

Brighton & Hove's Sustainability Action Plan

Forewords

If everyone on the planet used the same amount of resources as we do in Brighton & Hove, we'd need three and a half Earths to keep going. It's just not sustainable for us or anyone else on the planet to go on at this rate.

One Planet Living is a clear set of ten sustainability principles put together by the organisations BioRegional and the Worldwide Fund for Nature, which set out how we can live and work within a fair share of our planet's resources. Many of the environmental principles are familiar - such as reducing waste, energy efficiency, supporting wildlife and creating more a sustainable transport system. Much progress has been made in these areas over the last few years, and they're widely recognised as goals we want to achieve for everyone's benefit.

However One Planet Living also incorporates social and economic sustainability - such as sustainable materials, local food, water use, culture and community, equity and the local economy, and health and happiness. It's a clear framework that we can use to build on the progress that's already been made towards sustainability - and use to set out ambitious goals to go even further.

This sustainability action plan outlines how we will use One Planet Living to meet two of the council's key priorities - creating a more sustainable city and modernising the council.

It's a challenging time for the public sector, but we're not going it alone. Our partners in the city are working with us to shape a 'One Planet City'. Together we can boost the local economy, become more resistant to price hikes in energy, fuel and food, and foster a more equal and healthy city.

Jason Kitcat

Leader, Brighton & Hove City Council

My brilliant predecessor Roger French raised the need to tackle the city's high ecological footprint in Brighton & Hove first Sustainable Community Strategy nearly seven years ago.

As ever, Roger was ahead of the game, just as he has been in leading the city's bus company, which has helped the city buck the national trend by carrying more and more bus passengers year-on-year for more than a decade.

So it's great to see that kind of ambition reflected here in the city's first comprehensive Sustainability Action Plan.

There's no doubt we need to create an increasingly resilient, self-sufficient and resource-efficient city, in support of a prosperous local economy. We've plenty of strengths here already, and this plan sets out how we're going to develop more over the next three years to develop a sustainable future for Brighton & Hove,

The extensive and positive contribution of city partnerships in drawing up this plan has been really impressive. The significance of One Planet City status to our City Deal bid to government is too soon to judge yet, but the framework has already helped shape our collective vision to boost sustainable growth in the wider city region economy.

It also forms the backbone of the sub-regional Biosphere Reserve bid to UNESCO: One Planet Living is our approach to sustainable development in a bid that should secure the city region special status for its world class environment. These designations are significant not just for our visitor economy but also for enhancing our unique inward investment appeal.

We want to see this plan implemented quickly now, so Brighton & Hove can back up its reputation as a sustainable city with visible and tangible progress. The Strategic Partnership will do everything it can to help.

Tony Mernagh
Chair, Brighton & Hove Strategic Partnership

We are delighted that Brighton and Hove has become the first One Planet City. This inspiring and forward thinking Sustainability Action Plan starts to set out how that will be achieved and paints a picture of a better quality of life, job creation and cost savings for Brighton and Hove's residents and businesses.

One Planet Living is a global initiative and BioRegional is working with partners all around the world who have made this commitment, sharing lessons learned and even developing projects together. Brighton and Hove joins a network of world class leaders, from B&Q, Bicester eco-town and the London 2012 Olympics in the UK to sustainable communities and businesses in China and the USA.

We've been working in the city since 1999 and in 2005 we started to build the 172 apartment One Brighton Community by the main station with Crest Nicholson PLC and Quintain Estates and Development PLC. Completed in 2010, One Brighton has pioneered one planet living in Brighton and Hove and has naturally led to us working more closely with the Council.

Brighton and Hove is a place where you can see the level of innovation and commitment to sustainability all around you, from the City council to the many thriving enterprises and community activists. This Action Plan brings a welcome recognition of what has been achieved and points the way to a happy and prosperous future.

Sue Riddlestone OBE
CEO & Co-founder, BioRegional

Introduction

This plan is designed reduce the city's ecological footprint – the amount of natural resources the city needs – and to make Brighton & Hove a more resilient city with a better quality of life, fit for the future through ingenuity, efficiency, technology, partnership working and behaviour change.

It sets out a long-term vision and a wide range of new measures that stretch the ambition in all areas of activity. It's a platform for securing new investment and grant funding by setting out a vision for the city's sustainable future and what the key projects we need are. One Planet Living here will be rooted in the creation of a green growth economy, aligned with the refresh of the city's economic strategy. This will help us build economic resilience against the increasing costs of energy, food and resources.

Internationally-respected sustainable development organisation, BioRegional endorsed Brighton & Hove as the first One Planet City. The charity set the [specification](#) using common international targets so will also undertake an independent review of our progress in delivering the plan after 18 months.

The plan belongs partly to the council and partly to the city's strategic partnerships – together they will oversee its continued development, its implementation and monitoring to check what the actions in it achieve.

Good governance will ensure the Plan is implemented. The city's partnerships have been central to developing the plan with the continuing support of the council. These partnerships will need to work closely together, supported by a small high level city-wide steering group. The council's City Regeneration Unit will support programme management.

The One Planet Living approach

The One Planet approach breaks down sustainability into ten principles, developed by BioRegional with WWF, that provide a clear framework for action,

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

Reviving local identity and wisdom; support for, and 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

Actions across these principles will also help implement the city's Climate Change Strategy, with its focus on including low carbon economy, low carbon homes and buildings', low carbon transport, sustainable energy and a city adapting well to climate change.

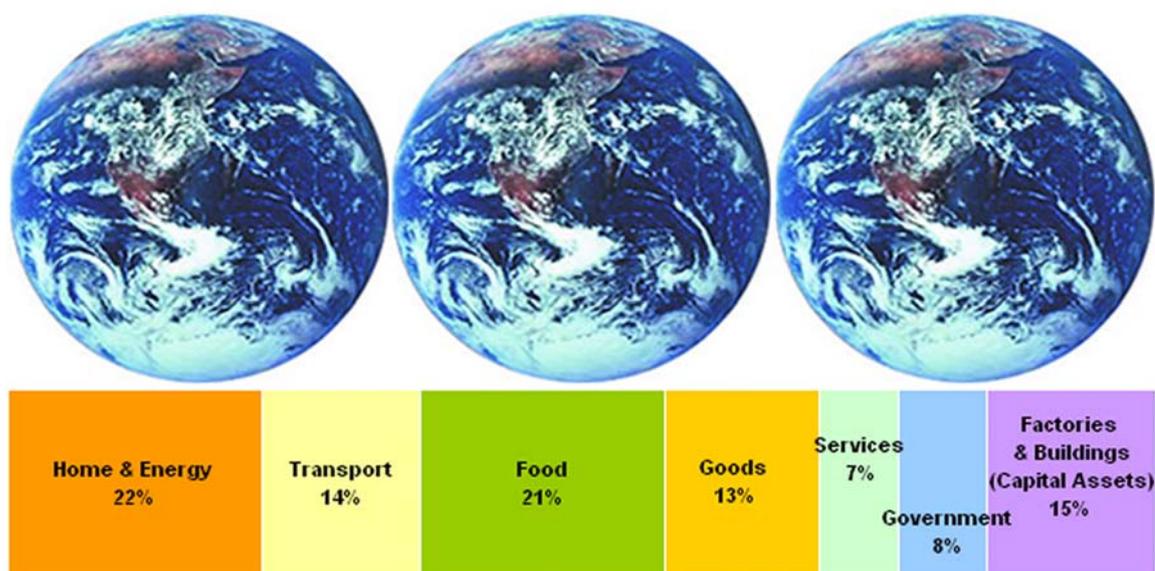
A behaviour change campaign will target residents, city organisations and staff within the council. More One Planet Living community engagement and neighbourhood work will be undertaken, to help residents address their priorities,

A large number of city stakeholders and groups as well as council staff – some taking on additional responsibilities as “Principle leads” and authors – have contributed to this plan and many more made comments during a further development phase – a big thank you to all of them.

We need their involvement and yours now in making sure that together we deliver this plan to create a more sustainable city and modernise the council using One Planet principles.

One Planet Living – the case for action

If everyone lived like we do in the UK we would need more than three planets. Our consumption can be broken down into percentages as well.



In Brighton and Hove it's estimated we live like there are three and a half planets – we have one of the biggest “ecological footprints” in the country – and hence in the world.

Ecological footprint is a measure of human demand on the earth's ecosystems; it is a way of measuring demand for natural assets that can be contrasted with our planet's capacity to regenerate. Humanity's total ecological footprint is at least 1.5 planets – this could be described as living off the earth's “capital” as well as the “interest” so is clearly not sustainable. The impact of this can be seen in everything from species loss and extinction, to climate change, pollution, deforestation, desertification and over-fishing.

The City's [One Planet Framework](#) agreed by the Brighton & Hove Strategic Partnership last year showed the following area of productive land would be needed to support the city population's consumption patterns:



So Ecological Footprint has been chosen as the headline sustainability indicator for Brighton and Hove and we've pledged to reduce it and work towards One Planet Living here by 2050.

The city's planned trajectory i.e. doing all the things we've *already* set out in all our existing plans and strategies

- won't meet our ecological footprint targets
- Is about incremental change
- Is already challenging!

A 'One Planet' trajectory:

- is what is required to meet our Ecological Footprint targets.
- goes beyond existing commitments
- requires big 'step' changes in the way we do things
- depends largely on more vigorous / ambitious interventions.
- means deep partnership working
- is very challenging!

'The aim of the One Planet Initiative is to create a future where it is easy, attractive and affordable for people to lead healthy and happy lives within a fair share of the earth's resources – One Planet Living' – BioRegional

The following sections, set out against each of the ten One Planet Living Principles and usually with sections for both the council and the city, show how we're performing already, what our ambition is, and what we'll be doing to start to meet that ambition.

Zero Carbon

This follows Bioregional guidance to focus on energy efficiency and renewable energy, with a vision for all council-owned buildings to be net zero carbon, powered and heated by renewable energy by 2025 and the city adopting a zero carbon trajectory.

Zero Carbon – One Planet Council

This work is led by Property & Design in the council, and is reported through the council's Organisational Health Report and Carbon Budget framework information in budget reports.

High level objectives – where we want to get to

One Planet Council:

- The council will set an accurate energy consumption baseline for its buildings by installing Automated Meter Reading devices and then look to set specific reduction targets
- Continue to set annual 4% reduction target via council carbon budgets
- Buildings over which the council has direct influence will be energy efficient
- Reducing wasted energy will be the responsibility of all staff
- Where BREEAM is not required new buildings and refurbishments will be designed to minimise energy demand by using a sustainable design checklist
- The council will set an accurate renewable energy baseline by ensuring all new renewable installations are monitored
- On-site renewable energy technologies will feature in new build and existing buildings where economically and practically feasible.
- Electricity supply will be sourced from genuine renewable sources

Where we are now

One Planet Council:

- 3.3% reduction of total CO2 emissions between 2010/11 and 2011/12 (buildings, fleet, travel, street lights)
- Carbon footprint for our buildings is currently based on both actual meter readings and estimated readings which gives a partial picture of actual energy consumption
- 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.
- Investment in street lighting to enable energy efficiency

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet Council:			
Implement Building Sustainability	Pilot – Spring 2013	Property & Design and	Costs will be built into reactive and

Healthchecks programme	Ongoing programme of regular health checks integrated into Premises work schedule with one planet champions	Sustainability Team	term maintenance budgets. Officer time absorbed into current budgets. Will result in ongoing savings that will be quantified as the scheme progresses.
Implementation of Automated Meter Reading programme within prioritised council portfolio	Out to tender January 2013 Implementation programme throughout 2013/14	Property & Design and Housing	Total investment of £500,000: £307,000 investment from reserves, £90,000 from schools and £100,000 One Planet Living reserve. Savings will be generated through more efficient monitoring and a reduction in CRC (total for 2012 estimated at £250,000).
Continue to deliver the street lighting energy efficiency programme and review after 2014/15	2013/14 continue to deliver programme to deliver 4% reduction of emissions 2014/15 review programme and funding	Street Lighting Team	Up to £3.0 million investment through the Local Transport Plan (2012/13-2014/15) and £300,000 spend to save investment in current year's capital programme.
Develop and implement new build and refurbishment energy efficient design standards for all council building projects, aligned with Planning Policy	Checklist to be used on all relevant projects from March 2013	Property & Design	Unknown until projects established.
Develop targeted detailed council building energy efficiency plans. Calculating carbon savings are part of this process.	2013 target buildings: energy audits complete by April 2013 and action plans for implementation agreed. Ongoing programme of	Property & Design	One off £60,000 from existing One Planet Living allocation, for technical corporate energy surveys. Further investment will be required on a case by case basis, likely to be spend-to-

	audits and development of action plans during 2013/2014		save. Will result in ongoing energy cost savings.
Deliver energy efficiency and renewable technology programmes for council housing stock, via capital investment and engagement with tenants	Ongoing programme	Housing	Housing Revenue Account Capital Programme 2013-16 includes £22.6 million for sustainability and carbon reduction programmes such as heating, insulation and Solar PVs. Will result in ongoing savings to energy bills and minimise number of households suffering from fuel poverty.

Medium to Long term activity

- Appraise options for encouraging additional renewable energy generation through council electricity and gas suppliers, options to be considered when procuring utility contracts.
- 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.
- Embed sustainability into the ICT Strategy in line with the Greening Government ICT strategy, including: rationalisation, consolidation and information management.

Zero Carbon – One Planet City

The Zero Carbon – One Planet City action plan focuses on energy efficiency in all buildings and renewable energy generation where appropriate. This plan incorporates findings from the Brighton & Hove Renewable and Sustainable Energy Study.

Building on the Council's previous successes with energy efficiency projects, this action plan steps up the City's commitment to meet ambitious carbon reduction targets. Present aims are to achieve a 42% reduction in CO₂ by 2020 and an 80% reduction by 2050, from a 2005 baseline of 5.7 tonnes per capita.

High level objectives – where we want to get to

Vision:

- The energy hierarchy (demand reduction, energy efficiency, renewable energy) is applied to all areas of energy consumption and wasteful consumption is avoided
- Energy efficiency and Low and Zero Carbon technology is promoted in new buildings and all existing buildings, where practically and economically feasible

New build:

- Ensure new domestic developments meet Code for Sustainable Homes level 4 from 2012 and level 5 from 2016.
- By 2018 new developments and new homes in particular should emit no net CO₂ from energy use over the course of a year, thus meeting Code for Sustainable Homes level 6.

Existing buildings:

- Existing domestic and commercial properties will significantly increase energy efficiency via retrofit solutions funded by the Green Deal or similar funding mechanisms.

