and reuse into public and private procurement policy.

## **Sustainable Materials Council**

Our focus:

- The use of renewable or waste resources with low embodied energy and, wherever possible, sourced locally. This applies to construction and consumer goods.
- The environmental impact of goods and services procured, through a robust strategy and involving guidance, promotion and case studies for staff, suppliers and partners.

This work is led by the council's Procurement Team working closely with purchasers and suppliers, and reported through the council's Organisational Health Report.

### **High level objectives – where we want to get to**

The council is continuing to embed the principles of sustainability throughout its procurement activities through balanced consideration of the social, ethical, environmental and economic impacts of the products and services that it buys. In order to deliver on this commitment, Brighton & Hove City Council will:

- Ensure that the organisation as a whole takes responsibility for what it procures:
  - Promote weighted and scored sustainability criteria to council clients and incorporate these where ever possible within procurement exercises.
  - Reduce paper usage by driving e-procurement practice, endeavouring to operate paperless council procurement exercises.
  - Ensure that our operations, service delivery and the products we buy actively work towards achieving carbon reduction targets.
  - Reduce the amount of waste created by encouraging reuse and recycling, the use of recycled products and products derived from reclaimed materials.
  - Develop more sustainable transport within the city, by ensuring that the vehicles we buy and use in the course of delivering our services have minimal impact on the environment, consider their emissions, the use of alternative fuels and the whole life cost of the vehicle.
  - Only buy sustainable and efficient products and materials, selecting those which have a minimal effect on the environment over their whole life.
  - Buy goods from fair, ethical and sustainable sources when local products are not available, where appropriate.
- Continually communicate to suppliers the importance of sustainability considerations through the design of contracts and their management and by embedding sustainable principles throughout the procurement process.
- Develop a supply chain that maximises opportunities for community benefit and economic gain and reduces inequality and financial exclusion within the city.
  - Encourage suppliers to take steps to make supply chain opportunities accessible to local SMEs and third sector organisations.

### **Where we are now**

- Effective procurement and contract management is helping to deliver value for money and meet the council priorities on sustainability. The council has revised its Sustainable Procurement Policy and highlighted sustainability as one of the six key themes in its Procurement Strategy. This is helping to support council staff to make responsible purchasing decisions. Through the council's procurement procedures, it encourages tendering organisations to provide details of their sustainability and equalities programmes including asking for their environmental policy and details of environmental management programmes.

- Where appropriate, procurers throughout the council are attributing greater weight to sustainability and environment related questions during the tendering process and are thus requiring a greater level of consideration from prospective suppliers.

**What we're going to do**

What?	How?	How will we fund this?	When?
<b>Responsible corporate procurement</b>	<u>Stationery Contract</u> Ensure improvements in letting of new pan-Sussex Corporate Stationery contract: <ul style="list-style-type: none"> <li>• All recycled paper products on core list to have minimum 75% content of recycled pulp.</li> <li>• 100% of paper products to originate from sustainable sources (not from temperate rainforest or monoculture plantations).</li> </ul>	Funded from existing budgets	Ongoing. Final draft of specification underway, with targets to be included, subject to approval by committee.
	<u>Stationery consumption</u> <ul style="list-style-type: none"> <li>• Increase use of 100% recycled paper to 70%</li> <li>• Reducing frequency of delivery of stationery orders</li> </ul> Consumption statistics collected quarterly and reported to identify target non-compliance	Funded from existing budgets	Completed September 2015
	<u>E-procurement</u> Increase use of e-tendering platform across the council, resulting in reduced paper use and improved efficiency.	Funded from existing budgets	Ongoing roll out of procurement training
	<u>Minimum Food Standards</u> Promote compliance with Minimum Food Standards in all contracts which contain a catering element.	Funded from existing budgets	Ongoing
	<u>Fleet</u> Undertake a review of existing and future fleet contracts, to explore	Funded from existing budgets	Completed June 2015

<b>What?</b>	<b>How?</b>	<b>How will we fund this?</b>	<b>When?</b>
	potential sustainability improvements.		

What?	How?	How will we fund this?	When?
<b>SME Engagement</b>	Improve engagement with SMEs including an update and potential training event on incoming changes to EU Procurement Regulations.	Funded from existing budgets	Ongoing. Event to be discussed and arrangements made by March 2015 following update release from Cabinet Office due end of 2014.
	Overhaul procurement documentation to make tendering process less onerous for smaller suppliers.	Funded from existing budgets	April 2015-March 2017; reviewed 6 monthly

### **Medium and long term actions**

- Continue to apply the principles of the Sustainable Procurement Policy and approach all procurements with a view to include sustainability related criteria and targets where applicable. The monitoring of the inclusion of sustainability criteria along with the weighting attributed to these will be ongoing and collated by Corporate Procurement.

## **Local and Sustainable Food**

The city's commitment to taking a systematic approach to achieving a healthy, sustainable and fair food system is set out in its Food Strategy *Spade to Spoon: Digging Deeper* (2012) agreed by Brighton & Hove City Council and adopted by the Local Strategic Partnership.

This work is led by Brighton & Hove Food Partnership (BHFP) and by Planning and Public Protection in the council.

### **Where we want to get to**

- People in the city eat a healthier and more sustainable diet.
- Public organisations have healthy, ethical and environmentally responsible food procurement policies and practices.
- Waste generated by the food system is reduced, redistributed, re-used and recycled.
- More food consumed in the city is grown, produced and processed locally using methods that protect biodiversity and respect environmental limits.
- The city has a vibrant, sustainable food economy of thriving local businesses, local products and employment opportunities.

### **Where we are now – the challenges**

- 50,000 adults are obese or morbidly obese estimated in 2010 to cost the NHS in Brighton & Hove £78.1 million. 14,000 2-19 year olds are overweight; this is likely to increase to 16,400 by 2020.
- The number of food banks in the city has increased from three in 2012 to 14 in 2015. The City Tracker survey in 2014 shows 23% of respondents reporting that they were concerned that they would not have enough money in the next year to cover basic living costs (including food)
- 35% of what households in the city throw away is food waste; this is higher than the national average of 33%. Wasted food represents 3% of the UK's domestic greenhouse gas emissions,

equivalent to those created by 7 million cars each year.<sup>1</sup> The city has a food services industry of over 400 cafes and restaurants. The UK hospitality sector produces 600,000 tonnes of food waste each year.<sup>2</sup>

- The city has 4,400 hectares of farmland but very little produce from this comes into the city.