Renewables:

- On-site renewable energy technologies will feature in new build and on existing buildings where feasible
- 15% of the city's energy to be generated from renewable technologies by April 2020 using a combination of solar PV, renewable heat, wind, combined heat and power, anaerobic digestion and biomass. This target will be informed by recommendations and the subsequent delivery plan from the City Sustainable & Renewable Energy Study produced by AECOM in Jan 2013

Overall:

- BioRegional's target is net zero carbon for local authority buildings by 2025. For the wider City we need to quantify the trajectory of the existing CO₂ reduction plans and that needed to achieve net zero carbon. We will then identify projects, solutions & budget to achieve this.
- We will use findings from the Brighton & Hove Renewable and Sustainable Energy Study, to help identify potential local renewable energy projects.

Findings from the report will also be used to guide carbon reduction initiatives for new and existing buildings. A series of workshops is scheduled to develop the delivery plan further from April 2013 onwards.

- The AECOM study covers the period of the City Plan (2013-2030) and has three focus areas:
 - Low and zero carbon energy generation – identifying opportunity areas for low and zero carbon energy technologies
 - New buildings – projecting emissions from new development over the period of the City Plan
 - Existing buildings – investigating the potential for energy efficiency measures and microgeneration
- Funding mechanisms such as the Green Deal and Energy Company Obligations (ECO), will be explored and promoted to help finance measures for existing buildings.
- We want to make it easier for people to reduce the environmental impacts of the buildings they use, reduce CO₂ and save money. We recommend that Brighton & Hove City Council therefore review planning policies to aid this change.
- We have a large number of poorly insulated flats and houses, with approximately 42% of city carbon emissions come from our housing stock. We will investigate ways of significantly reducing carbon emissions from existing buildings.
- As a One Planet community we will aim to reduce CO₂ emissions by supporting projects across the City that help individuals, organisations, local community groups and companies adopt a trajectory towards zero carbon.
- We will establish a cross-sector working group from large city employers and organisations to improve understanding of CO₂ reduction in the city on a practical level, e.g. by sharing partner's annual CO₂ reductions and mapping the impact of CO₂ reduction projects in the city.
- We recommend that Brighton & Hove City Council, as a trusted 'third party', run communications and community engagement programmes to groups, individuals and businesses across the City, to promote carbon reduction initiatives.
- It is proposed that this work is led by the City Sustainability Partnership, through its Sustainable Energy Working Group which worked to develop this action plan. The Group will work collaboratively, especially with the other Principles where they have a carbon impact.

Where we are now

One Planet City:

- Fuel poverty rose to 13.5% in Brighton & Hove in 2010, this is higher than the South East average

- In the five years 2005 to 2010, the city's measured CO₂ emissions fell by 12.28% against a target of 20%.
- Brighton and Hove's CO₂ emissions from buildings are 57% Domestic and 43% industrial and commercial.
- The reduction in domestic CO₂ emissions was 7.77% against 5.17% for the SE and 6.34% for England as a whole.
- This is because the age profile of Brighton & Hove's housing is older than the national picture with 66% built before 1945 compared to 43% in England as a whole. Many of the older homes have solid walls and thus harder to improve energy efficiency. There are significantly more converted flats and fewer owner occupied homes (62% compared to 71% for England) and a much higher privately rented sector at 23% compared to 11% for England.
- Because of these characteristics many of the private sector properties are seen as 'hard to treat' in relation to standard energy efficiency measures, and the number of heritage buildings in the city is also a factor in this.
- The city council has a strong role in delivering home energy efficiency improvements across both the council housing stock and the private sector. Across private sector housing the Brighton & Hove Energy Action Partnership (BHEAP) has delivered home energy efficiency measures to some of the most vulnerable residents in private sector housing, including more than: 1400 loft insulations; 1100 cavity wall insulation; 1500 heating measures; and 150 solar water heating systems. The experience from these installations provides a great platform from which to significantly scale up the level of energy efficiency measures across the City.
- Following the Comprehensive Spending Review in 2010 funding for private sector housing renewal ended. A grants and assistance programme has been maintained over the last two years through carry over of funding and borrowing, however there is no funding identified for a programme in 2013-14 and so Green Deal/ECO programmes are being developed.
- Brighton & Hove City Council, Brighton Permaculture Trust and Low Carbon Trust run an award winning annual event called Eco Open Houses that aims to inspire the uptake of energy efficiency measure 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.
- Public service organisations in the city, including Sussex Police, the University of Brighton and the Sussex Community NHS Trust, and social housing providers are amongst the large employers all running significant carbon management programmes and there is real potential for further collaboration, with the bigger private sector employers too.
- Green Deal Pioneer Places scheme secured government funding to install up to £10,000-worth of home-energy improvements in 10 Brighton & Hove households throughout the city and carry out 100 Green Deal assessments — at no cost to residents. This is a collaboration between Brighton & Hove

City Council, working with partners Brighton and Hove 10:10, The Green Building Partnership and Low Carbon Trust.

- Brighton City Council along with Communities Matter also won up to £200,000 and DECC funding for Fuel Poverty projects in Brighton & Hove
- Brighton Energy Co-operative successfully launched its community renewable energy generation project and raised £230,000 from local residents. Three community solar systems have now been installed in the Brighton area, generating a total of 137,000 kWhs which is fed onto the grid.
- Brighton and Hove Energy Services Co (BHESCO) has recently been launched. This social enterprise 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.

This principle is about CO₂ emissions from buildings but we are also working to reduce CO₂ from lots of different sources: CO₂ from transport is addressed in the Sustainable Transport principle, CO₂ from food in the Local and Sustainable Food principle and the CO₂ used to make goods is covered in the Local and Sustainable Materials principle.

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet City:			
<p>Set up a sustainable energy group to enable sharing of best practice, resources and knowledge to implement energy efficiency & renewable energy solutions in business, community & public sector organisations.</p> <p>Sharing of knowledge and reporting in-line with Zero Carbon Vision (demand reduction, energy efficiency, renewable energy, Low and Zero Carbon technology)</p> <p>Group to monitor Government/National supportive framework and sources of funding e.g. RHI, FIT, Green Deal, Solar, and Anaerobic Digestion to ensure opportunities for renewable installations are acted upon.</p>	Members to report back quarterly on Renewable Energy Installations they have installed or influenced.	CSP, SEWG	Group administration met from within existing budgets. Implementation budget will need to come from individual organisations
Encourage use of Energy Company	2,000 Green Deal	BHCC,	Implementation

<p>Obligation and Green Deal (or alternative source) funds to retrofit energy efficiency in <u>homes</u> to achieve CO₂ reductions.</p> <p>Align with Council Energy Efficiency programme.</p>	<p>sign-ups per year with 24,000 installations completed by 2025.</p>	<p>partner organisations</p>	<p>met within existing budgets with funding through the Green Deal or alternative initiative</p>
<p>Encourage use of Green Deal (or alternative source) funds to retrofit energy efficiency in <u>businesses</u> to achieve CO₂ reductions.</p> <p>Align with Council Energy Efficiency programme.</p>	<p>100 Green Deal sign-ups per year with 1,300 installations completed by 2025</p>	<p>BHCC, partner organisations</p>	<p>Implementation met within existing budgets with funding through the Green Deal or alternative initiative</p>
<p>Develop Green Deal Programme:</p> <ul style="list-style-type: none"> - Decide BHCC role - Develop procurement programme - Awareness raising and promote uptake, with educational campaign to private landlord groups and letting agents in liaison with strategic housing partnership, plus area- based community campaigns and peer to peer work. <p>Ensure local suppliers in council procurement policy, as this will boost job creation and development of local skills. Seek further guidance from government for inclusion of local companies.</p>	<p>November 2013 contract start</p>	<p>Housing Commissioning, BHCC</p>	<p>Implementation met within existing budgets and using Green Deal loan finance for householders.</p>
<p>Ensure optimal use of ECO funds to retrofit energy efficiency in 'hard to treat' homes to achieve CO₂ reductions – in particular solid wall insulation. In order to ensure the City benefits, the ECO opportunity should be part of One Planet Living communications.</p>	<p>ECO runs until 2015. Minimum of 1,000 sign-ups per year thus 3,000 homes benefiting</p>	<p>BHCC, partner organisations</p>	<p>Funded through energy companies</p>
<p>Develop short study into solutions for hard to treat buildings such as conservation/listed buildings e.g. use of internal insulations such as dry walling. Work with developers to ensure Code for Sustainable Homes targets can be met for these buildings.</p>	<p>Create working group April 2013. Run test study April - September 2013</p>	<p>BHCC, Planning, Developers, Civic Society, SEWG</p>	<p>Up to £5,000 sought for study on solutions for 'hard to treat' buildings</p>

<p>Review local permitted development policy in relation to conservation and listed buildings for energy efficiency and renewable energy.</p> <p>Align with study into 'hard to treat buildings'</p>	<p>April- September 2013</p>	<p>BHCC, Planning</p>	<p>Within existing budgets</p>
<p>Work with developers to ensure best practice in energy efficiency and the use of renewable energy – revise SPD for sustainability standards and adopt enhanced standards through the City Plan. Code for Sustainable Homes for domestic. BREEAM for non-domestic.</p> <p>Ensure Code levels are a requirement of planning policy for Code to be enforceable (otherwise code is voluntary).</p>	<p>2013 – 2019 As per City Plan targets (See section below: City Plan: <u>CP8 Sustainable Buildings Targets</u>)</p>	<p>Planning, BHCC</p>	<p>Within existing budgets.</p>
<p>Work with local and national charities to help ensure the vulnerable e.g. elderly benefit from energy efficiency measures to their homes, to help ensure they stay warm, while reducing excess winter deaths and associated ill-health problems.</p> <p>Form B&H Cold Weather Plan in line with National Cold Weather Plan.</p>	<p>Multi agency brief in April 2013 & target setting</p>	<p>BHCC, Sustainable Energy Group, charities, Housing Associations, All Party Parliamentary Group on Energy Efficiency and Fuel Poverty</p>	<p>From government's Warm Homes, Health People fund</p>
<p>Expand and improve Eco Open Houses events to support householders to reduce carbon emissions across the city. Annual event to be delivered and a visitor support programme. Partnership planned with the Eco Technology Show for June 2013.</p>	<p>Target of 20 houses - 1,500 to 2,000 visitors in 2013</p>	<p>Eco Open Houses team; Low Carbon Trust, Brighton Permaculture Trust, BHCC Planning</p>	<p>External funding to be sought and options being explored – estimated cost at £20,000 per annum.</p>
<p>Deliver a programme of workshops for city businesses to deliver actual measured carbon savings.</p> <p>Look to create partnerships with private organisations, local co-operatives, community and</p>	<p>Identify solution providers and funding secured by Sept 2013. 1st wave delivered to 30 businesses by March 2014</p>	<p>BHCC, Partner Organisations</p>	<p>External funding to be sought with funding options being explored through DECC or European sources</p>

voluntary sector organisations.			
Promote citywide energy buying club, which will enable householders to collectively switch to get better prices for electricity and gas and potentially secure energy efficiency and renewable investment.	Aim for decision on buying club partner by Sept 2013	BHCC, Partner Organisations	Met through existing budgets as BHCC will act as promotion partner.
Run communications and community engagement programmes to groups, individuals and businesses, to promote carbon reduction initiatives.	Ongoing	BHCC, partner organisations	Within existing budgets

CP8 Sustainable Buildings Targets

In relation to the action above 'Work with developers to ensure best practice in energy efficiency and the use of renewable energy' - The table below sets out timeline targets for the development of sustainable buildings. As set out in the City Plan, these targets utilise Code for Sustainable Homes for New Build Domestic and BREEAM ratings for New Build Non-domestic and Existing Buildings.

Unless it can be demonstrated that doing so is not technically feasible and/or would make the scheme unviable; all development will be required to achieve the minimum standards as set out below or equivalent standards from a quality assured scheme:

	Development size			Post 2016	Post 2019
	2013-2016				
NEW BUILD	Non-major	Major	Greenfield	All	All
Residential Code for Sustainable Homes	Level 4	Level 5		Level 6	
Non-residential BREEAM	Very Good	Excellent			Outstanding
CONVERSIONS	Non-major (3-9 units) and Major				
Residential	BREEAM Very good				

Source: City Plan January 2013

Medium term

- Develop feasibility study for Anaerobic Digestion plant linked to city food waste collection plans.
- Wireless City, Superfast Broadband. These platform and infrastructure enablers will help Brighton & Hove move towards becoming a smarter City, with solutions/applications for lowering energy usage as a possible outcome and also support tele-commuting

- Encouraging workplace based sustainability champions within council and private sector. Champions could promote sustainability in the work place and look for opportunities for improvement. Cross council/company networking to share knowledge gained.
- Council to promote local renewable energy generation and to promote renewable energy procurement and best practice to individuals and businesses. Such actions will influencing the grid energy mix
- Council to recommend any new development should be predominantly powered by renewable energy

Long term

- Seek funding to deliver recommendations for micro-generation and district heating and power networks.
- Based on experience working on Rampion, consider other large-scale projects with private investors and community generation schemes
- Consider use of development sites highlighted in City Plan as locations for exemplar renewable installations e.g. district heating and solar. An example would be installing a district heating system as part of the new proposed development at Toad's Hole valley. Use locations as a test-bed for new innovations, which could draw down funding.
- Grid decarbonisation - National government. Achieving carbon reduction targets at the local level also relies significantly upon delivery of national government's plans to decarbonise the electricity grid as well as upon local action.

Zero Waste

This follows a vision of efficient use of resources, reducing waste levels close to zero, and ultimately to send no waste to landfill.

Zero Waste – One Planet Council

This work is led by Property & Design in the council and is reported through the Organisational Health Report.

High level objectives – where we want to get to

One Planet Council:

- Waste reduction programme to be implemented with waste reduction targets set and reviewed annually
- The principles of reduce-reuse-recycle are implemented across the organisation and all staff take a responsibility for this
- 85% recycling rate on internal operations within 3 years
- Over 90% of waste by weight generated by council construction and demolition work will be reclaimed or recycled.

Where we are now

One Planet Council:

- Corporate waste contract includes the collection of most waste streams including: paper, cardboard, plastic bottles, glass, & hazardous waste
- 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.
- To date, detailed data on actual waste produced from council buildings has not been known as the technology has not been in place to be able to provide accurate waste information. However, the weigh bridge technology is being installed on the waste trucks now, so we will have this information imminently.
- The council has received a national award for cutting waste from construction and demolition sites plus getting contractors to reuse and recycle timber, metal, hardcore, soil and packaging.
- Waste recycling in all council construction projects currently measured and independently verified.

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet Council:			
Identify how much waste is currently produced in all council buildings and schools	New weighing equipment to be installed on vehicles during March 2013	Property & Design	None to BHCC. Any additional expenses will be picked up by

	Monitoring from April 2013		waste contractor.
Design and implement a waste reduction programme using baseline data and set annual waste reduction targets. Trial Warpit software.	Baseline to be set following weighing equipment, April 2013. Launch Warpit software 1 May 2013. Design and implement waste reduction programme as part of one planet behaviour change campaign during 2013.	Property & Design and Communications Team	Funded from existing budgets with potential savings anticipated on waste contracts.
Audit other waste contracts to ensure all are working to meet council waste reduction targets.	Work towards ensuring the majority of contracts are combined is ongoing.	Property & Design	None expected – but there could be minimal costs that are picked up by existing Premises Team budget.
Implement Building Sustainability Healthchecks programme and action plan	Pilot – Spring 2013 Ongoing programme of regular health checks integrated into Premises work schedule with one planet champions	Property & Design Team and Sustainability Team	Costs will be built into reactive and term maintenance budgets. Will result in ongoing savings.
Improve reuse and recycling facilities in council buildings including food waste collections	Integrate 'reduce, reuse, and recycle' into behaviour change campaign, 2013. Trial Warpit software from May 2013. Pilot food waste collection at Moulsecroomb Hub from May 2013.	Property & Design, BHCC	Behaviour change commission costs funded through One Planet Living reserve (£30,000 overall). Currently not known, business case to be developed. Costs will be considered annually.
Extend the average lifespan of desktops to 7 years from 5.	This is an ongoing programme	Corporate ICT team, BHCC	Savings anticipated. This will be included in Workstyles 'Phase 2' and Accelerated Workstyles Strategy & longer term ICT strategy.

Best practice standards in waste minimisation during construction will be promoted and employed. Apply Reuse - Deconstruct - Demolish hierarchy for all construction waste.	Ongoing.	Property & Design and the Strategic Construction Partnership	Varies from project to project
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Zero Waste – One Planet 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’.

The plan is for this to be led by the City Sustainability Partnership (CSP), through a new Waste & Materials group (WAM below). The new group is developing its remit and membership to better reflect the full scale of the city’s wider waste stream. The group will also lead on city Sustainable Materials work due to the strong links.

High level objectives – where we want to get to

One Planet City

- Promote reuse and recycling to high value uses, including closed loop recycling (see also Sustainable Materials)
- 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.

Where we are now

One Planet City:

- Domestic Waste Management Strategy adopted (reviewed May 2012)
- Residual waste (the non-recycled ‘black bag’ collection) per household reduced from 656kg to 577kg over the last 5 years.
- Kitchen and garden organics account for 45% of household waste thrown away.
- 28.1% of household waste was recycled or composted in 2011/12 (vs average of 42% in England).
- 45% of household waste was diverted to energy recovery in 2011/12
- 25% of household waste was sent to landfill in 2011/12, down from 45.6% in 2010/11.
- Built comprehensive waste infrastructure to divert waste from landfill – Materials Recovery Facility (Hollingdean); an ‘In-Vessel’ composting facility; Energy Recovery Facility (Newhaven).
- Ongoing work to reduce food waste with the Food Partnership.

- Brighton Paper Round is now operating a food waste collection service with 70 businesses signed up so far and collecting 20 tonnes per month.
- Trialled communal recycling for 3,200 households with 70% increase in recycling weight collected.
- 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

Action	Dates	Led by	Financial Implications
One Planet City:			
<p><u>Increasing Re-use</u> Work with the charities and community sector to promote re-use, through online schemes and business partnerships.</p> <p>Maximise re-use and local income from textiles via bring banks and local charities.</p>	<p>Baseline data consistent with emerging national methodology on reuse (from WRAP) to be produced by end 2013.</p> <p>Annual report to WAM.</p>	BHCC & others	Funded from within existing budgets.
<p>Open further re-use facility at Brighton Household Waste and Recycling Centre.</p> <p>Promote re-use charities and partners, e.g. working with Universities.</p>	<p>2013</p> <p>Veolia data: WAM annual report</p>	Veolia	Funded from within existing contract budget.
<p><u>Increase recycling rates</u> Roll out communal recycling to the whole of the communal bin area, subject to the outcome of the Brunswick and Adelaide trial, consultation and funding.</p> <p>Assess feasibility of collecting foil, mixed plastics and other materials by 2015</p> <p>Incentive-based campaign to increase recycling in the worst performing areas, working with the community and voluntary sector where appropriate, to 2016</p>	<p>Communal recycling by 2016</p> <p>By 2020/21, Brighton & Hove will be recycling or composting 50% domestic waste, 50% of Construction and Demolition waste and 70% Commercial and Industrial waste,</p>	BHCC	£44 is saved for every tonne recycled rather than used to generate energy. Business case for mixed plastics being developed.
<p><u>Increase composting rates</u> (see also Food action plan)</p>	<p>20 groups by 2015</p>	BHCC	From within existing

Encourage community composting schemes for food and garden waste. Food Partnership and council campaign to promote subsidised home composters and digesters		and Food Partnership	budgets
<u>Commercial and other Waste producers</u> Launch council commercial refuse collection trial.	2013	BHCC	Self-funded.
<u>Waste Minimisation and Prevention</u> (see also the sections on Food and on Materials) Support the food waste reduction campaign by the Food partnership and BHCC.	Food partnership to report on progress to WAM		From within existing budgets

Medium and Long Term Actions

- Continue to explore funding opportunities for food waste collection.
- Trading standards will engage with retailers to reduce packaging, but the most effective actions will be around consumer behaviour campaigns – to reduce consumption, buy durable products and re-use where possible.
- Medium term target - by 2020/21 household residual waste reduced to 571 kg
- Long term target of 542 kg residual waste per household by 2025/26.
- Trial self-funding commercial recycling service.
- Develop joined up approach with the SE7 group of neighbouring authorities to improve sustainability of managing all waste streams – household, commercial, industry and construction waste. Identify infrastructure and opportunities for recycling and re-use of materials. Develop business case for joint working.

The indicators for Waste are the targets for recycling and waste reduction above. Re-use indicators are being developed as part of the Sustainable Materials section. Other indicators will also be reported, based on the household waste management strategy.

Sustainable Transport – One Planet Council

High level objectives – where we want to get to

One Planet Council

- To provide more opportunities for staff to travel sustainably throughout the working day.
- To enable walking, cycling and travelling by public transport to become the norm, and to reduce the need to travel to and during work.
- To inspire and influence contractors, businesses and local organisations to travel sustainably, through leading by example.

Target: We aim for zero carbon travel at work, with year on year reductions in emissions, and targets set via council carbon budgets.

Where we are now

One Planet Council:

- Nearly three-quarters of staff travel to work by sustainable modes. This includes 26% who walk, 23% travelling by bus, 12% cycling and 3% travelling by train. 28% of staff travel to work by car (single occupant).
- 70% of staff travel by sustainable modes for work-related journeys, with more staff travelling by bus for work than any other mode. One fifth walk for work-related journeys and a similar proportion use a private vehicle. The council's carbon footprint for work-related travel in 2011/12 was 836 tonnes CO₂, a 20% reduction on the previous year.
- The council is gradually replacing its fleet with lower emission vehicles.
- Technology to enable staff to work from different locations is being introduced and will reduce the need to travel for work for some teams.

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet Council:			
1. Governance Revise staff parking permit policy and develop department-specific travel plans.	Staff parking permit policy 2013; Departmental Travel Plans 2014.	Transport Planning	Absorbed within existing budgets.
2. Improve Buildings Provide travel facilities, including cycle facilities, lockers, bike parking, bus real time information monitors, showers, electric bays.	Annual programme: Extra cycle parking King's House 2013; Buildings programme 2014.	Transport Planning, Property & Design.	Estimated cost of £100,000 over 3 years. To be funded through charges for council staff parking permits.
3. Support Staff Programme of initiatives to support staff to avoid travel and to travel sustainably, including walking promotion, pool bikes,	Every year: All induction courses include travel. Annual 'Green	Transport Planning	Estimated cost of £15,000 over 3 years. To be funded through charges

cycle training, bus passes, car club use, driver training and personal travel planning.	Travel Week' to promote programme.		for council staff parking permits.
4. Improve Fleet Eco-tracking, vehicle replacement and pilot zero and low carbon vehicles.	Annual programme.	Fleet Management with fleet-using departments.	Funded through existing budgets and Government grants.
5. School Transport Rationalise school transport in the city.	Short to medium term.	Transport and Schools Commissioning	Funded through existing budgets; will result in savings.

Medium – long term

- Support businesses to introduce new technology to reduce the need to travel.
- Review options for vehicle replacement policy.
- Consider zero carbon and carbon negative options.

Indicators

- Proportion of journeys at work on foot, by bike, public transport and by car.
- CO₂ emissions from travel at work.
- Mode of travel for commuting.

Sustainable Transport – One Planet City

This work is led by the Brighton & Hove Transport Partnership.

High level objectives – where we want to get to

One Planet City

- To enable people to travel more sustainably by supporting active and healthy travel, such as cycling and walking.
- To increase the use of low emission forms of transport and help people to avoid travel with technology.
- To minimise the impacts of transport-related air and noise pollution on people, and the natural and built environment.

Where we are now

One Planet City

- Brighton and Hove is the UK city second least dependent on the car, of 26 cities scored by the Campaign for Better Transport, and we are the best for public transport. The City Car Club has 60 vehicles here and private car ownership is the lowest (per household) in the South East. We have the highest proportion in the South East of people walking to work and the second highest travelling by bus, minibus or coach. We had the highest growth rate in cycling to work 2001 – 2011 outside of London, and over the decade the proportion of people travelling to work by car, either as a driver or passenger, fell from 56% to 41%.
- However, our road transport carbon dioxide emissions (per person) are still in the highest half of all English cities. Transport contributes 26% of city CO₂ emissions.

- Brighton and Hove is a well-established place for travel innovation. A wide range of initiatives are underway led by residents, charities, businesses and the council. For example, residents' groups are trying "Playing Out" schemes to make quieter streets also available for recreation; Sustrans, Bricycles and the Bike Train support schools and others to take up and to keep cycling; Brighton and Hove buses has been introducing the "Key", a smart card for travel payment, and hybrid vehicles; the Big Lemon bus company has pioneered the large scale use of re-used vegetable oil as a fuel source; Southern Railway are seeking to build a 'cycle hub' at Brighton Station with extra bike storage, lockers, showers, café and a repair centre; and the NHS organises an "Active Travel Forum" and supports the "Healthwalks" programme, now in its tenth year.
- Our innovation in transport was recognised in 2012 as we were judged runner-up "City of the Year" by the Civitas European network of 200 cities.
- The council and partners have developed a broad programme of measures to promote changes towards more sustainable patterns of travel behaviour. These include citywide promotion and provision for cycling and walking, workplace, school and personalised travel planning, travel awareness campaigns and marketing, car club development, electric vehicle charging points, and measures to reduce the need for travel.
- The council has secured large scale Government and EU funding to implement our transport plans. Our EU Civitas fund project brought £2.2 million to invest in small-scale transport projects, we secured £3.4 million 'Better Bus Area' funding in 2012 for improvements in bus travel, and in 2011 we secured £4 million from the Government's Local Sustainable Transport Fund for investment in dedicated bus and cycle lanes, improving links to the South Downs National Park, pedestrian wayfinding, improving access to rail stations, more bus shelters, and upgrading real time bus information.
- Public transport has a significant role to play in reducing emissions from travel. Investment in public transport services, vehicles and passenger facilities including train stations, bus stations, passenger waiting areas bus stops, by both private operators and the council gives people an alternative to using a car for many journeys.
- 'JourneyOn' is the city council's main transport brand that helps to identify and promote transport measures and projects in the city. The JourneyOn website provides travel and route planning information for residents and visitors to the city; 118,000 visits were made to the JourneyOn website in 2012.
- The planning system is used to ensure sustainable transport infrastructure is integrated into significant new developments.
- Cycling routes and facilities have improved significantly since Brighton & Hove City Council was successfully designated as a Cycling Town and received additional funding and support. We have completed the two key missing links in the city's core cycle network (NCN2 & NCN20).
- To encourage people to contribute towards a cleaner and more energy efficient transport system in the city, our first on-street Electric Vehicle Charging Points were installed in the city in 2010; 8 have been installed so far.
- Our first Pedal Cycle Parking Bay was introduced in 2008 and there are now over 30 locations with spaces for 10 bikes each. Their popularity is demonstrated by their constant use and additional requests for more.
- Residents-only parking in response to public demand, and on-street parking charges are also part of the wider strategy that is designed to manage

demand, to help cut down on traffic volumes in the city and to encourage residents and visitors to consider sustainable transport options such as walking, cycling and public transport to move around the city.

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet City:			
1. Carbon Plan Develop a transport carbon reduction plan for the City, showing the overall emissions contribution transport is expected to make, and the most effective means to deliver reductions.	2015, with Analysis of transport emissions in 2014.	BHCC and partner organisations	Existing staff resources.
Review the current (2011) Local Transport Plan 3 against One Planet objectives to produce long term vision for city transport infrastructure.	Review – by 2015	Transport Partnership	Within existing budgets.
2. Re-design Areas Valley Gardens masterplan; Brighton station gateway.	2013/14 onwards: Valley Gardens - through 'Better Bus Areas project' 2013. Brighton station - Southern Railway station improvements 2013.	BHCC and partner organisations	Department for Transport. Southern Railway.
4. Improve Safety Introduce/extend 20 mph speed limit, run safety campaigns.	2012/13 – 2015/6 central zone 2013, followed by subsequent phases.	BHCC	Existing programme.
5. Major Schemes Packages of works to improve busy roads and junctions: Lewes Road, Seven Dials.	2012/13-2014/15 Bus, taxi & cycle lanes, bus shelters, Vogue Gyratory to Falmer 2013. Seven Dials junction 2013. Improved real-time bus information 2015.	BHCC and partner organisations, Department for Transport	Lewes Road £4 million Department for Transport.
6. Signs & Routes Detailed work to make it easier to get around the City on foot or by bike, and reach open spaces and the National Park.	2012/13-2014/15 Pedestrian signs in Lewes Road corridor 2013. Bridle route Woodingdean-Falmer 2014.	BHCC	Existing programme.
7. Cycle Parking Cycle stands throughout the	2012/13-2014/15 Brighton station bike	BHCC and Southern Railway	Hub, £550,000 Department

City, in response to public requests, Brighton station bike hub.	hub 2013/14. 100 cycle stands per year.		for Transport. Stands, existing programme.
8. Schools Work with schools in the city by promoting travel planning & encouraging students to cycle.	2012/13-2014/15 Actions in the 17 schools in Lewes Road corridor throughout school year.	BHCC ,Sustrans, volunteer residents.	Existing programme.
9. Community Support Encourage residents to travel sustainably through personalised travel planning; organise guided walks programme.	2012/13-2014/15 Publish Healthwalks programme Spring & Autumn. Door-knocking, events & community support Coombe Road area to Falmer 2013.	BHCC, NHS, residents' groups.	Existing programme.
Public Transport			
Maintain and improve efficiency and attractiveness of public transport. Encourage public transport operators to introduce and extend integrated ticketing and Smartcards for customers	2013 to 2015	BHCC & all public transport operators (bus, coach, taxi and rail)	LTP investment with investment from other parties subject to the agreed Local Transport Plan.