### **Achievements since the plan was agreed in 2013**

- In April 2015 Brighton & Hove was awarded the Silver Sustainable Food Cities award in recognition of progress towards a healthy and sustainable food system across all sectors and all agendas. Silver is the highest standard awarded, and Brighton and Hove was the first and so far only city in the UK to achieve this.
- In 2014/15 Brighton & Hove Food Partnership (BHFP) engaged with over 5500 people through workshops, one to ones, groups and communications to support residents with healthy and sustainable diets.
- The 2014 national statistics from the National Child Measurement Programme (NCMP) show child obesity is down again this year in the city. Among local authorities with complete data, Brighton & Hove ranks second in the South East this year for the percentage of children classified as having a healthy weight, at both ages. This good news and evidence that the partnership approach to preventing and reducing childhood obesity is working, however weight is still a significant health issue for adults and children in the city.
- In 2014 the council adopted Minimum Buying Standards for all its catering contracts, including schools. These include standards for fish, meat, seasonal produce and fair-trade products. Four contracts worth over £75,000 a year are now achieving this standard including the recently awarded Bronze to the Brighton Centre.
- All Primary and Special Schools now serve meals to the Silver Food for Life Catering Mark standard. A successful pilot of food waste collections for 10 schools was delivered. Learning from this has informed the next round of commissioning for the school's waste contract.
- The council's Policy and Resource Committee agreed to work with the Food Partnership to develop a food poverty action plan for the city in 2015.
- Three years funding of £500,000 has been secured from the Big Lottery Reaching Communities Fund for Sharing the Harvest project to engage vulnerable adults in the city's 70 community food growing projects.
- An Allotment Strategy has been agreed setting out how the city will deliver enjoyable, inclusive, sustainable and affordable allotments.
- Business support events have been delivered by the council, BHFP and Brighton & Hove Chamber of Commerce designed at giving local businesses in the food and drink sector skills to grow and develop.

### **What we're going to do**

<b>What?</b>	<b>How?</b>	<b>How will we fund this?</b>	<b>When?</b>
<b>People in the city eat a healthier and more sustainable diet</b>	Deliver <i>Sharing the Harvest</i> project helping vulnerable adults engage in community food growing for health and wellbeing.	Big Lottery Reaching Communities	2014 – 2017. 100 adults participate per year
	Hold a food poverty round table. Develop a food poverty action plan - aim is to reduce the impact of food poverty on the health and wellbeing of local people, and mitigate against the likely impact on future	BHFP funded by Esmée Fairbairn Foundation	Round table July 2015; action plan agreed November 2015

<sup>1</sup> The Water and Carbon Footprint of Household Food Waste in the UK - by WRAP and WWF (2011)

<sup>2</sup> The composition of waste disposed of by the UK Hospitality Industry. (2011)

What?	How?	How will we fund this?	When?
	health and social care budgets of doing nothing about this issue.		
	Develop and implement Brighton & Hove Strategy and Action Plan: <i>A city that can cook 2015-2025</i> , to ensure residents can and do cook.	BHFP, current funds and must attract further.	Baseline evaluation questions agreed with University of Brighton July 2015. Strategy to be agreed by BHFP Board by December 2015.
	Deliver skills sessions to communities in the city to promote and inspire people to choose healthy and sustainable food.	BHFP, Albion in the Community (funding from Public Health)	Agreed plan 2015 - 2017 includes work with schools, healthy weight work and cookery.
	Work with fast food takeaways to encourage healthier cooking techniques.	Public Health, Food Safety Team	New post to deliver 2015 - 16
	Develop <i>Healthy Choice Award Gold</i> combining sustainability criteria with health	BHFP (funding Public Health)	Roll out in early years settings July 2015 on.
<b>Procurement</b>	Promote Minimum Buying Standards for council catering contracts under £75,000 per annum.	BHCC Cost neutral	Ongoing
	Work to help develop a healthy and sustainability hospital Food and Drink Policy.	Brighton and Sussex University Hospitals NHS Trust; BHFP	April 2015 to March 2016
	Hold regular city-wide forum to bring together public and private caterers to share good practice and information	BHFP funded by Esmée Fairbairn Foundation	At least two more meetings by the end of 2015
<b>Waste</b>	Deliver <i>Love Food Hate Waste</i> campaign to reduce food waste and increase home and community composting. Aim to reach 1200 households.  Hold ' <a href="#">Feeding the 5000</a> ' event with the aim of reaching over 5,000 people.	Cityclean; BHFP	2015 - 2016
<b>Food production</b>	Publish availability of council owned land suitable for food growing.	Property & Design	Ongoing
	Progress with project on farmland to inspire and educate people around food production.	Property & Design, Planning	2015-16
	Implement <a href="#">Allotment Strategy</a> action plan.	Brighton & Hove City Council and Allotments Federation	Ongoing
	Implement with schools the <i>National School Food Plan</i> : in curricular and school	School Meals Team funding for	By 2015-17 all schools to have food growing