This by no means the full extent of the Local Transport Plan investment programme. A full capital programme to 2016 will be presented to the council and the Transport Partnership in Spring 2013.

Medium – long term

- Incentivise bus and taxi providers to move towards using a low emissions vehicle fleet.
- Make parts of the city traffic free to encourage walking and reduce congestion; deliver 'Old Town transport plan'.
- Lobby for essential train services to be maintained during weekends.
- Deliver all Brighton station interchange improvements to encourage sustainable travel.
- Encourage car club to include electric vehicles in their fleet.
- Explore through the Travel Plan Partnership ways in which businesses can introduce flexible working, behaviour change and technologies to reduce the need to travel.

Indicators

- Traffic counts.
- Bus usage.
- Cycle usage and parking provision.

- Increase in electric vehicle charging points, on-street and in existing/new developments.
- Air quality.
- Transport emissions.
- Access to jobs and schools.
- Increase in pupils using sustainable modes of transport.
- Before and after surveys for schemes and Personalised Travel Planning.
- Road safety

Sustainable Materials

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

Sustainable Materials – One Planet Council

Bioregional guidance is for the council to focus on 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 is led by the Procurement Team in the council - which drafted this section - working closely with purchasers and suppliers, and reported through the council's Organisational Health Report.

High level objectives – where we want to get to

One Planet Council:

The council is embedding 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;

- Apply its [Sustainable Procurement Policy](#) and [Sustainable Procurement Toolkit](#) to all contracts and develop ways to monitor progress on what these achieve.
- Ensure that the organisation as a whole takes responsibility for what it procures.
- 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 the minimal impact on the environment, consider their emissions, the use of alternative fuels and the whole life cost of the vehicle, as a minimum.
- 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.
- Ensure that water is used more efficiently in the production and use of the products we buy, the services we deliver and in our buildings and facilities.
- Develop a supply chain that maximises opportunities for community benefit and economic gain and reduces inequality and financial exclusion within the city.

Where we are now

One Planet Council:

Effective procurement and contract management is helping to deliver value for money and on the council priorities on sustainability. The council introduced a sustainable procurement policy and toolkit that is based on the One Planet Principles in 2012. 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.

What we're going to do

One Planet Council:

Action	Dates	Led by	Financial Implications
Carry out a review of stationery spend across the Council, identifying areas of non compliance and implement systems and procedures to ensure that the use of 100% recycled / Forest Stewardship Council paper is maximised.	March 2013. Quarterly reports will address the non-compliance target.	Corporate Procurement	Funded from existing budgets
Ensure that procurement and contracting documentation contains relevant clauses in relation to timber products and set up a system of monitoring compliance with these requirements.	December 2012. Achievement of WWF timber gold standard - Jan 2013. Annual compliance report completed by end of January each year and standard maintained.	Corporate Procurement	Funded from existing budgets
Carry out a review/analysis of corporate stationery to identify possible opportunities for moving to more environmentally friendly products.	December 2012. Quarterly reports produced. Target - increase proportion of environmentally friendly products purchased each quarter.	Corporate Procurement / Supplier	Funded from existing budgets
Work more effectively with diverse suppliers. For example by providing briefing / training events for SME's and the Third Sector. Examples include the Ride to Wave events and the CVSF Training.	March 2013. Training events completed – "Ride the Wave" event took place in December 2012	Corporate Procurement	Funded from existing budgets
Continue with training / briefing sessions on sustainable procurement, highlighting the use of the toolkit and the links to the Council Sustainable Procurement Policy.	March 2013. Regular Contract Officer Forums held during the year – next Forum due 21 March 2013.	Corporate Procurement	Funded from existing budgets

Action	Dates	Led by	Financial Implications
Develop closer internal links between the Procurement and Sustainability function	2013. Regular meetings take place.	Corporate Procurement / Sustainability	Funded from existing budgets
Explore methods of ensuring that the Council and its suppliers comply with the Ethical Trade Initiative's base code, look at inclusion within contracts, purchase order Terms & Conditions etc.	March 2015. Initial review of documentation by Spring 2014.	Corporate Procurement / Legal	Funded from existing budgets
Based upon the findings of the review/analysis, implement changes to move office stationery spend to more environmentally friendly products.	March 2015. Initial review carried out by Spring 2014.	Corporate Procurement / Supplier	Funded from existing budgets
Carry out a review of current and future contracts to ensure that where appropriate Government Buying Standards are incorporated into specifications and contracts to ensure compliance with the mandatory requirements of the standard.	March 2015. First review carried out by Summer 2013 looking at food standards	Corporate Procurement / Contract Officers	Funded from existing budgets
Incorporate into specifications where appropriate the Social Value Act, sustainability criteria and appropriate weightings that promote reuse and recycling. KPI's also developed that focus on this area.	March 2015. Training relating to Social Value Act carried out – completed January 2013. Documentation amended for Social Value Act by Spring 2013. Draft sustainability documentation provided by Spring 2014.	Corporate Procurement / Sustainability/ Legal	Funded from existing budgets
Ensure that sustainability is a standing item on relevant SE7 meeting agendas and that a collaborative approach to sustainable procurement is adopted across the Council.	March 2015. Procurement Strategy manager including this on SE7 Heads of Procurement meeting next meeting due April 2013.	Corporate Procurement / SE7	Funded from existing budgets

Action	Dates	Led by	Financial Implications
The retendered Strategic Partnership contract will have its KPI in relation to waste directed from landfill updated to 98%.	Completed by January 2014 - expected award of new contract.	Corporate Procurement	Funded from existing budgets
Introduction of an e-sourcing system for use in the administering of procurements.	March 2015. Testing completed by Spring 2013	Corporate Procurement	Funded from existing budgets

For the medium and longer term the following actions are proposed:

- Look at how planning processes etc can be used as a mechanism to enable the incorporation of requirements that meet the Common International Targets. Building on the work that has already taken place on the introduction of the Supplementary Planning Document.
- Mears contract – Look at refreshing KPI’s that focus on the redirecting of waste from landfill in addition to other sustainable targets. Contract is to be re-tendered in 2020.

Sustainable Materials – One Planet City

This follows BioRegional guidance that focuses 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 is relatively undeveloped work strategically for Brighton & Hove. So it is proposed that the City Sustainability Partnership will lead it, through a new joint Waste and Materials (WAM) group (see Zero Waste section). It also means we have included more detail in this section – developed by a leading Waste Advisory Group member - at this stage.

High level objectives – where we want to get to

One Planet City:

- Taking sustainability into account when deciding which products and services to buy can help to contribute to the local economy, reduce environmental impacts and deliver social benefits to residents.
- There are pockets of excellence, expertise and innovation around sustainable and low carbon materials, supply chains, design, reprocessing and reuse in Brighton & Hove. This action plan aims to unite these pockets of good practice and develop them through projects, case studies, sector collaboration, sharing of good practice and production of guidelines and tools. It focuses particularly on promoting existing services that facilitate the reuse and sharing of goods and services, particularly those with high embodied energy.
- Recognising that construction, demolition and excavation works have a large impact on the environment, this plan seeks to minimise the impact of materials used, extend the lifespan of existing buildings and materials, ensuring that buildings are designed so that the materials can be recovered, re-used or recycled when they are demolished – or rather “deconstructed”.
- Ultimately creating a circular (materials) economy rather than our current linear model of ‘take, make, waste’.

Where we are now

One Planet City:

Households and Business:

- The culture of repair, re-use and sharing is changing fast. The immediate challenge is to better inform residents and businesses of the local sustainable options and to inspire mainstream uptake.
- Already in the city we have well established community and online services, social enterprises, businesses and clubs that facilitate reuse and sharing (e.g.: City Car Club, Emmaus, Fare Share, Freegle, The Green Centre, Magpie, My Swish, Resource Centre, Shwopping, Toy Libraries, Wood Store, YMCA; hundreds of businesses facilitating the handling of second hand goods (charity and vintage stores, auctions, boot markets, car breakers, salvage and reclamation yards) and many repair and maintenance providers. Bicycles are re-used and repaired through local organisations such as Cranks, Brighton Bike Project, The Bike Train and the YMCA.
- The council has dedicated re-use webpage to help inform residents of other organisation and charity re-use schemes available in the city. Residents are able to re-use items, such as furniture and electrical items from home collections run by the YMCA, Martlets and Emmaus charities and Magpie for example. Re-use items can be bought from these charities and organisations at a lower cost and Emmaus and Magpie (at Shabitat) for example have been 'up-cycling' some of these items for years.
- There are also an ever growing number of online portals facilitating reuse, sharing and resale (Bla Bla Car, Ebay, Ecomodo, Liftshare, Streetbank, The People Who Share, Swishing, Gumtree, Warp It and the more traditional Friday-Ad) and a plethora of artists and emerging businesses making or selling products made from recycled materials (e.g.: New Life Paints, Paper Round, The Brighton and Hove Wood Recycling Project and Ecologicool).
- The council's waste management strategy contains a dedicated reuse policy and actions to further promote and increase re-use and networks in the city working with the existing community organisations, charities and businesses.
- Brighton and Hove has world class academic and arts expertise that can underpin this with innovative design, new products, systems and eco building practices (Brighton University Arts dept IF Lab, Sussex Innovation Centre, Architects, Green Building Partnership,). The Brighton and Hove Chamber of Commerce's Green Collective and the local Environmental Industries Working Group are already cultivating sustainability into the local commercial sector and encouraging entrepreneurship.
- National targets and measures of re-use are being developed. We know for example up to 10 tonnes of household goods are reused every month by local Freegle members and that a wide variety of recycling, processing and sharing enterprises are creating jobs and keeping money circulating locally. Measuring and mapping these are important to establishing baselines and will better inform our city sustainable materials targets.

Construction

- Brighton & Hove Planning Authority has had policy on the sustainability of materials proposed in planning applications since 2005. This expects the use of construction materials with low embodied energy; reduction of raw material inputs; and use of recyclable and/or recycled materials. This policy is being carried forward into the City Plan and will be further developed in further Planning Documents.

- In response to this policy, Brighton & Hove Local Planning Authority created and adopted a tool for estimating embodied carbon of building materials (new residential developments): it is the only UK planning authority to take this step. The tool is incorporated into the 'Sustainability Checklist'. Use of the tool is a requirement for planning applications. It aims to raise awareness in the construction sector of the embedded carbon impacts of design choices. Results are monitored and assessed as part of the assessment against local sustainability policy.
- The planning system strongly encourages the use of sustainable materials. The authority requires assessment of new and refurbished buildings under BREEAM and Code for Sustainable Homes for all development that is 'medium scale' and larger, and for all new dwellings. This includes assessing all major building components and finishing elements under the 'Green Guide': an environmental profiling system for building materials and components using life cycle assessment methodology. Use of materials is being monitored through the 'Sustainability Checklist' page for 'Materials' for Planning Applications in order that further policy requirements may be developed on this in future especially for smaller and DIY projects.
- Green infrastructure rather than hard landscaping is encouraged through existing and draft planning policy. The Sustainability Checklist encourages the incorporation of green roofs and walls into proposals. The data is being monitored for future policy creation.
- Maintaining historic elements of existing buildings is a key underpinning policy particularly for historic buildings. This approach seeks continued maintenance of materials rather than replacement. In particular the use of uPVC windows is discouraged in Conservation Areas and on Listed Buildings: replacement with matched timber windows or refurbishment of existing rather will always be encouraged.
- Brighton and Hove is home to world class innovators and a cutting edge creative industry. They are already addressing resource scarcity, material challenges and changing consumer and environmental demands (e.g.: Brighton's WasteZone team at Ecobuild 2013, If:Lab, Sussex Innovation Centre).
- The University of Brighton (Faculty of Arts) has planning permission to erect a demonstration building: – "The House That Kevin Built" (THTKB) built entirely from local waste materials to be known as The Brighton Waste House. The project started at end of 2012 in collaboration with Mears, City Council, ReMade South East, Brighton City College, Freegle Brighton, BPP consulting engineers and BioRegional. The house is carbon neutral, will be monitored and changed over time to take advantage of new innovations and be used by the community after completion later in 2013. It will model how to turn waste into a resource and will inform future locally sourced and affordable housing options.

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet City:			
Community & Business:			
Audit and map city reuse activity and the use of recycled materials in local production to establish baselines. This will require collating	Baseline data consistent with emerging national methodology on reuse (from WRAP) to be	Cat Fletcher, Freegle Brighton, Freegle UK,	£10,000, external funding sought

<p>data from the waste operators and producers, reuse services, creative sector, commercial & industrial businesses, the community and charities.</p> <p>Create an online reuse portal "Give it for good" to facilitate and increase reuse options in the city (benefits service providers and end users) http://giveitforgood.com/</p>	<p>produced by end 2013.</p> <p>Portal developed by May 2014. Targets to be confirmed by WAM, aiming at reducing reusable and recyclable materials in waste stream.</p>	<p>WRAP</p>	<p>£35,000 for full development-external funding sought</p>
<p>Create 'City One Planet Consumer Guide': Collate information of locally designed, reused, sourced, upcycled, rentable, recycled products and repair services.</p> <p>(Communications and behaviour change work under this principle to be developed under wider OPL campaign)</p>	<p>By 2015</p>	<p>Cat Fletcher and BPEC to expand existing Green Guide.</p>	<p>£10,000 external funding to be sought</p>
<p>Establish one temporary central materials depot –being piloted with 'The House That Kevin Built' project (THTKB).</p>	<p>Weight of goods, monetary and social value of goods reused. Report outcomes as a business case study</p>	<p>University of Brighton Cat Fletcher BHCC</p>	<p>Funded as part of THTKB</p>
<p>Warp It (organisational materials reuse portal). Get businesses and institutions to join and use it. Deliver Reuse workshops for public and private sector.</p>	<p>Portal already under development. Measure reductions in waste and carbon, and financial savings</p>	<p>Warp It . BHCC and 2 universities have joined.</p>	<p>Within existing budgets</p>
<p>Collate Warp It data and for incl. in city 'reuse' data.</p>	<p>2013</p>	<p>Warp It Cat Fletcher</p>	<p>No cost</p>
<p>Construction & Design</p>			
<p>Build a house from waste. http://arts.brighton.ac.uk/business-and-community/the-house-that-kevin-built</p>	<p>House built by 2014 and evaluation reports produced.</p>	<p>University of Brighton faculty of Arts, Mears, BHCC, Freegle Brighton,</p>	<p>£300,000 (already funded via Brighton University)</p>
<p>Extend Sustainability Checklist to small trades people, DIYers and small businesses</p>	<p>Explore by 2015</p>	<p>BHCC planning dept,</p>	<p>Funded from existing budgets</p>
<p>Organise 6 supply chain workshops per year for trade.</p>	<p>First six by May 2014</p>	<p>Cat Fletcher. Green Collective</p>	<p>Self funding</p>
<p>Create new materials from waste:</p>	<p>Short Term</p>	<p>University of</p>	<p>£10,000 for coffee</p>

Use audit and campaign to explore opportunities. Work already on going at sustainable design department and on construction materials pilot.		Brighton, existing creative industries and practitioners	waste secured
Resources Coordinator: to get 'sustainable materials action plan' off the ground, programme management and governance.	Short Term	Cat Fletcher	Estimated cost of £30,000 p.a. External funding being sought

Medium and Long Term Actions

- Encourage the use of unused buildings, unoccupied space and community space for pop up and reuse initiatives. Sites are mapped.
- Establish local reprocessing plants to make reusable materials available. Develop capacity to recover materials currently burned, buried or exported. e.g.: mattresses and sofas, tyres, plastics, WEEE, construction and demolition materials.
- Affordable, eco housing development made with predominantly local, recycled and reused materials. Likely to be collaborative project with private, public and 3rd sector evolving from existing pilot projects. External and council investment.
- Create 6 Localised Reuse Depots for commercial and household use. Likely to be collaborative and funded by existing waste operators (i.e. diversification of current business models) along with expansion of existing 3rd sector enterprises (i.e. new branches of existing services). Good opportunity for new employment.
- Create a Buy Local campaign and sign up businesses and suppliers to it.
- Establish permanent central materials depot/sustainable centre. This is already in the plans for Circus street development by Cathedral. External and council funded.
- The Environment Agency is also developing a set of tools known as Resource Efficiency Appraisal Development (READ) which organisations will be able to use to benchmark how well they manage resources such as materials and energy, and what are the biggest opportunities to improve. These tools will be available from the Environment Agency:
<http://www.environment-agency.gov.uk/business/topics/waste/default.aspx>
- The Government sponsored WRAP (Waste and Resources Action Programme) also provides support and guidance working closely with a wide range of business sectors and individuals to help them reap the benefits of reducing waste develop sustainable products and use resources in an efficient way:
<http://www.wrap.org.uk/business/index.html>

Local and Sustainable Food

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

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.

Overarching objectives other than the ecological footprint objective are taken from the Food Strategy, chosen for their strong correlation with the One Planet Food principle as areas where the Council and partners can have the greatest impact on reducing the ecological footprint related to the food system. They cover: sustainable healthy diet; procurement; waste; food production; and local food economy.

There are crucial links to other principles including: Health and Happiness; Waste; 'Land Use and Wildlife', Equity and Local Economy; and Water.

A longer version of this action plan is available which includes greater detail, further background information, and additional actions.

High level objectives – where we want to get to

- Reduce the element of the ecological footprint related to food from the current level of 1.43 global hectares per person (1) to 0.67 by 2025.
- Public organisations will 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

Brighton & Hove's current food system is unsustainable, responsible for 25%² of the city's ecological footprint, and higher than the UK average of 21%. The ecological footprint related to food is referred to as our **foodprint**. Translated this is 1.43 global hectares (gha) per person but a fair share of the earth's resources would be no more than 1.2gha per person for all needs³. Bioregional calculate that a target of 0.67gha represents a 'fair' foodprint.⁴

Our diets

What we eat is at the heart of our food system and our diets are influenced by many factors including culture, personal finances, knowledge and skills. Food that is good

¹ REAP data for Brighton & Hove (Best Food Forward 2011)<http://www.resource-accounting.org.uk/downloads/south-east/brighton-and-hove>

² Best Foot Forward, A One Planet Framework for Brighton & Hove

³ Bioregional/WWF Common International targets

⁴ Sutton 2011 and Middlesbrough June 2011

for the planet is also good for us and this provides us the opportunity to make the most of the city's resources and link work on sustainability with that being undertaken by the city's Health and Wellbeing Board on healthy weight and good nutrition.

The behaviour change campaign that sits alongside this Sustainability Action Plan will include a focus on food to support the work already delivered by the Food Partnership in this area. All of the work supporting behaviour change around diets will concentrate on those actions that are affordable and offer the most potential to reduce the ecological footprint.

Facts about the city's foodprint

- Food is responsible for 10% of the city's carbon footprint⁵ and 17% of the city's Greenhouse Gas footprint (not including food waste which is responsible for 3% of UK GHG emissions⁽⁶⁾).
- 21.5% of Brighton & Hove's foodprint is associated with meat, a further 7% with dairy. Meat and dairy is therefore responsible for nearly 1/3rd of the ecological footprint related to food.⁽⁷⁾ Grain fed cattle has a particularly high footprint.
- 50,000 Adults are obese or morbidly obese estimated to cost the NHS in Brighton & Hove £78.1 million in 2010. 14,000 Aged 2-19 year olds are overweight, and likely to increase to 16,400 by 2020. Research shows that food that is healthier for us is also healthier for the planet. Our foodprint can be reduced 22% by eating a 'healthy' diet lower in sugary fatty foods⁽⁸⁾.
- The city has a food services industry of over 400 cafes and restaurants. Catering services in the city are responsible for 5% of the foodprint not including food waste⁽⁹⁾. The UK hospitality sector produces 600,000 tonnes of food waste each year⁽¹⁰⁾.
- 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⁽¹¹⁾
- Since 2006 Brighton & Hove has had a City Food Strategy which seeks to deliver a sustainable food system written by BHFP and adopted by the city council
- The city has a strong tradition of urban food growing including the Big Lottery Local Food Funded Harvest Brighton & Hove, 60 community growing spaces, the Allotments Service and growing in schools.
- BHCC Allotments service is one of the largest in the UK and last year increased availability of plots by 4% yet the city has around 2000 people on the waiting list.
- The city has 4,400 hectares of farmland but very little produce from this comes into the city.
- Local fisheries at Shoreham export a large proportion of fish caught out of the city, but are keen to supply all fish to local markets.

⁵ REAP data for Brighton & Hove 2011, provided by Best Foot Forward

⁶ The Water and Carbon Footprint of Household Food Waste in the UK, WRAP (2011)

⁷ REAP data for Brighton & Hove 2011, provided by Best Food Forward

⁸ The Ecological Footprint of what we eat. Stockholm Environmental Institute. Frey and Barrett
<http://www.sustainablefood.com/Foodfootprint-How.htm>

⁹ REAP data for Brighton & Hove 2011, provided by Best Foot Forward

¹⁰ The composition of waste disposed of by the UK Hospitality Industry. (2011)

¹¹ The Water and Carbon Footprint of Household Food Waste in the UK - jointly published by WRAP (Waste & Resources Action Programme) and WWF (2011)

- The chalk downland that surrounds the city is ideal for sheep grazing that protects this unique habitat. City Services deliver a 'Conservation Grazing Scheme' which includes community shepherds. Currently most of this lamb is not sold directly to the city.
- A [Revised Corporate Council Procurement Strategy, Code of Practice](#) and [Toolkit](#) was adopted in 2012 which provides guidance on specifying sustainable food through council contracts but identified the need for specific standards for food procurement .

One Planet Council & One Planet City

Sustainable Healthy Diet

Action	Dates	Led by	Financial Implications
Deliver information and skills sessions across different communities in the city to promote and inspire people to chose healthy and sustainable food	Annually	BHFP in partnership with Public Health Brighton & Hove	BHFP current resources and new resources brought in by them for this work

Procurement

Action	Dates	Led by	Financial Implications
Develop and adopt minimum buying standards for sustainable healthy food where practical on future catering contracts and monitoring processes for council catering contracts.	1.Scope process, including lessons learnt from schools meals contract tendering process (July 2013) 2. Draft and adopt buying standards developed. (September 2014)	1.Procurement, School Meals Manager and Food Partnership 2. Procurement, Food Partnership, Catering Contract Managers.	1.BHCC target to remain within current budgets 2. BHFP funding independent support and expertise.
Use minimum buying standards where practical on renewal of catering contracts.	Kings House, Brighton Town Hall, Hove Centre, Staff Civic Catering Contract, 2013; Brighton Centre 2014; School Meals	Procurement Team. Relevant contract officers.	BHCC target to remain within current budgets.

	2015; and other contracts on renewal.		
School Meals: build on the success of achieving Food for Life Bronze and Marine Stewardship Council Sustainable Fish certification.	Increase seasonal menus. Explore use of local lamb from B&H Conservation Grazing project. Both April 2013.	School Meals Manager	BHCC within current budgets.
Engage large caterers in the city (public and employment settings) in the 'Sustainable Fish City Campaign' ¹²	3 large caterers to have pledged to use MSC certified fish only by March 2014	BHFP lead campaign. School meals service, Sussex Partnership Trust, large caterers/ workplace canteens	BHFP Staff costs to support work. MSC certification costs covered by caterers.
Hold regular forum to bring together large caterers to share good practice and information.	Hold at least two meetings a year. Recruit further public sector caterers to the group.	BHFP lead. Caterers.	Staff costs at BHFP to support the work. Staff costs of caterers covered by that organisation
Develop a Sustainable Food Charter for the city with large caterers group; to establish current practice; share good practice in sustainable procurement.	FP Food Strategy Officer recruited from July 2013 to lead on this work. Draft Charter produced based on work with BHCC, March 2014. Adoption of Charter by large caterers (ongoing)	Co-ordinated by BHFP. Members include: BHCC, University of Sussex and Brighton, and Sussex Partnership Trust.	Staff costs at BHFP funded via external funding from Esmee Fairbairn Foundation
Pilot 'Foodprinting' tool with one large caterer. Develop indicators and roll out to support foodprint reduction in city catering.	Test tool summer 2013. Assess & develop indicators by 2014. Ascertain value of the tool and roll out across city if effective 2014-2016.	Food Matters, large caterer to be recruited.	Delivered and funded by Food Matters. Roll out dependent on securing further resources.

¹² Food Partnership initiative: Sustainable Fish City Campaign: <http://www.bhfood.org.uk/sustainable-fish>

Waste

Action	Dates	Led By	Financial Implications
Deliver Food Waste Reduction campaign within the council.	Campaign delivered by end 2014.	Communications Team, School Meals Manager, BHFP, Catering Contractors	BHFP funding. Further resources to be sought.
Increase the number of council buildings offering composting to staff.	Review food waste facilities at council buildings by end 2013. Minimum of 3 buildings with new composting facilities annually (2013 – 2015)	CityClean, Communications Team, Property, Planning Projects; BHFP Big Dig Co-ordinator	Funding to be met through existing budgets
Pilot biodegradable food waste: project to collect and recycle biodegradable food waste generated at public events.	BHCC to work with event organisers on pilot at 6 events on council land by October 2015	Sustainability, Events Team; Arts & Culture Teams. Remade Southeast	Part of the 'FoodWise' project. Subject to European ERDF funding - bid submitted
Pilot food waste collections in Moulsecoomb Hub as part of municipal waste contract	Pilot from May 2013.	Property & Design	Funding to be met within existing budgets
Reduce city food waste: deliver a community based education and skills programme linked to national 'Love Food Hate Waste' campaign. Increase composting at home and in communities	Deliver 10 events and 5 workshops 2013 – 2014. Publish monthly email bulletin. Promote community composting in areas of the city without schemes (2013) and increase number. Raise awareness of home composting at events in 2013/14	BHFP (Food waste reduction campaign) BHFP & CityClean (other actions)	Funding from BHCC & BHFP to March 2014

Food Production

Action	Dates	Led by	Financial Implications
Identify land suitable for food growing. Produce a series of land use maps exploring barriers and opportunities for food growing and multi-functional uses of space e.g. orchards in parks/green spaces.	Map Urban Fringe by summer 2013; Map urban areas/city centre by end 2013;	Food Matters, Food Partnership, Planning Projects, Property, City Services	£10,000 funding identified as part of One Planet Living implementation
Publish information clarifying when council owned land suitable for food growing on short or long terms leases become available.	Ongoing publication	Property & Design	Within existing budgets
Increase food production for the city from the Agricultural Estate.	Ensuring support for farmers to diversify via new 2013 contract as per City Downland Estate Policy. Follow up monthly meetings with agent	Property & Design and Land Management Agent	Within existing budgets
Work with one farmer to become a beacon farm, developing projects within the farm based on One Planet approach to food, water, wildlife, health	Identify BHCC farmer who is interested in participating. Start to implement projects (2015)	Farmers, Estates Team, Land Management Agent, BHFP, Food Matters,	Identify resources to support the process of working with the farmer by end 2014. External funding to be sought.
Produce an Allotment Strategy. Expand allotment provision to support sustainable food growing in the city.	Adopt Strategy by March 2014. 100 new 125m2 plots by 2014. Develop further targets to increase number of plots, increase access to allotments by diverse groups.	Allotment Strategy Working Group; BHCC Allotments Service; Allotments Federation; BHFP	Within existing budgets Plus funds from BHFP (Harvest) for the strategy process.