What?	How?	How will we fund this?	When?
	activities: <ul style="list-style-type: none"> <li>access to food growing in grounds;</li> <li>cookery classes;</li> <li>training for supervisors and kitchen staff to help children make healthier choices;</li> <li>cookery and healthy eating workshops.</li> </ul>	training for Midday Supervisor kitchen staff. Public health in schools funding.	and/or cookery groups 2 x Midday Supervisor training. All schools to have Public Health profiles and, if relevant, plans to address food issues.
	Increase food growing projects in the city: <ol style="list-style-type: none"> <li>at least one new food growing project on council housing land e.g. Bevendean;</li> <li>plant two community orchards per year (over five trees) one new demo garden in central location;</li> <li>progress plans to reinstate food growing at Stanmer Walled Garden;</li> <li>support community food projects to be resilient and sustainable.</li> </ol>	<ol style="list-style-type: none"> <li>Within existing budgets.</li> <li>Brighton Permaculture Trust.</li> <li>Food Partnership funding; council space.</li> <li>Heritage Lottery Funding; Food Partnership (funding tbc)</li> </ol>	2014 - 2016
<b>Local Food Economy</b>	Work with Open Market CIC to ensure a thriving and sustainable market.	Cost neutral. Economic Development and Major Projects Teams	Ongoing
	Create suppliers database in partnership with East Sussex County Council and share with caterers.	Funded by BHFP, East Sussex County Council and Esmée Fairbairn	Completed July 2015
	Develop local food promotional campaign aimed at tourists and conference visitors as 'Eco Tourism' offer linked to Biosphere.	Biosphere Board, Visit Brighton.	2015-17
	Provide business support to food sector SMEs (food manufacture, processing, retail, hospitality) through Ride the Wave.	Economic Development Team and Brighton & Hove Chamber of Commerce.	Two 'Meet the Buyer' workshops delivered summer 2015.

### **Medium and long term actions**

- Locally caught fish is sustainably caught and much is sold in the city reducing the need to import fish from elsewhere.
- Achieve Food for Life Gold Standard in the School Meals service – following work to close the gap to achieve the living wage for catering staff.
- Facilities for food waste collections will be available at all buildings in the city with catering outlets.

- Food production is delivered on the majority of land identified as suitable by the mapping work undertaken.
- Put food at the heart of Stanmer Park as part of its regeneration and develop Stanmer as a beacon farm to inspire and educate.

## **Sustainable Water City**

Supporting reduced water demand, improving water quality and reducing flood risk. This work is led by the Environment Agency.

### **Where we want to get to**

Reducing flood risk

- Reduce flood risk to homes vulnerable to surface water flooding.
- Slow water entering the drainage network to reduce flooding.
- Reduce flood risk to sites at risk from groundwater flooding.
  - Manage the coastline to protect properties from tidal flooding.
  - Have best practice approach to water drainage and storm water in refurbishments and new builds.
- Interreg 2-Seas funding is being sought for the Climate Resilient Coastal Landscapes project which seeks to improve the city's preparedness to deal with climate change; raise awareness of climate change and adaptation to flooding in communities; improve regularly-occurring types of landscape in the city such as concrete-dominated streetscapes and empty/underused grassed areas.

Improving water quality:

- Reduce urban pollution sources of drainage networks, watercourses and the sea.
- Improve groundwater quality and quantity which is a requirement of the Water Framework Directive.
- We will reduce our impact on sea water quality and maintain recreation and local fisheries.

Reduce water demand:

- Reduce water demand in new housing and current housing. Increase re-use of water.
- Reduce demand from business.

### **Where we are now**

- Climate Change Adaptation Scrutiny Panel provided clear recommendations for how city needs to adapt and prepare for severe weather events including flooding and drought. Solutions include measures to reduce flooding, create habitat and restore our rivers to a more natural state, all of which will help to reduce flood risk and improve water quality as well as providing important habitat for wildlife.
- BHCC Downland groundwater project initiated with funding from Defra WFD funds, aims to reduce fertilizer application by council tenant farmers. A reduction in Nitrate, Potassium and Phosphates will improve the quality of the groundwater in the area.
- Environment Agency is working in partnership with the Sussex Inshore Fisheries and Conservation Authority (IFCA), Sussex Wildlife Trust and others to develop a better and shared understanding of the habitats, species and pressures on the Sussex coastal water body. The project will create a habitat map for the Sussex coastal water body, which will be far more accurate and detailed than anything else that currently exists. Knowing what habitats are where is vital to direct management to where it's most needed.

### **What we're going to do**

What?	How?	How will we fund this?	When?
<b>Reducing Flood Risk</b>	Creating alleviation channels in the Pavilion area for flood risk management.	£270,000 funds from Defra. Work led by Sustainable Transport Team in partnership with the Environment Agency.	2016
	Work with Brighton Marina to ensure up-to-date climate change information is incorporated into developments beyond 2030.	Contributions from developers. Work led by Brighton Marina and the council.	2030 and beyond
	Maintain appropriate sea defences. Use the coastal habitat project maps to target appropriate management of habitats in line with sustaining sea defences. <a href="http://www.environment-agency.gov.uk/research/planning/140252.aspx">http://www.environment-agency.gov.uk/research/planning/140252.aspx</a>	BHCC Environment Agency Inshore Fisheries & Conservation Authorities (IFCA). £80,000 already secured over last two years from EA Defra funds for IFCA project.	Ongoing
	Flooding and green infrastructure pilot project in Portslade. Two SuDS 'rain gardens' schemes to be created as practical pilot projects, based on Natural England funded scoping project 2014-15.	£20,000 Environment Agency funding pending. Project managed by Biosphere Programme Manager and Flood Risk Management Officer.	2015-16
	VIBES Blue Infrastructure proposal. 1st stage bid decision awaited end of September 2015 for 2016. Proposed research, policy development, practical improvement projects ('rain gardens'), and engagement work.	£820,000 provisional from EU Interreg VA Channel of which 31% match-funded by the council. Led by Devon County Council; project managed by Biosphere Programme Manager.	April 2016 - April 2019
	Two pilot projects will aim to make local urban landscapes more resilient to flooding by developing and testing integrated, multidisciplinary water management measures that take landscape characteristics into account (drainage, movement, biodiversity, food resources, recreation, support local businesses).	Dependent on securing Interreg 2-Seas funding	January 2016 - December 2019
<b>Work with partners to deliver on the water quality and quantity requirements</b>	Work with businesses and other stakeholders to prevent pollution. Ensure sewerage connections are effective.	Work led by the council and Southern Water. External funding sought.	2015 - 2020
	CHAMP partnership project to improve groundwater quality through better	£420,000 fully funded	September

What?	How?	How will we fund this?	When?
<b>of the EU Water Framework Directive</b>	catchment management.	based on partnership approval. Led by Southern Water in collaboration with National Park Authority, Environment Agency, Biosphere and other partners.	2015 - March 2019
	Work with planning authorities and developers to include Sustainable Urban Drainage schemes, innovative design, innovative materials and create more green roofs, to reduce run off in the light of climate change affecting weather patterns Work with businesses and other stakeholders to prevent pollution.	Environment Agency; Natural England; Wildlife Trust; RSPB; Rivers Trusts; Southern Water.	2015-2016
	Work closely with Southern Water to ensure pollution events are kept to a minimum. Carry out visits to give pollution prevention guidance and advice to business.	Led by Environment Agency; Natural England; Wildlife Trust; RSPB; Rivers Trusts; Southern Water. Work with partners to identify options for delivering the WFD.	2015 - 2020
	Continue to sample bathing water and advise on best practice for improving bathing waters with the view to achieving blue flag status. <a href="http://www.blueflag.org/">http://www.blueflag.org/</a>	BHCC Environment Agency Inshore Fisheries & Conservation Authorities (IFCA). Sampling costs borne by the EA.	2015 - 2020
	Aim to become 'water neutral' and promote water neutrality in new developments.	Funded by DEFRA	Ongoing
	Local water cycle awareness, using animation and Minecraft with schools. For roll out to schools in Biosphere area.	Schools to buy in the service individually. £225 per half day session. Work led by Biosphere Programme Manager.	Ongoing

### **Medium and long term actions**

- Maintain appropriate sea defences in response to coastal studies and sea level rise.
- Work with businesses and other stakeholders to prevent pollution (ongoing) and ensure sewerage connections are effective.
- Deliver catchment management actions identified in the relevant [Water Catchment Management Plan](#) [Water Catchment Management Plan](#) [Water Catchment Management Plan](#).

## **Sustainable Water Council**

Our focus is more efficient water use, in buildings and in the products we buy. This supports healthy land use as well as avoiding pollution and flooding.

### **Where we want to get to**

- Efficient water use across council buildings and schools:
  - The council will set an accurate water consumption baseline for its water meters.
  - Reduction and better management of water leaks.
- Protect water quality for the city through improved management procedures of the City Downland Estate.

### **Where we are now**

- Early identification of water leakage across the council portfolio due to Automatic Meter Reading (AMR).
- Better billing data through active management.
- Engagement with farmers on inputs to arable farmland.

### **What we're going to do**

<b>What?</b>	<b>How?</b>	<b>Financial Implications</b>	<b>When?</b>
<b>Identify wasted water (leaks and spikes) through the use of Automated Meter Reading and invoice data</b>	Complete the AMR programme and ongoing management.	Budget allocated	December 2015
	Monitor and analyse AMR data to identify trends/spikes and patterns of unusual consumption and act on findings in all areas – initially focussing on alterations to Building Management System settings.	Within current resources	Ongoing
	Roll out web-reporting software to budget holders and building managers and develop and deliver a communications plan encouraging the use of this software as well as delivering workshops.	Within current resources	Ongoing
<b>Sustainable behaviour change</b>	Develop and deliver a staff led behaviour change campaign for council staff.	From existing budgets	March 2017
	Deliver Environmental Education Programme in schools.	Budget allocated	October 2014 - October 2017

What?	How?	Financial Implications	When?
<b>Collaborate with Southern Water to delivery Water Efficiency programme</b>	Develop and deliver a water efficiency programme of projects that deliver water reduction measures in key sectors across the city.	Managed within current resources and Southern Water funding	2015 - 2017
<b>Completion of the Sustainability Checklist for all large building projects</b>	Architecture & Design Team will apply this to all projects over the value of £500,000 and used as an aide-memoire for design decisions.	None – project specific	Ongoing
<b>Monitor inputs on arable farm land</b>	Via Smiths Gore, monitor inputs on arable land to ensure compliance with the City Downland Estate Policy.	None	Ongoing
	Monitor tenancy agreements to ensure mitigation in place for surface water run-off.	None given	Ongoing

### **Medium and long term actions**

- Explore opportunities arising from the deregulation of the water industry from 2017.

## **Land Use and Wildlife**

This section focuses on protecting and increasing biodiversity and biological productivity, and supporting beautiful landscapes while protecting ecosystem services. The work is led by Cityparks.

In June 2014 the Brighton & Lewes Downs Biosphere was formally designated by UNESCO providing international recognition for our environment. Biosphere will form the umbrella framework to pursue improvements in land use and wildlife across the Biosphere area. It will also be the driver for environmental education, research and engagement with residents and visitors to the Biosphere and promote sustainable recreation and tourism in the area.

### **Where we want to get to**

- To extend further the high quality landscape and diversity of the Downs into the city, breaking the traditional distinction between urban and rural in terms of biodiversity value.
- An overall increase in biodiversity, as well as supporting beautiful landscapes.
- Locally significant species are protected, and a planting and selection process benefits local wildlife.
- Deliver Local Biodiversity Action Plan (LBAP) that clearly sets out how the important habitats and species in the city will be conserved and this is supported and regularly monitored.
- Using Biosphere designation, effectively engage, enthuse, signpost and educate residents, schools and visitors about the environment.
- Encourage sustainable recreation, tourism and sustainable land use under the Biosphere umbrella.

### **Where we are now**

- Brighton and Lewes Downs Biosphere was officially designated by UNESCO in June 2014.