All schools to have access to land for food growing. Schools to offer opportunities to learn about food growing	Establish number of schools without food growing within school grounds by summer 2013. All schools to either have food growing within grounds or access to food growing by 2015.	Schools, Food Partnership, Environmental Education contractors, Planning & Contracts Team (school grounds).	Within existing budgets. Subject to securing further funding.
Encourage planning applicants to incorporate food growing in proposed development.	Over 30% of residential and mixed use applications approved annually include plans for productive planting each year.	Planning. Development community.	Within existing budgets
Increase number of food growing projects in city. Increase number of residents volunteering at food growing projects.	Council to promote support offered to tenants seeking land for food growing on their estate (on-going). Deliver: 5 new food growing projects on council housing land by 2016; at least 2 community orchards of over 5 trees each year starting 2014; and one further demo garden every year to 2016.	BHFP & Harvest Partners; Brighton Permaculture Trust; CityParks; Planning; Housing; Community & Voluntary Sector.	Some projects delivered within existing budgets e.g. BHFP Harvest. Secure ongoing resources for Harvest Brighton & Hove for post 2014 when current funding ends (By Dec 2013)

Local Food Economy

Action	Dates	Led by	Financial Implications
Ensure development of Local Food Economy identified in strategic studies and policies. Recognise and evidence the potential value of local food as part of the 'Green economy' (Economy section) in city through further research.	Economic Strategy refresh 2013 City Plan 2, drafting begins 2014.	LDF Team. Economic Development	Within existing budgets

Work with Directors of the Open Market CIC to embed One Planet food principles in the running of the Open Market Secure permanent stall for local food producers.	Meet with the Directors of the CIC and develop an action plan April – July 2013. Local producers stall included in reopened Market August 2013.	Open Market CIC / Food Partnership / Local growers	£5,000 secured by the BHFP to support growers to develop a co-operative stall and for promotion.
Support SMEs and small businesses in the food sector (food manufacture, processing, retail and hospitality).	Explore potential partnerships e.g. Coast to Capital LEP: Chamber of Commerce, by end 2014.	BHFP to work with partners to develop support for this approach	BHFP to identify resources needed for this work
Develop local food promotional campaign aimed at tourists and conference visitors as part of 'Eco Tourism' offer.	Campaign developed 2013-2015.	BHFP; Visit Brighton	Subject to securing funds.

Medium to long term targets

Sustainable and Healthy Diets

- Progress has been made in reducing the city's foodprint and ongoing monitoring against the REAP baseline ensure strategies are updated to maintain on-going progress where needed.
- Diets have become healthier and more sustainable and are reduced to a fair level of 0.67 global hectares per person

Procurement

- Sustainable and healthy food is provided through all catering contracts bought with the public purse

Waste

- Mechanisms to facilitate food waste collections and local processing have been resourced and implemented.
- By 2025 the waste hierarchy will be strictly applied for food waste: options for reduction and reuse get prioritised over options for recovery
- Facilities for food waste collections are available at all buildings in the city with catering outlets.

Local food production

- Food production is delivered on the majority of land identified as suitable by the mapping work undertaken.
- Food growing is woven into the fabric of the city.
- All food growing supports biodiversity enhancement and sustainable ground water management.
- Local food activity is a vital element of the sustainable community-based and self sustaining estate at Stanmer Park.

Local food economy

- Locally caught fish is sustainably caught and much is sold in the city reducing the need to import fish from elsewhere.
- The local food economy is a vital and thriving element of the Green Economy

Sustainable Water

This follows guidance from BioRegional that focuses on using water much more efficiently, in buildings and in the products we buy. This supports healthy land use as well as avoiding pollution and flooding.

Sustainable Water – One Planet Council

High level objectives – where we want to get to

One Planet Council:

- The council will set an accurate water consumption baseline for its buildings by installing Automated Meter Reading devices and then look to set specific reduction targets
- Efficient water use across councils buildings and schools
- Reduction and better management of water leaks
- Land management – protect water quality for the city through improved management procedures of the City Downland Estate

Where we are now

One Planet Council:

- Good practice examples where water use is currently being measured include Brighton Centre and Hove Town Hall. This has contributed to significant water savings.
- Undertaken a mapping exercise of water meters across the council property portfolio.
- Early identification of water leakage at some council sites.
- Training and supporting tenant farmers to ensure quality of groundwater
- Production of a Corporate Water Strategy and Action Plan.
- Officer water group overseeing council and city water action plans.

This is led by Property & Design in the council,

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet Council			
Implementation of Automated Meter Reading (AMR) programme within prioritised council portfolio.	Out to tender January 2013 Implementation programme throughout 2013/14	Property & Design	Total of £500,000: £307,000 investment from reserves, £90,000 from schools and £100,000 One Planet Living reserve. Savings will be generated through more efficient monitoring. The Housing Revenue Account has set aside a reserve for funding of AMRs on council housing stock. Annual running costs to be met from existing budgets.
Implement Building	Pilot – Spring	Property &	Costs will be built into

Sustainability Healthchecks programme and action plan	2013 Ongoing programme of regular health checks integrated into Premises work schedule with one planet champions	Design and Sustainability Team	reactive and term maintenance budgets. Will result in ongoing water and cost savings.
Implementation of corporate water strategy.	Dependent on installation of AMRs (above), implementation to follow in 2013/14.	Property & Design and Sustainable Officer Water Group	None expected.
Develop and implement new build design standards for all council building projects, including sustainable water use.	Checklist to be used on all relevant projects from March 2013	Property & Design	Implementation will vary project by project
Introduce methods for reducing inputs on arable land and precision farming techniques on our tenant farms.	With the Environment Agency identify opportunities for and prioritise project implementation to reduce inputs on arable land, 2013	Property & Design	Funding received under Water Framework Directive from Environment Agency (£32,000).

Medium terms activity:

- Monitor and mitigate impacts on water quality through effective management of the City Downland Estate.
- Plan a programme for monitoring water consumption at sites that do not have Automated Meter Read devices.
- Identify targets for reducing inputs on all council owned land including highways, parks, cemeteries, housing land, allotments & community gardens, schools and farms.

Sustainable Water – One Planet City

The Environment Agency led the drafting of this section

It is proposed that the City Sustainability Partnership will work closely with the EA to lead this work, potentially through a new ‘Sustainable Water Working Group’ and ultimately through the Biosphere Reserve partnership as this has a big focus on water.

High level objectives – where we want to be

Surface water:

- Reduce Flood Risk to homes vulnerable to surface water flooding.
- Slow water entering the drainage network to reduce flooding.
- Reduce urban pollution sources of drainage networks, watercourses and the sea.
 - Have best practice approach to water drainage and storm water in refurbishments and new builds

-

Groundwater:

- Improve groundwater quality and quantity which is a requirement of the Water Framework Directive.
- Reduce flood risk to sites at risk from groundwater flooding.

Drinking water:

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

Seawater:

- Using evidence we will better understand the marine environment and its pressures.
- We will reduce our impact on sea water quality and maintain recreation and local fisheries.
- Manage the coastline to protect properties from tidal flooding.

Where we are now

One Planet City:

- Climate Change Adaptation scrutiny panel provided clear recommendations for how city needs to adapt and prepare for severe weather events including flooding and drought.

Surface Water:

- Initial stages of Surface Water Management Plan undertaken.
- The EU Water Framework Directive (WFD) aims to get all water bodies and groundwater in the UK to good ecological status. The EA and its partners have identified which water bodies are failing and what needs to be done to improve them
- 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.
- *Groundwater:*
- BHCC Downland groundwater project initiated with funding from Defra WFD funds, aims to reduce fertilizer application by BHCC tenant farmers. A reduction in Nitrate, Potassium and Phosphate's will improve the quality of the groundwater in the area.

Drinking water:

- The water we drink in Brighton and Hove comes from the groundwater in our chalk downland aquifers. These underground stores of water are under pressure from our demand for clean water. Managing this demand is key to sustaining our water supply and protecting the downs themselves. The BHCC groundwater project seeks to improve groundwater quality in the area.

Seawater:

- We are 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.

- Sea level is rising and projections suggest by about 0.5 metres here by 2050.

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet City			
Achieve UNESCO Biosphere status	2013	CityParks BHCC	Funded from existing budgets
Water metering to be rolled out in nearly all housing properties the City. Engagement to raise awareness of water efficiency opportunities for all.	2012-15	Southern Water, BHCC, Biosphere Project	To be funded by Southern Water.
Continuation of development of Surface Water Management Plan and associated action plans for all flood prone areas in the city. Including flood risk management by creating alleviation channels in the Pavilion area.	2016	Sustainable Transport, BHCC. Environment Agency	£270,000 secured from Defra.
<p>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 as climate change affects weather patterns</p> <p>Work closely with Southern Water to ensure pollution events are kept to a minimum.</p> <p>Carry out visits to give pollution prevention guidance and advice to business.</p> <p>Work with partners to identify options for delivering WFD</p>	<p>Short term 2016.</p> <p>Short – medium term 2020</p>	<p>Environment Agency</p> <p>Natural England</p> <p>Wildlife Trust</p> <p>RSPB</p> <p>Rivers Trusts</p> <p>Southern Water</p>	Any costs to council from within existing planning budgets
<p>Work with the Environment Agency to target groundwater improvements.</p> <p>Deliver the Brighton & Hove City Council Downland Project in partnership with the Environment Agency and others.</p>	Short-medium term	<p>BHCC</p> <p>Environment Agency</p> <p>SDNP</p> <p>Biosphere partnership</p>	£55,000 already secured over last two years from EA Defra funds
All new commercial buildings to meet BREEAM standard of 'excellent'.	Short Term	Environment Agency DEFRA	Developer costs
<p>Deliver the Sussex coastal habitat project (Environment Agency and Sussex IFCA).</p> <p>Support the Sussex IFCA Management</p>	Short Term	<p>BHCC</p> <p>Environment Agency</p> <p>Inshore Fisheries</p>	£80,000 already secured over last two years from EA Defra

Land use and Wildlife

This follows guidance from BioRegional that focuses on protecting and increasing biodiversity and biological productivity, and supporting beautiful landscapes while protecting ecosystem services.

Land use and Wildlife – One Planet City

It's proposed that this work is led by the CSP as the locally based body. This work links with the Biosphere Partnership which works across a larger geographical region and the development of a detailed action plan from the high level Biosphere strategy objectives will be merged with the SAP to create a seamless plan from the Biosphere regional level to the City local level.

High level objectives – where we want to get to

One Planet City:

- 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 and biological productivity, as well as supporting beautiful landscapes
- Locally significant species are protected, and a planting and selection process benefits local wildlife.
- We adopt a 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;
- Projects have a positive impact on ecosystem services.
- Actively promotes and educates on the value of biodiversity, ecosystem services and urban green networks
- A major biodiversity project publishes actions and learning on biodiversity.
- Opportunities are followed up to regenerate degraded natural resources.
- The city contributes to the global need for 0.3ha of wildlife habitat per resident somewhere in the world.

Where we are now

One Planet City:

- Our city is bounded by the sea and the South Downs National Park (SDNP)
- Over 40% of Brighton & Hove is in the SDNP
- Castle Hill is one of the finest examples of ancient, wildflower-rich, chalk grassland sites in the country. It is designated a National Nature Reserve, an SSSI, a Biogenetic Reserve by the Council of Europe and is a Special Area of Conservation (SAC) under the European Habitats Directive. As such it forms the core of the proposed Brighton & Hove and Lewes Downs Biosphere
- We have a second SSSI the Marina to Newhaven cliffs which are designated for their geological interest but also contain 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 six 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 wildlife sites across the city which are important in a local context & 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 Brighton & Hove and Lewes Downs Biosphere partnership project is underway which aims to achieve international recognition from the United Nations for the special nature of our local environment
- 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 service and friends of groups all work very closely to improve the management of our countryside and parks
- 3 year Access to nature project is almost 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.
- A ranger service and 'CityWildlife' website in place to promote public engagement in local biodiversity
- 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) is in place to establish new species-rich chalk grassland across most of the city's urban housing land and in the SDNP
- Schools environmental education contract run in partnership with Sussex Wildlife Trust

Action	Dates	Led by	Financial Implications
One Planet City:			
Achieve UNESCO Biosphere status	2013	CityParks, BHCC	Funded from existing budgets.
Implementation of the Local Biodiversity Action Plan, this identifies the most important habitats and species locally, assesses their nature conservation status and sets out the actions needed to ensure a favourable conservation status is achieved for them. This plan supports collaboration, utilises local groups to monitor species and habitats.	2013	CityParks, BHCC	Internal and Higher Level Stewardship (HLS) funding.
Restoration of species-rich, semi-natural grassland. Improved maintenance for target features (ancient monument) & successional areas and scrub. New orchard and	Short term, ongoing	CityParks, BHCC With various Community	Funded from existing budgets.

potential to reopen some of the old Allotments		and Friends of Groups	
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	Short – medium term	CityParks, BHCC	Internal funding, HLS and Nature Improvement Area (NIA) funded.
Creation of new urban chalk grassland by converting mown amenity grass areas to species rich chalk grassland, within and around the urban area.	Short - medium term	CityParks, BHCC	Internal funding, HLS and NIA funded.
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	Short term, ongoing	CityParks, BHCC	Funded from existing budgets. Ongoing savings.
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	Short Term	CityParks, BHCC	NIA funding

Medium Term

- 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 to which developer contributions / Community Infrastructure Levy could be directed towards
- Expand allotment provision to support sustainable food growing in the city
- Refresh and implementation of the City Downland Policy to increase conservation of habitats and species on the council farmland estate.

Long Term

- Development and implementation of detailed Biosphere Reserve action plan covering the whole city
- Create a sustainable, community-based and self-sustaining estate at Stanmer Park which links the city to the National Park
- Seek funding to build and run a 'Big Nature Centre' to encourage residents and school children to reconnect with nature.

Culture and Community

Culture and Community – One Planet Council and City

Becoming a One Planet City will mean focusing on nurturing 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 will be overseen by Arts and Culture and the resource savings will be monitored through the Organisational Health Report. For the city, a request will be made to the Arts and Creative Industries Commission working with the Commissioner for Culture to oversee the work.

High level objectives – where we want to get to

One Planet Council:

- Brighton and Hove City Council owns and directly manages a number of the city's major venues and attractions, including the Brighton Centre and the Royal Pavilion and Museums. The council also owns a number of other important city venues such as the Dome that are leased out and run by third parties.
- To meet One Planet objectives, all major venues and destinations owned or managed by the council will have a sustainability action plan or a robust Environmental Management System.
- Organisers and promoters of events at council venues and at events on outdoor land owned by the council will be encouraged and supported to make the most sustainable choices for their events meaning less waste, more local & sustainable food, using local suppliers and more people travelling by public transport.

One Planet City:

- Brighton & Hove has a long established and well deserved reputation for being a leader in sustainability. The choices that residents and visitors make everyday in the city can make big improvements to the environment and the local economy.
- Nowhere has sustainability been more evident than at London 2012, where many people were struck by the pride in our culture, the efforts made to maximise recycling and the successful movement of huge numbers of people by public transport. This is where Brighton & Hove is heading and by showcasing the city and its attractions to the growing number of people who take sustainability into account when deciding what to buy or where to go, the city could become known across the UK and the world as a sustainable destination, especially given its position on the doorstep of the UK's youngest National Park on the beautiful South Downs.
- We will work with major cultural partners and other venues to support the development of Environmental Management Systems and sustainable practice.

Where we are now

One Planet Council:

The Royal Pavilion and Museums:

- All buildings have sustainability plans in place that focus on energy use, lighting, materials and water consumption and recycling.
- The city's galleries are working towards having flexible and changeable spaces to ensure best use of space and much of the material used is from local collections. There are plans for lighting in the Royal Pavilion Gardens which will draw on the latest technology in terms of sustainability.
- The Keep is a capital development of an archive centre which will be an excellent model of sustainability and create much better access for the public to materials.