- A Transition Board, chaired by the Assistant Chief Executive of Brighton & Hove, has been established to oversee delivery of the Brighton & Lewes Downs Biosphere. The Board consists of senior representatives from public, private and third sectors. The new structure has secured buy-in from key partners to drive the project forward.
- We have a second SSSI 'Brighton to Newhaven Cliffs' which is designated for its geological interest but also contains important areas of chalk grassland.
- Both Castle Hill and the Cliffs are rated as being in "favourable condition" which means that the land is being adequately conserved for their special qualities.
- We have five Local Nature Reserves spanning 1.1% of land within the city boundary and three more proposed, covering a further 7.1% of the city.
- We have seven Green Flag parks in the city, which have been recognised for their environmental standards and the service they provide for their communities.
- We have 62 Local Wildlife Sites across the city which are important in a local context and have significant nature conservation value.
- We have a Local Biodiversity Action Plan which sets out our programme for conserving biodiversity and was adopted in February 2013.
- A number of important conservation and ancient chalk Downland areas in the city are grazed with sheep to improve the open space for both wildlife and people.
- Rangers, nature conservation volunteer groups and Friends of Groups all work very closely to improve the management of our countryside and parks.
- Three year Access to Nature project has been completed which has encouraged people from all backgrounds to understand, access and enjoy our natural environment.
- Award-winning 'Supplementary Planning Document' on Nature, Conservation and Development, giving practical advice on how to include nature conservation into new development proposals.
- Secured Higher Level Stewardship (HLS) funding for improved management of many chalk grassland areas.
- Most of the city's urban green space is within the South Downs Way Ahead Nature Improvement Area, one of 12 pilot NIAs across England where landscape scale nature conservation improvements are being targeted.
- Nature Improvement Area Funding (NIA) has been completed and helped to establish new species-rich grassland across areas of the city's green space.
- New schools environmental education contract for 2014-17 awarded to the Sussex Wildlife Trust and Resource Futures.

### **What we're going to do**

<b>What?</b>	<b>How?</b>	<b>How will we fund this?</b>	<b>When?</b>
<b>Develop Open Spaces Strategy</b>	Work on developing an Open Spaces Strategy is underway. The strategy will inform future management and maintenance of the city's parks and open spaces with a focus on enhancing biodiversity.	Funded from existing staffing resources	Strategy to be adopted in 2017
	The Stanmer Estate is a key heritage landscape for the city; it is the city's only country park and a critical link to the South Downs National Park. The Estate is on the Historic England At Risk Register. A Master Plan is being developed for the Estate and an application for funding to HLF being	Stage 1 HLF application successful releasing resource to produce final HLF application by	HLF application to be submitted February 2017

What?	How?	How will we fund this?	When?
	produced.	February 2017.	
<b>Increase biodiversity and stewardship of landscapes</b>	Implementation of the Local Biodiversity Action Plan: identifies the most important local habitats and species, assesses their nature conservation status and sets out the actions needed to ensure they achieve favourable conservation status. This plan supports collaboration, utilising local groups to monitor species and habitats.	Internal and Higher Level Stewardship funding. Led by Cityparks.	Ongoing
	Restoration of species-rich, semi-natural grassland. Improved maintenance for target features (ancient monument) and successional areas and scrub. New orchard and potential to reopen some of the old allotments.	Funded from existing budgets. Led by Cityparks with various Community and Friends of Groups	March 2021
	Improve the cities chalk grassland and increase the biodiversity value of other green spaces, within and around the urban area, principally through grazing and management of scrub control.	Funded from existing council budgets; Higher Level Stewardship fund; and Nature Improvement Area fund. Led by Cityparks.	March 2021
	Replace water-intensive planting with wildflowers and herbaceous shrubs, to encourage wildlife and become more resistant to drought in parks and green spaces in the city.	Funded from existing budgets. Ongoing savings. Led by Cityparks.	Ongoing
	Work with Kew to collect seed from our best chalk grassland sites to feed into the millennium seed bank as well as provide seed and plug plants to establish new wildflower sites within the city centre.	NIA funding. Led by Cityparks.	Ongoing
<b>Education and Awareness raising</b>	Deliver Environmental Education Programme in Brighton & Hove schools.	Budget allocated	October 2014 to October 2017

### **Medium and long term actions**

- Development and implementation of detailed Biosphere delivery plan covering the whole city region.
- Development of new Open Spaces Strategy to inform future management of parks and open spaces in the city.
- Promote the effective provision of biodiversity, wildlife features and open space opportunities within new development schemes in the urban area and to set out a schedule of specified projects towards which developer contributions/Community Infrastructure Levy could be directed.
- Expand allotment provision to support sustainable food growing in the city.

- Refresh and implementation of the City Downland Policy to increase sustainable land management including conservation of habitats and species on the council farmland estate.
- Assess green infrastructure and ecosystem services provision to inform priorities for improvements.
- Pursue funding to continue Nature Improvement Area (NIA) work.
- Create a sustainable, self-sustaining estate at Stanmer Park which links the city to the National Park.

## **Culture and Community**

- We aim to nurture a culture of sustainability, community and a sense of place which builds on local cultural heritage to foster a sense of identity and connectedness.
- The plan for the council's own objectives and programmes relating to culture and community are overseen by the Assistant Chief Executive's Department and monitored through the Organisational Health Report.
- At the heart of achieving our sustainability objectives are empowered and knowledgeable communities.

### **Where we want to get to**

- We want our city to become known across the UK and the world as a sustainable destination, recognising its unique offer as a UNESCO Biosphere and its position on the doorstep of the UK's youngest National Park on the beautiful South Downs.
- To deliver Our Future City, a transformation programme in Brighton and Hove that seeks to enhance the city's long term future over the next 10 years through the development of all children and young people's creative talent. The programme takes the form of a dialogue involving children and young people to discuss and inform our city's future in the education, health, cultural and creative industry sectors.
- We continue to promote pride in our city's culture and strive for high levels of sustainability at our community events by maintaining our certification to ISO20121, the international standard for sustainable events.
- We will work with major cultural partners and other venues to support the development of Environmental Management Systems and sustainable practice across the city.
- The plans for the revitalisation for the Royal Pavilion Estate include improvements to the environmental sustainability of the historic sites including energy reduction initiatives.
- The city has a good track record and expertise in producing sustainable events and we are working to improve sharing of good practice, information and resources amongst event producers.
- The council's Communities and Third Sector Policy proposes the establishment of a policy framework for co-ordinated third sector commissioning, to enable collaborative working with partners, pooling budgets and investing in the sector more effectively.
- The council has a number of in-house and commissioned services that support and engage with residents, communities and partners. We are currently reviewing and revising these to ensure we are doing this in the most effective way. The council is developing a programme that aims to support and enable it to work more collaboratively with residents, communities and other partners so we can develop and deliver more services 'with them' rather than 'to them'. This work will be developed and implemented over the next two years and will fit alongside the council Administration's commitment to working with communities and neighbourhoods.

### **Where we are now**

- All major venues and destinations owned or managed by the council have Sustainability Action Plans or a robust Environmental Management System. This includes Brighton Centre, Royal

Pavilion & Museums and The Dome. The plans focus on energy use, lighting, materials, water consumption and recycling.

- The Keep, which opened in 2013, is an archive centre that is an excellent model of sustainability and has created much better access for the public to historic materials.
- The city’s council-run venue, the Brighton Centre, works with event organisers to help them improve the sustainability of their events, and there has been significant investment in the venue to reduce energy use, water use and increase recycling. The city’s Jubilee Library is an award winning environmental building. Both could be trailblazers for planning and building sustainable venues and making existing ones as sustainable as possible.
- Outdoor events are a major part of the city’s cultural offer to residents and visitors. Through its Sustainable Events Programme, the council works in partnership with organisers and promoters of events at council venues and at events on outdoor land owned by the council, encouraging and supporting them to make the most sustainable choices for their events meaning less waste, more local and sustainable food, using local suppliers and more people travelling by public transport.
- The city is internationally recognised for its arts and cultural offer and the crucial role the sector plays in driving the city’s economy, identity and way of life. Creative entrepreneurs and artistic practitioners forge networks with each other and with organisations to develop innovative ways of working and create solutions. These networks reach out way beyond the city, nationally and internationally helping to disseminate good practice on a much larger scale than the city’s compact size would suggest.
- Successful completion of Phase One of the Our Future City programme, a six-month conversation across the city that seeks to improve the lives and life-chances of children and young people through cultural engagement and creative skills.
- Community involvement and participation are central to designing and delivering cultural activities across the city. All Brighton & Hove engagement initiatives and programmes are developed in consultation with various community and participant groups. This ethos underpins all of the programmes, proposed and under development.
- Residents, community groups and voluntary organisations are active in supporting thriving neighbourhoods and communities across the city.

### What we’re going to do

What?	How?	How will we fund this?	When?
<b>Development of Environmental Management System within the council</b>	Develop the city’s Sustainable Events Programme and maintain certification to the ISO 20121 events standard as well as maintaining the ISO 14001 Environmental Management Systems certification.	No additional cost - existing commitment on EMS (annual audit £1,200 pa).  Led by Brighton Centre; Outdoor Events Team; International & Sustainability Team	Ongoing and regularly reviewed.  Externally audited annually in October
<b>Development of Sustainable Events</b>	Encourage event organisers to sign up to the Sustainable Event Commitment for outdoor events and conferences.	Managed by existing staffing	Ongoing

What?	How?	How will we fund this?	When?
<b>Programme</b>		resources. Led by Brighton Centre; Outdoor Events Team; International & Sustainability Team	
	Ensure that council owned venues run by third parties have Sustainability Action Plans or Environmental Management Systems in place. Include this as a requirement of management contracts of these venues as they come up for renewal or retender.	Funded from existing budgets. Led by Culture, Procurement and International & Sustainability Teams	Ongoing
<b>Support Environmental Management Systems and sustainable practice across the city</b>	Support the Dome Estate and Amex Community Stadium in achieving more sustainable event practices by working towards ISO 20121	From Amex Community Stadium and Dome Estate budgets	Until March 2016
<b>Community engagement, awareness raising and empowerment</b>	Deliver phase 2 of Our Future City programme.	Arts Council England funding applied for	September 2015 to September 2018
	Deliver a programme of exhibitions on environmental issues, measuring impact and levels of awareness-raising in visitors.	Arts Council England Major Partner Museums and from existing budgets	Until May 2016
	A review of council engagement to provide a coordinated approach and style to fit with new ways of working.		Until March 2017
	Through a commissioning process, modernise in-house community development, capacity building and community engagement work.	Funded from existing budgets.	Until April 2020
	A staff development programme to ensure staff have the right skills to work with communities.	Led by Communities Equality & Third Sector Team.	Until March 2017
	Implementation of a communities and council communication and information campaign to support community empowerment.		Until March 2017
Review the Community Engagement Framework.		Until March	

What?	How?	How will we fund this?	When?
	Develop a programme of volunteering to empower communities and enable public services to collaborate effectively to deliver city targets.		2016 Until March 2018

### **Medium and long term actions**

- Make Brighton & Hove a leader for sustainable events known for the sustainability credentials of its venues and attracting ethical and environmentally minded events from the UK and abroad.
- Development of a Biosphere brand based on the 'natural identity' of the area to create an information resource on the local environment.
- We will use the recommendations from the Fairness Commission 2016-17 to inform how we continue to work with communities in the city.

## **Equity and Local Economy**

Creating an economy that supports equity and diverse local employment.

### **Where we want to get to**

- To increase the number of businesses paying the Living Wage; to support and lead the development of a city campaign at a regional level which sees all Local Authority and District Council partners also adopting the Living Wage, and also promoting the benefits to business in Adur, Worthing, Lewes and Mid Sussex. To support positive public facing information about businesses who have adopted the Living Wage.
- We will implement a community banking framework which provides accessible small scale (and, into the future, medium scale) finance to communities, third sector organisations and small businesses. Applications based on a business case of sustainable social return on investment / supporting priority sustainable communities agendas.
- To support broad based entrepreneurial behaviour of citizens and residents through generic and targeted; and, where possible, free support services available to all. Where possible to create a level playing field; including incubation and low-rent or temporary spaces which cater for the identified level of start-up demand in the city (currently unmet). For shared SME spaces to be self-governing and adopt Community Interest Company, charitable or equivalent status, and be self-promoting.
- Explore, at an executive level, if equity and market-driven wage growth can be co-supportive and deliver fair wages; and, if so, how we can support this within planning directives.
- To promote and offer continuous personal development and improved access to employment for residents and key client groups, offering relevant support to bridge skills gaps for individuals, and via publicly available labour market information; and effective joint working with relevant partner organisations and the business community.
- To correctly identify strategic and micro-incentive barriers holding back the growth of key industries and associated occupations which can drive local value capture, and sustained market-led wage growth.
- To acknowledge health as a driver and constituent element of equity, and promote the benefits of a local food economy through support for enterprises and community groups involved in healthy food production and distribution initiatives. To support food banks in the city using Social Return on Investment (SROI) rationale, and community banking models. To achieve the UK's first 'gold standard' accreditation as a sustainable food city.