Outdoor Events:

- Through its Sustainable Events Programme, the council works in partnership with event organisers to help them improve the sustainability of their events.
- Outdoor events are a major part of the city's cultural offer to residents and visitors. 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.

Venues:

- The city council-run venues, the Brighton Centre and Hove Centre, also work with event organisers to help them improve the sustainability of their events, and there has been significant investment in the Brighton Centre 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.
- We will also work with major cultural partners and other venues to support the development of Environmental Management Systems and sustainable practice.

One Planet City:

- 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.

Partnership working and a local plan for local culture

- 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. The success of this partnership approach is evidenced by the vibrant festival programme including the world renowned Brighton Festival, Brighton Photo Biennial and Cine City. The approach was also adopted for the Biosphere bid: Following an initial presentation to the city's independent cultural partnership, a wider meeting was held (February 2012) which included attendance from the creative industries, schools, council teams, venues, festivals, individual artists, museums, the National Park and National Trust. This generated a two year calendar of engagement events for the Biosphere bid.

- Collaboration in planning and delivery can also draw on extensive networks of creative and cultural organisations both directly and through the Brighton & Hove Arts & Creative Industry Commission. This is the key thematic partnership working on local culture. Independent from the council, but with its identity guaranteed in the council's constitution, the Commission is a powerful partnership from the arts and creative industries to develop policy, raise funds, and deliver programmes, including leading significant cultural events that tackle key strategic issues for the city - such as White Night, which was designed to provide a cultural solution to social issues arising from the city's late night economy. The success of the approach was acknowledged in the city winning a Beacon award for managing the night time economy.

Action	Dates	Led by	Financial Implications
One Planet Council			
Further develop sustainable events programme to achieve new ISO 20121 events standard as well as maintaining the ISO 14001 Environmental Management Systems certification.	Short Term	Brighton Centre Outdoor Events Team Sustainability Team	No additional cost - existing commitment on EMS (annual audit £1,200 pa)
Develop guidance for events organisers with things they can do to make their events more sustainable and link them up with local suppliers	Short Term	Brighton Centre Outdoor Events Team Sustainability Team	Funded from existing staffing resources.
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.	By July 13	Culture, Procurement & Sustainability Teams	Funded from existing budgets.

One Planet City			
Communication, marketing and engagement strategy; a comprehensive programme of engagement using a wide range of media and networks to communicate OPL messages and involve residents and visitors across the city; including Adult learning Group and Brighton and Hove Community Learning Trust (BHCLT), schools networks, CVSF, city partnerships, residents' associations, community library networks, venues and other front facing council facilities.	April 2013	BHCC Communications team and Community Development team	Funded from existing budgets with £20,000 from One Planet Living reserve
To enhance the communications, marketing	Start	BHCC	

and engagement strategy by creating an ongoing environmental exhibition by underpinning the city's calendar of events for the next 12–18 months with accessible and engaging information on One Planet Living. Work with the University of Brighton and other partners on their showcase project 'The House that Kevin Built'. This is a high profile publicly accessible initiative in the city centre. The project will be a research and testing ground for all aspects of sustainable building and living, a live case study rising out of the ground in full public view as the house is built.	April 2013 Start May 2013	culture and sustainability teams with partners	Externally funded
Showcase projects			
Whitehawk Hill project A collaboration between landscape artists Red Earth, archaeologists and the council that seeks to reanimate one of the most significant land monuments of North West Europe. The project may include an innovative scheme to involve and mentor young men living in Whitehawk.	Autumn 2013	Red Earth and RPM RPM	£25,000; £10,000 from the Arts Council England, £5,000 contribution in kind and £10,000 bid to One Planet Living reserve.
Brighton's Ice Age Exhibition to tell the story of human origins and global climate change, including artefacts from extinct species of human, telling a local/global story of universal relevance.	May 2013		Funding from existing resources including Renaissance Museums funding

Medium to Long Term

To develop a permanent city centre location which houses material from the city's considerable natural history collections in an accessible and engaging way. The venue would also function as a parallel visitor centre for the South Downs National Park and a centre for information on environmental issues and sustainable living.

Equity and Local Economy

Equity and Local Economy – One Planet Council and City

The vision is for a thriving, diverse and resilient local economy supporting fair employment, inclusive communities and international Fair Trade.

This should be jointly led by the City Inclusion Partnership, and the Economic Partnership, The Fairtrade Steering Group also has a key role. For the council, the equalities objectives are led by the Equalities Steering Group.

High level objectives – where we want to get to

One Planet council:

- Equity and Inclusiveness physically and socially
- Living Wage paid

One Planet city:

- Growing employment, in particular promoting jobs in the green economy
- Equity and Inclusiveness physically and socially
- Living Wage paid extensively across the city
- Participation rates increasing right across the city
- Brighton & Hove as a hot house for Fair Trade

Where we are now

One Planet council:

Reducing inequality and increasing inclusion

- The council (and other statutory bodies) has important duties under the Equality Act 2010. We are required to have due regard to the need to: eliminate unlawful discrimination, advance equality of opportunity and foster good relations between people who share a protected characteristic and people who do not share it.
- The Act protects people from discrimination on the basis of their ‘protected characteristics’. Protected characteristics within the Act are: age, disability, gender, reassignment, pregnancy and maternity, race/ethnicity, religion or belief, sex, sexual orientation and marriage and civil partnership.
- The council has a corporate priority of ‘Tackling inequality’ which is central to its aims and work.
- In order to fulfil these duties and to meet this priority, the council completes Equality Impact Assessments to evidence that we have given due regard to the impact and potential impact on all people with ‘protected characteristics’ in shaping policy, in delivering services, and in relation to their own employees.
- The council’s Equality and Inclusion Policy covers the period 2012 to 2015 and describes our vision, objectives, key actions and measures to promote, facilitate and deliver equality both within Brighton and Hove City Council and the rest of the city. The policy is supported by an action plan which is regularly monitored and reviewed by internal and external stakeholders.
- In addition to our duties under the Equality Act the council is committed to action that promotes equality and eliminates discrimination in all areas, throughout the community it serves. We have identified a number of groups who may need specific support or services if we are to deliver equality and achieve a truly inclusive city. These groups are often called ‘inclusion groups’.

They may vary according to the service, but include homeless people, unemployed people, people employed on a part-time, temporary or casual basis, lone parents, carers, people with substance misuse issues, refugees, migrants and asylum seekers, ex-offenders, people experiencing domestic and sexual violence, people experiencing socio-economic disadvantage.

- The council supports and encourages staff to join staff groups (Including the Women Workers Forum, the Black and Minority Ethnic Workers Forum, the Disabled Workers Forum, the Lesbian Gay Bisexual & Transgender (LGBT) Workers Forum), which enable individuals to share experiences, raise awareness on the effects of discrimination, have a collective voice with the council in terms of best practice, i.e. policy, procedures and service delivery, and provide networking and information sharing opportunities.
- The council was assessed as 'excellent' in 2011 under the Equality Framework for Local Government Diversity Peer Challenge.

Living Wage:

- The council raised its minimum rate of pay to £7.19 per hour for staff and casual workers on standard rates of pay.

One Planet city:

Employment, in particular promoting jobs in the green economy:

1) Employment, in particular promoting jobs in the green economy

- Our city has been relatively resilient to recession in recent years but cannot be complacent and we still have a very significant number of people out of work.
- A City Employment and Skills Plan (2011-14) and a Brighton & Hove Local Employment Scheme have been developed – the latter is a free recruitment service for local people looking for work in construction and for developers needing the right staff for contract delivery
- In 2012 a 70-people sector Open Space event led to a feasibility study into establishing an environmental industries umbrella group for the city. A working group comprising representatives from the private, public and voluntary sector is developing a business plan with funding proposals.
- The Eco Technology Show 2012 at the Amex stadium had 100+ environmental sector companies exhibiting, 800 Companies attending, 3,000 public visitors and £450,000 worth of marketing value across over 100 trade and consumer press articles, with a national spotlight on sustainability initiatives and environmental businesses locally. In 2013 this annual show will move to the Brighton Centre and will feature fringe events that will further raise the profile of the sector.
- Recent successes have included the retention of American Express in a new building and the Amex Community Stadium development
- A new inward investment website, brightonforbusiness.co.uk was launched recently. Developed in collaboration with the Economic Partnership the website is designed to showcase the city as a business location attracting investment and new jobs
- The council and other agencies have provided support for businesses in carbon reduction, and tailored sustainability business advice; business networking and resource efficiency workshops.
- The Computer Digital and IT sector has seen significant growth in the city providing jobs for the graduate population. Wired Sussex a membership organisation located in the city provides networking and business support

opportunities and has been instrumental in helping to profile the sector and attract investment

- Brighton & Hove Chamber of Commerce has set up a [Green Chamber Collective](#) with the aim of promoting the benefits of green business. Similar environmental industry networks have been established by the universities of Brighton and Sussex
- UTILISE workshops on environmental management for SME's and focusing on energy, water and waste efficiency have been run successfully by the Sustainable Business Partnership CIC
- The Brighton & Hove 10:10 campaign business strand, has encouraged businesses to sign up and cut their carbon and has developed a comprehensive set of case studies; and supporting Albion in the Community in their "Want to Work" Green Champion scheme.
- Business Directories have been developed e.g. the Green Chain website: A directory of businesses offering low carbon technologies and services; and the Brighton Peace and Environment Centre published a [Green Guide](#) to local suppliers and services.
- Sussex learning Network has commissioned research into the future skills needs of the environmental industries. The report due for publication in April will help to inform curriculum for Further and Higher Education institutions.
- A [Green Brighton Guide](#) for visitors has been produced with the support of Visit Brighton and Visit Britain as well as a Green Traveller Guide and a LoveBrighton Eco Facebook page for up to date information for visitors.
- A successful ultrafast broadband bid has been submitted by the city to government; this new investment in communication infrastructure will be targeted toward the city's business district, in particular the New England Quarter to the city's creative industries hub
- Government funding was secured for a study looking into the feasibility of integrating smart city systems and a City Deal with government is being sought for the City Region.
- A new supply chain website is being developed to ensure that local contractors are able to compete for contracts linked to the Rampion Windfarm. The website which is funded by a partnership comprising Sussex local authorities, the Coastal West Sussex Partnership, Marine South East and Eon is expected to go live at the end of the year.
- Low carbon business growth has been boosted by a new creative hub being launched in April. Wired Sussex in collaboration with the City Council is launching the Fusebox in April 2013. The Fusebox will promote greater collaboration between artists and digital media and IT businesses. Users of the hub will be working on activities linked to festivals and events along with exhibitions and workshops providing business support and networking.
- Funding has been secured to help local creatives make use of empty shop front premises. These meanwhile spaces will help to ensure that high streets remain vibrant places to visit while new, permanent occupants are found for the premises
- *Equity and Inclusiveness physically and socially:*
- Digital and Financial inclusion are being tackled strategically and an extensive financial inclusion programme has been developed.

Living Wage:

- In October 2011, a Living Wage Commission for the city was established

- The Brighton & Hove Living Wage Campaign spearheaded by the city Chamber of Commerce has signed up more than 30 employers pledging to pay the minimum wage.

Participation:

- The [City Engagement Partnership](#) has been established
- The city's [Community Engagement Framework](#) has been signed up to by all the city's key public sector bodies and the family of partnerships
- A new community development strategy and commissioning programme has been established
- Council annual budget setting has been done with new processes to ensure wider public participation including a consultation event with the business community
- Encouraging volunteering as stated in [Joining the Dots – a triple impact volunteering strategy](#) for Brighton & Hove 2010-15
- The Community and Voluntary Sector Forum in the city is to have a leading role in developing and challenging for wider participation in city decision-making

Supporting Fair Trade:

- We are a Fair Trade city
- A city Fair Trade Steering Group has been re-established
- A new website has been developed
- Annual Fair Trade city wide events include Fairtrade fortnight, World Fair trade day and the Christmas Fair Trade market
- We integrate and invite Fair Trade to participate in all events where appropriate

What we're going to do

Action	Dates	Led by	Financial Implications
One Planet Council			
Implement Brighton & Hove City Council Equality and Inclusion Policy, Action Plan June 2012	2012-2015	BHCC, Strategic Partnership and Public Service Board	Funded from within existing resources.
One Planet City			
Review and revise the city's economic strategy using One Planet Living principles	By May 2013	Economic Partnership, BHCC	Funded from within existing resources.
Implement the skills and business support priorities in the City Employment & Skills Plan.	Now-2014	City Employment & Skills Group	EU and external funding bids.
Secure funding to take forward the business plan for setting up an agency to develop the city's environmental industries and services sector	Produce Plan by May 2013	Env Industries Working	Funded from within existing resources.

		Group BHCC	
Develop city Eco Tourism strand	2012/13	Visit Brighton, BHCC SDNP Private sector	Existing budgets & commercial funding
Finalise Seafront Strategy and implement initial actions – King’s Road Arches; Consider Brighton Bathing Pavilion Scheme.	Short Term	BHCC, private sector, partners	Funded from within existing budgets.
<i>Ultra Fast Broadband based on bid to government :</i> <i>Wireless City</i> - roll out of outdoor web access for phones, tablets and other portable devices within the central commercial and business districts of the city, including the sea front. Investment will include a network of low voltage wireless units mounted primarily on council property assets notably lamp columns and buildings. <i>100% coverage of superfast broadband:</i> This will accelerate and extend the roll out of new exchange cabinets across the city providing more extensive fibre optic cabling. <i>Commercialisation of ‘dark fibre’</i> To improve connectivity and capacity.	Short Term	Wired Sussex BHCC	Commer- cially sponsored. Subject to match funding commit- ments from the main infra- structure providers.
The City’s overarching cross sector working forums, the Brighton & Hove Strategic Partnership and the Public Service Board formally endorse £7.20 as a living wage for the city	Short term	BHCC BHSP PSB	Funded from within existing resources
Develop Fair Trade action plan and programme with city Fairtrade Steering Group	Short Term	Fair Trade SG BHCC	Funded from within existing resources.
Embed engagement into decision-making processes by supporting the work of the City Engagement Partnership	Short - Medium Term	CEP Communi- ties & Equalities Team	Funded from within existing resources to 2016.
Pilot neighbourhood governance models in Hollingdean & Stanmer ward; and Whitehawk & Bristol Estate. Alongside the pilots the City Council will continue to support community development	By June 2013	Communi- ties & Equalities Team	Funded from within existing resources.

work and other community initiated work such as developing neighbourhood plans and activities associated with localism.			
Support community and voluntary sector organisations by agreeing a package of three year discretionary support for the sector for 2013-16. Agreed support and funding for the Transforming Local Infrastructure Project to include effective support for volunteers and implementation of Citywide Volunteering Strategy	Short term	Communities & Equalities Team	Funded from within existing resources.
Develop stronger city region governance models to support investment in jobs and business growth	Short term	City Regeneration Unit	Funded from within existing resources

Medium Term

- Further develop eco tourism strategy
- Refresh the Social Enterprise Strategy to reflect the city's social economy
- Implement the Living Wage Commission recommendations
- Assess the impact of the two neighbourhood governance pilots and propose further activity across the city
- Work with the Coast to Capital Local Enterprise Partnership to ensure that the Regional Growth Plan reflects local priorities including support for the environmental industries

Long term actions:

- Evaluate a more radical re-branding of visitor services and the profile of the city as a destination in line with Brighton & Hove as the number one eco-destination of choice.