### **Where we are now**

- The council has led by adopting the Living Wage for all employees. Over 200 employers have joined the council, and over 2,000 employees have had their wages raised (2014 review). The annual economic impact of the Living Wage has been calculated at up to £3.5 million, which in disposable income multiplier terms is enough to support up to 100 jobs in the area.
- The council has worked with the East Sussex Credit Union to establish 'Moneyworks'. The service includes funding for the credit union to provide community banking facilities such as loans, savings, e-cards and jam jar accounts as well as money advice and education.
- The Economic Development Team has commissioned a range of support workshops and services including: Ride the Wave in conjunction with the Chamber of Commerce; working with the LEP to deliver a grants programme of £1.79 million to support expanding SMEs who are creating employment; working to secure a City Deal with a focus on growth and innovation spaces and the refurbishment of New England House as a strategic incubation space. Worked with the University of Brighton and other key partners to establish the Green Growth Platform, currently supporting over 200 green entrepreneurs.
- The council has given focus to key strategic sectors in the Economic Strategy which, in turn, informs city and corporate priorities (and potentially planning decisions).
- The council and key partners have exceeded the City Employment and Skills Plan target of creating 6,000 new jobs over four years to 2014, and continue to prioritise key groups at risk of labour market exclusion (young people; those with no or low skills). The CESP is currently being refreshed to reflect changing conditions in the labour market.
- Employment land protections for existing sites and appropriate move on spaces for strategic key sectors have been prioritised in the Economic Strategy, and through planning directives.
- Sector specific workshops for food have been commissioned as part of the Ride the Wave series of business support workshops.

### **What we are going to do**

<b>What?</b>	<b>How?</b>	<b>£</b>	<b>When</b>
<b>Living Wage</b>	Working with the Brighton & Hove Chamber of Commerce to further promote the Living Wage with particular focus in 2015-16 on encouraging employers in the Care Sector.	£5,000 contribution from existing council budget	2015-16
<b>Entrepreneurial Behaviour</b>	To work with partners in The Coast to Capital LEP area to develop a bid to help fund business support activities, including barriers to growth for successful new businesses.	Match funding from existing council budget	December 2015
<b>Employment, Skills and Fair Wages</b>	Support for better quality and higher paid jobs will be the focus of the emerging City Employment and Skills Plan 2015-20.	Funded from existing budgets	2015-20
<b>Supporting financial inclusion</b>	Implement a community banking framework to provide accessible small scale (and into the future medium scale) finance to communities, third sector organisations and small businesses.	Funded from existing budgets and by Department of Work and Pensions.  Led by Communities Equality & Third Sector Team.	Until March 2017

### Medium and long term actions

- To work towards greater devolution over powers that can support economic growth and equity agendas in the city.
- To galvanise and engage the local business community around equity issues in the city.
- To develop more robust governance structures around new and emergent geographies of economic development and regeneration.
- To develop strategic and sustainable long-term solutions to housing and transport issues in the city and city region (through some combination of the above).

## Health and Happiness City

The council, partner organisations, communities and residents work together to support people to achieve and maintain a healthy life and to reduce health inequalities across the city.

This section includes areas of work overseen by the Health and Wellbeing Board. Since April 2013, local authorities have taken the lead for improving the health of their local communities.

### Where we want to get to

- Brighton & Hove will make the most of community assets in order to improve health and wellbeing.
- Local services will be designed with physical and mental wellbeing in mind and local people will be involved in shaping wellbeing.
- Key outcome indicators include:
  - **Differences in life expectancies:** Improve inequalities between communities across the city through greater improvements in more disadvantaged communities.
  - **Emotional wellbeing:** Improved self-reported wellbeing
  - **Promote active living:** A greater proportion of physically active adults and fewer physically inactive adults; the proportion of children and young people using active travel as their main method of travelling to and from school.
  - **Age Friendly City:** To ensure our physical and social environment promotes healthy and active ageing and a good quality of life for older residents.
  - **Reducing fuel poverty and excess winter deaths:** Increase the number of residents supported through fuel poverty initiatives and impact of interventions on individuals' ability to keep warm and well during cold weather.
  - **Improve health and wellbeing through the workplace:** Number of workplaces who are engaged in supporting employees in improving their health and wellbeing.
- Create a healthy environment by avoiding dose and exposure to pollutants prejudicial to human health most especially nitrogen dioxide (NO<sub>2</sub>) and fine particulate (PM2.5)
- Deliver the council's Air Quality Action Plan to improve prevailing air quality where people live and spend time in order to comply with nitrogen dioxide legal limits in the designated Air Quality Management Area.

### Where we are now

- The public health outcomes framework includes four self-reported wellbeing indicators. The most recent results (2012/13) for Brighton & Hove show no significant difference from the national average in the proportion of residents with low scores for life satisfaction, happiness and valuing their activities. However, a significantly higher proportion report higher scores for anxiety. Rates of mental illness are higher than the national average, both for common disorders such as anxiety and depression and severe mental illnesses.