Health & Happiness

Health & Happiness – One Planet Council

The philosophy underpinning One Planet living is to create a sustainable future, in which happy and healthy people thrive and contribute to the overall aim of maintaining the earth's resources for future generations.

This principle focuses on the values, beliefs, factors and actions to promoting health and happiness in both our workforce and city wide employed communities.

Within the council, this work is led by its Human Resources and Organisational Development team (HROD), in partnership with internal teams and partners within the local and national community to create a sustainable and happy workforce.

High level objectives – where we want to get to

One Planet Council:

- Identifying and reducing localised health inequalities through partnership working, improving access to affordable resources
- Creating an environment where employees are able to take personal responsibility for improving their own health and wellbeing
- Improving access to work and retention of employees with health related condition
- Reducing sickness absence through proactive, preventive measures
- Targeting and addressing specific issues within the work environment
- 'Respect' being an organisational value and council colleagues show respect to each other and their perceptions confirm this

Where we are now

- ✓ The council recognises that its employees are its most valuable resource.
- ✓ The People Strategy 2011-15 outlines senior leadership commitment to; providing clarity on organisational purpose and ambition, a description of expected workforce behaviours, a revised individual performance management system that measures the 'what' and the 'how' of delivery and a supportive learning & development programme.
- ✓ For the organisation, wellbeing is not just about quality of life, but also about the organisation's culture, its leadership and its resources.
- ✓ Feedback from the most recent staff survey demonstrated that the council has flexible working arrangements that are recognised and appreciated by the workforce.
- ✓ We have selected a new occupational health provider and since 2012 have supported colleagues to manage their own physical and mental health and wellbeing.
- ✓ The council monitors employee wellbeing and satisfaction and can provide evidence of work-based improvements.
- ✓ The council recognises that (nationally) despite improvements to working conditions, sickness absence is still increasing. New and innovative approaches to addressing this are under review.

- ✓ A review on our approach to the highest cause of absence (stress) is currently underway
- ✓ Colleague involvement and engagement is important to us and we see engagement as both an 'outcome' and a 'process'.
- ✓ We continue to develop our employment policies to retain skills and experience and meet the needs of all generations in the workforce and working patterns and styles.
- ✓ Our involvement in the Healthy Cities Partnership means we work with key partners to target health inequalities through access to current resources and initiates rethinking our traditional approach to health and engaging employees.
- ✓ Recognition of the detrimental impact of workless-ness on populations and the positive impact that work has on health and that work is good for health.

What We're Going to Do:

Action	Dates	Led by	Financial Implications
Describe the behaviours we expect from all colleagues and staff can evidence how they put them into practice	April 2013 Behaviours launched end April 2013 Staff Survey results – Nov/Dec 2013 Investors In People Reviews – ongoing	HR&OD working in partnership with senior officer leaders.	Within existing budgets
Providing access to wellbeing interventions that are designed in response to need and accessibility and in response to National initiatives i.e. Non Smoking Day, Flu campaign, Cancer awareness interventions.	Ongoing Support awareness campaigns for minimum of 4 well-being awareness topics annually.	HR&OD working in partnership with local managers	Within existing budgets
Protect the health of our employees by increasing the uptake of occupational immunisations and health surveillance as identified by risk assessment Develop an awareness campaign on blood borne viruses that can be used city wide both in and outside of BHCC.	Establish a database of health surveillance roles by June 13. Increase uptake of occupational immunisations by 10% in 2013-14. 2013 -2014	HR & OD	Within existing budgets
Maintain our solid commitment to dignity at work though the introduction of organisational	Behaviours launched end April 2013	HR&OD	Within existing budgets

values and behaviours.	2013 Staff Survey results – Nov/Dec 2013 Investors In People Reviews – ongoing		
Embed the revised individual performance management system to include ‘what’ gets delivered (outcome) and ‘how’ it gets delivered (behaviour).	Revised March 2013 2013 Staff Survey results – Nov/Dec 2013 Investors In People Reviews – ongoing	HR&OD working in partnership with senior officer leaders.	Within existing budgets
Align the learning and development programme to support colleagues in demonstrating the new behaviours.	Updated learning programme Sept’13 2013 Staff Survey results – Nov/Dec 2013	HR&OD working in partnership with senior officer leaders.	Within existing budgets
Encourage staff to take personal responsibility for their own health and wellbeing; increase awareness and uptake to the Wellbeing Vitality Portal from 332 users to 10-20% of the employed population by year end.	Staff messaging – ongoing Monitor uptake of the Wellbeing Vitality Portal on an annual basis - October/November 13.	HR & OD	Within existing budgets
Reduce long term sickness absence as it is not beneficial to health; establishment of working groups in delivery areas.	Council target of 9 days/person/year. Monitor sickness levels through monthly reports to services and quarterly OPD reports to management teams. Pilot early intervention pathways focusing on MSD’s and stress by September 2013 Aim for a 50% reduction in the time to refer into OH by April 2014. Currently standing at 54 days.	HR & OD	Within existing budgets
Improved messaging of Counselling service to employees and managers to improve awareness.	Review of occupational health services signposting - June 2013	HR & OD working in partnership with internal communications	Within existing budgets

Through the review of stress management, develop awareness, advice and practical actions on how to positively manage and support stress in the workplace.	Stress review project to report April 2013. Resultant action plan to be agreed April 13 and monitored during 13/14.	HR & OD	Within existing budgets
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Health and Happiness – One Planet City

One Planet Living is defined as a future where it is easy, attractive and affordable for people to lead happy and healthy lives within a fair share of the earth's resources. This section focuses on initiatives which promote health and happiness.

This section includes areas of work overseen by the newly established Health and Wellbeing Board, as well as the Healthy City Partnership.

From April 2013 local authorities take the lead for improving the health of their local communities. Therefore there is a currently transitional period around funding and this action plan will need to be updated.

High level objectives – where we want to get to

- The One Planet vision is to make it easy, attractive and affordable for people to lead happy, healthy lives within their fair share of the earth's resources.
- The Council, partner organisations, communities, residents work together to support people to achieve and maintain a healthy life and to reduce health inequalities across the City.
- Brighton and 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.

The aspiration is a reduction in the difference in healthy life expectancy between communities through greater improvements in more disadvantaged communities. This is a high level outcome in the new national Public Health Outcomes Framework. However currently this requires Census data to construct at Local Authority, and thus it will only be reported every 10 years. Differences in overall life expectancy are now available annually for local authority areas.

Other outcome indicators that are relevant include:

- **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:** indicator to be defined as part of Stage I of this initiative which is to ensure our physical and social environment promotes healthy and active ageing and a good quality of life for older residents.

- **Alcohol and substance misuse services:** Successful completion of drug treatment
- **Improving sexual health:** Reduced repeat sexually transmitted infections
- **Improve health and wellbeing through the workplace:** Number of workplaces who are engaged in supporting employee's in improving their health & wellbeing.

Where we are now

- Brighton and Hove residents are happier, more satisfied & feel their life is more worthwhile compared with the UK average (Office for National Statistics 2012). However, the local Joint Strategic Needs Assessment 2012 highlights that the City has higher than average mental ill health needs and persistent health inequalities.ⁱ
- The local City Tracker survey shows a high level of satisfaction with Brighton and Hove as a place to live.
- The newly established shadow Health and Wellbeing Board has developed a Health and Wellbeing Strategy for Brighton and Hove. This will be published in 2013. The strategy has five key priorities including Emotional Health and Wellbeing (including Mental Health), dementia, smoking, healthy weight and nutrition, and cancer & cancer screening. A mental health promotion strategy for the City is being written to support the Emotional Health and Wellbeing action plan.
- Brighton and Hove is a member of the World Health Organisation (WHO) Healthy City programme. The Healthy City Partnership has overseen action to promote active living, healthy workplaces and healthy urban environments.
- Programme Boards for alcohol, substance misuse and obesity have recently been established to coordinate tackling these challenging areas. A programme board for sexual health will be established during 2013.
- Membership of WHO Global Network of Age Friendly Cities has been agreed by the council as part of plan to achieve Age Friendly City Status.

What we're going to do

Action	Dates	Led by	Financial Implications
<i>Develop and deliver an emotional wellbeing promotion strategy</i>			
Engage local people about happiness and wellbeing, to inform development of the strategy action plan, focusing on the 'five ways to wellbeing': connect; be active; take notice; keep learning; give.	2013	BHCC and partners	Within existing budgets
Measure local progress against <i>No Health Without Mental Health</i> implementation plan (the national strategy – will include determinants of mental wellbeing such as parenting, green spaces, older people at risk of isolation).	2013	As above	Within existing budgets
Launch and delivery of strategy action plan.	2014-19	As above	Within existing

Action	Dates	Led by	Financial Implications
			budgets
Promote active living			
Deliver a programme to increase active living (including activities such as Active for Life, Healthwalks, TakePart) that: <ul style="list-style-type: none"> • Addresses inequalities • Meets the needs of priority groups for active living • Is informed by public consultation • Is evidence based and consistently evaluated 	Short term and ongoing	BHCC, in partnership with providers	Within existing budgets
Implement the new 'Sports Facilities Plan 2012-2022' including Extend Health and Fitness facilities at Withdean Replace athletics track at Withdean	By Jan 2014 2013	Sports facilities team; Freedom Leisure	£2.6m self funded £500,000 including £150,000 from Sport England
Agree local response to recently published NICE guidance on walking and cycling http://guidance.nice.org.uk/PH41	2013	BHCC	To be determined
Increase the number of children and young people using active travel as their main method of travelling to and from school.	Ongoing	BHCC (Sustainable Transport; Public Health; Healthy Schools Team)	Within existing budgets
Increase the capacity of sports clubs and organisations to provide opportunities and engage local residents of all ages.	Ongoing	BHCC Sports Development	Within existing budgets
Implementation of the Sport and Physical Activity Strategy to: <ul style="list-style-type: none"> ▪ Inspire more people to participate; ▪ Optimise the social and health benefits; ▪ Improve equality of access & remove barriers to sporting opportunities. 	Short to medium term: 2013-18	BHCC	To be determined
Age Friendly City			
Establish multi-agency steering group to: <ul style="list-style-type: none"> • oversee programme to achieve World Health Organisation Age Friendly City (AFC) status • Agree and sign up to 'Active Ageing' strategy 	2013	Public Health with Community and Voluntary sector, NHS, BHCC	Within existing budgets.

Action	Dates	Led by	Financial Implications
Conduct self assessment of City's current position against WHO Age Friendly City framework.	2013-14	AFC Steering Group	Within existing budgets
Engage and consult with the public, including a Big Debate at People's Day and Older People's Day 2013/14.	2013	AFC Steering Group	Within existing budgets
Development of alcohol and substance misuse services			
Deliver the post- <i>Big Alcohol Debate</i> action plan to change the drinking culture in the city focusing on the following themes: <ul style="list-style-type: none"> • Alternatives to alcohol • Availability • Price • Education 	Short to long term actions	Alcohol Programme Board	Within existing budgets
Deliver 'Golden Thread' action plan to support recovery and reintegration of people with alcohol or substance misuse issues. Health trainer service to support people leaving drug and alcohol services to remain substance free.	Ongoing	Alcohol and Substance Misuse Programme Boards	Within existing budgets
Embed wellbeing into the design and delivery of alcohol and substance misuse services (outcomes tracked using SMART measures)	Short term	Alcohol Programme Board	Within existing budgets
Ongoing development of service user involvement in alcohol and substance misuse services e.g. <ul style="list-style-type: none"> • Annual consultation event • Service user forums • Service User Involvement Worker 	Ongoing	Alcohol and Substance Misuse Programme Boards	Within existing budgets
Improve sexual health			
Facilitate a networking event to bring together stakeholders, service users and potential collaborators to improve sexual health in the City	2013	Public Health / sexual health clinical reference group	Within existing budgets
Establish a Programme Board and subgroups for sexual health to cover: <ul style="list-style-type: none"> • Sexual health promotion and HIV prevention • Increasing access to testing and treatment • Improving access to contraception • Building service user engagement 	Ongoing	Public Health	Within existing budgets

Action	Dates	Led by	Financial Implications
<ul style="list-style-type: none"> • HIV social care • Improve data and information 			
Develop and deliver a sexual health programme action plan with clear, measurable outcomes.	Short/medium term Outcomes updated annually	Public Health and programme board	Within existing budgets
<i>Improve health and wellbeing through the workplace</i>			
Healthy City Partnership (HCP) to promote the Workplace Wellbeing Charter to business, with advice and support to achieve charter status.	Short term	HCP workplace health sub-group	Within existing budgets
Continue to promote NHS Health Checks to business.	Short term	HCP sub-group Economic Partnership	Within existing budgets
Promote and provide opportunities for business/employees to take part in physical activity at work.	Short and medium term	HCP workplace health sub-group Health Development Team	Within existing budgets
<i>Integrate evidence on wellbeing into local needs assessment and decision making</i>			
Integrate an 'assets approach' into the Joint Strategic Needs Assessment (JSNA) reflecting community resilience, strengthening community networks and recognising local expertise.	By 2014	City Needs Assessment Steering Group	Within existing budgets
Analyse happiness and wellbeing questions included in the 2012 Health Counts survey to examine differences across the city and in different groups	Sept 2013	Public Health	Within existing budgets
Conduct Health Impact Assessments on major building projects	Ongoing	Planning Public Health Transport	Within existing budgets

Other principles of the plan will also contribute to health and happiness, such as Local and Sustainable Food, Sustainable Transport and Equity and Local Economy (e.g. benefits to health and wellbeing from employment and volunteering).

ⁱ Brighton and Hove Joint Strategic Needs Assessment 2012 <http://www.bhlis.org/jsna2012>