- The local City Tracker survey shows a high level of satisfaction with Brighton and Hove as a place to live.
- The Health and Wellbeing Strategy for Brighton and Hove has five key priorities: Emotional Health and Wellbeing (including Mental Health), dementia, smoking, healthy weight and nutrition, and cancer and cancer screening.
- The Brighton & Hove Happiness and Mental Wellbeing Strategy action plan has 21 aims including promotion of the “five ways to wellbeing”: connect; be active; take notice; keep learning; give. A network of local champions is working to raise issues relevant to mental wellbeing in their own spheres of work.
- Brighton & Hove City Council is a member of WHO Global and UK Network of Age Friendly Cities and is working towards making the city age friendly.
- Supporting external businesses to promote health and wellbeing, e.g. workplace NHS Health Checks were promoted until April 2015.
- The Public Health Outcomes Framework indicator for increasing use of outdoor space for exercise/health reasons reports that from March 2013 to April 2014 Brighton & Hove came into the best/highest quintile in England for the proportion of residents utilising outdoor space for health/exercise reasons. The Health Counts Survey 2012 found that residents from more deprived areas were less likely to use parks and open spaces (46% of sample) despite having relatively good access to green and open spaces in East Brighton.
- The council and Public Health are co-producing an action plan in response to the NICE guidelines (March 2015) on “Excess winter deaths and morbidity and the health risks of cold homes.” The proposed action plan will be presented to the Health and Wellbeing Board.
- The Green Bus Fund targeted CO<sub>2</sub> emissions by enabling the purchase of 13 diesel electric hybrid buses in 2012. More recently in 2014 the Clean Bus Transport Fund successfully reduced emissions of oxides of nitrogen from local bus fleets by retrofitting 70 double decker buses with exhaust abatement equipment to reduce oxides of nitrogen including NO and NO<sub>2</sub>; as a result of feedback this fund has been extended to focus on taxis. This work by the council’s Environmental Protection Team helped deliver the bus Low Emission Zone in January 2015.
- The Environmental Protection Team and the Sussex Air Quality Partnership have delivered a successful pilot Air Alert and Heat/Cold Alert service to target vulnerable residents with information and advice.

### What we’re going to do

What?	How?	How will we fund this?	When?
<b>Promote active living</b>	Deliver a programme to increase active living (including activities such as Active for Life, Healthwalks, Take Part)	Within existing budgets. Led by the council in partnership with providers	Ongoing 2015-17
	Increase Healthy Weight in Reception and Year 6 Primary School children.	Led by Public Health within existing budgets	Ongoing 2015-17
<b>Improve health and wellbeing in the workplace</b>	Promote the Workplace Wellbeing Charter to businesses, with advice and support to achieve charter status.	Led by Health Promotion Specialist within existing budgets	Ongoing 2015-17
<b>Creating a healthy</b>	Deliver the council’s Air Quality Action Plan.	Within existing	2015-16

What?	How?	How will we fund this?	When?
environment		budgets	
Increasing use of outdoor space for exercise/health reasons	Mental wellbeing pilot initiative with South Downs National Park	£5,000 with matched funding from SDNPA  Led by SCDA, SDNPA and the council.	2015-16
	Support several Mental Health Innovation Fund initiatives which target the use of outdoor space to promote mental health	Led by Public Health Specialist within existing budgets	Completed by 31 December 2015; impact evaluation spring 2016.
Reduce fuel poverty and excess winter mortality and morbidity within the city	Continue annual Brighton & Hove Warm Homes Healthy People Programme during winter months.	Funded from council Public Health budget	Runs November - March annually
	Warmth for Wellbeing project, providing holistic advice and support sessions to at risk patients at two GP Practices.	Pilot phase within existing budgets	Pilot completed September 2015 Evaluation to be completed November 2015
Creating a healthy environment	Aim to reduce the number of dwellings in areas that exceed nitrogen dioxide limits.	Managed within existing staff resources  This work is led by the Environmental Protection Team	Ongoing 2015-17
	Undertaking Environmental Impact Assessments and commenting on pre-application planning decisions, prioritising impacts on the Air Quality Impact Areas.  Work with Planning to mitigate the impacts of roadside residential location		
	Clean Vehicle Transport Fund for taxis: working towards retrofitting exhausts on mini-bus taxis/wheelchair accessible vehicles. Project scope includes track emission testing to test the efficiency of the project.	Department for Transport funded  Work led by Environmental Protection Team	2015-16

## **Medium term actions**

- Improve infrastructure for active travel and explore funding opportunities for low emission vehicles: buses, taxis, waste fleet and construction traffic.

## **Health and Happiness Council**

This work is led by the Human Resources and Organisational Development Team, in partnership with internal teams and partners within the local and national community to create a sustainable and happy workforce.

### **Where we want to get to**

- Create a healthy workforce.
- The council aims to keep staff fit at work.
- Improve health and wellbeing through the workplace.
- Reduce sickness absence through proactive, preventive measures.
- Staff say colleagues display our values and behaviours in the way they work with citizens, clients and each other.

### **Where we are now**

- Staff wellbeing continues to be monitored through the annual staff survey. Results are discussed through focus groups/action planning to inform service business plans with agreed actions to address specific issues and embed cultural change.
- Delivery of attendance management training over the last year. 'Actions for Improvement' has been incorporated into Our People Data absence management information reports. Data is analysed and actions for improvement are identified at corporate and directorate level. This highlights the importance of management role and responsibilities in managing attendance and early intervention.
- Year one of our culture change strategy, Living Our Values Every Day, has been delivered. 74% of staff in our 2014 staff survey fed-back that they strongly agreed or agreed that our values were being lived by colleagues and managers.

### **What we're going to do**

<b>What?</b>	<b>How?</b>	<b>How will we fund this?</b>	<b>When?</b>
<b>Work in partnership with public health to improve the health and wellbeing of council staff</b>	Continue to monitor staff wellbeing through the annual staff survey. Make improvements to staff survey process from lessons learned through feedback from across the organisation i.e. cultural change programme.	Existing budget	By March 2016
	Promote an organisation-wide approach to promoting the emotional health and wellbeing of all employees.		By March 2017
<b>Provide easy access to wellbeing support</b>	Working with internal Communications and Public Health, identify appropriate signposting and support for the wellbeing of staff through a review of council, occupational health and counselling provider information.	Existing budget	By March 2016

What?	How?	How will we fund this?	When?
<b>Implement year 2 attendance management action plan</b>	Provide support and guidance to management in terms of clarifying process. Improve/develop skills required to positively improve and manage attendance; create and communicate toolkits to support the process.	Existing budget	By March 2016
	Benchmarking with other local authorities.		
<b>Implement year 2 of the culture change strategy</b>	Focus on: <ul style="list-style-type: none"> <li>• performance management with consequence</li> <li>• increasing the Organisational Development capability across the organisation</li> </ul>	If required additional funding will be sought from the Modernisation Delivery Board.	By March 2017

### **Medium and long term actions**

- A reduction in sickness, to ensure the council is in the upper quartile of our comparator benchmarking authorities.