

Middlesbrough's One Planet Living Action Plan

Working Draft at 18 July 2011

Outline of the Draft Action Plan

Foreword by Ray Mallon, Mayor of Middlesbrough

Preface

Why One Planet Living?

Context and Background

Overarching Issues

- Ecological and carbon footprinting
- Greenhouse gases
- Adapting to climate change

Proposed Actions for the 10 One Planet Principles

- An explanation of the format
- The 10 principles
 - Zero Carbon
 - Zero Waste
 - Sustainable Transport
 - Sustainable Materials
 - Local and Sustainable Food
 - Sustainable Water
 - Land Use and Wildlife
 - Culture and Heritage
 - Equity and Local Economy
 - Health and Happiness

Delivery Mechanisms

- Leadership
- Business planning and performance management
- Periodic reviews, and annual updates
- Environmental management systems
- Sustainability appraisal of projects and changes to policy
- Training and awareness raising
- Neighbourhood One Planet Living sustainable community
- Communication strategy

Why One Planet Living is Especially Important Now

Further Information

Foreword

We all depend entirely on the natural environment to meet our basic needs such as food, clothing and shelter plus the added extras that help us to enjoy life – holidays, computers, televisions and so on. However, many of the things we do to make a better life for ourselves usually come at an environmental cost. The more resources we use, the harder it is for our natural world to provide for us in the future.

Estimating the area of land and ocean that local residents require to provide the resources we use, can help us understand our environmental impact. For example, with a current world population of 6.9 billion, each person's fair share is 1.8 hectares – roughly the size of four football pitches. The average UK resident requires nearly 5 hectares – about 12 football pitches – to support their current lifestyle, and Middlesbrough is typical of the whole country. This means we are living as though we have three planets to provide for our needs, which, to use a technical term, means it is not a 'sustainable lifestyle'.

One Planet Living® is how Middlesbrough is branding its approach to 'sustainability'. The One Planet Living framework adopted by Middlesbrough Council and partners is built around the ten principles that relate to environmental, economic, and social aims. By gradually making changes to the way we do things we will be able to make Middlesbrough a more sustainable community – which simply means living a quality life within the resources the planet can provide.

The challenge is for society to use less resources; as individuals, families, employers and as organisations, ideally to get more value from less resources. In these times of financial restraint, Middlesbrough Council will be using the One Planet Living model to reduce costs, to increasingly become more efficient and to help the local community improve their quality of life and think more about what they value most.

In September 2010 I asked for an Action Plan to be prepared for public consultation. The consultation process is now complete. This updated Action Plan now addresses the priorities and aspirations of Middlesbrough Council and local residents who responded to the public consultation.



Ray Mallon, Mayor of Middlesbrough

June 2011

Preface

This One Planet Living Action Plan for Middlesbrough has been prepared to help the Council, its partners, and the whole community address the serious environmental and sustainability challenges that we're all faced with. It explains how, by adopting and applying the concept and principles of One Planet Living, everyone in Middlesbrough can contribute towards ensuring the town has a sustainable future. This means being innovative and imaginative in the way we use the resources available to us, improving residents' quality of life, and stimulating the local economy.

The programme of short, medium, and long-term actions related to the ten one planet living principles is designed to help Middlesbrough continue to enhance people's health and well-being, while dealing with the severe restrictions in resources that lie ahead. By taking on board the responses obtained from extensive public consultation, this updated action plan focuses on the priorities of the local community.

This action plan is continually evolving, in response to changing circumstances and as more and more organisations and individuals sign up to the One Planet Living approach. The main focus of this current document is actions being undertaken by Middlesbrough Council – within the Council and in partnership with other organisations and local residents. Middlesbrough Council has adopted the principles as the framework for its work on sustainability, and presents these actions as a starting point to encourage organisations and individuals throughout the town to identify actions they can take themselves or influence. Partners including the Fabrick Housing Group and Macmillan Academy are already developing and delivering their own One Planet action plans, contributing towards making Middlesbrough a One Planet community.

As more organisations and individuals engage in one planet living activities, the action plan will be revised to reflect the expanding programme.

Why “One Planet Living”?

We all know we have only one planet to support the human race, but current lifestyles in developed countries do not reflect this. We depend entirely on the resources and services the Earth supplies to maintain our day-to-day standards of living. Most people are also aware that the human population is putting increasing pressures on the natural environment, by drastically diminishing stocks of some finite resources such as metal ores, reducing areas of renewable natural resources such as forests, emitting pollution into the atmosphere and waste materials onto land and into rivers and seas. By expanding our exploitation of limited resources we are drastically reducing the ability of everyone, including all life on earth, to thrive and even to survive.

If everyone in the world used resources to the level that we in the UK do, it would take three planets to support the human population. This level of impact that we as individuals and societies are having on the planet is expressed simply as our “eco-footprint”, from estimating the area of productive land and sea needed to provide the resources used by our various activities. By adding up the areas required by all of our activities, we can arrive at our own eco-footprint, expressed in ‘global hectares’.



With some 11.9 billion global hectares of available productive land and sea around the world, and a human population of 6.7 billion, a fair share of the Earth’s resources would be approximately 1.8 hectares per person, but the average UK footprint is about 5 global hectares (gha), and our studies indicate that Middlesbrough’s footprint is much the same.



Across the world as a whole, the impact of human activity is already 50 per cent greater than the planet’s natural systems can sustain. Put another way, it would take the Earth 18 months to regenerate the renewable resources that we use in 12 months. If we carry on like this, the capacity of the natural environment to meet our needs will decline ever more quickly.

Global Ecological Footprint

Human demand on the biosphere more than doubled between 1961 and 2007 (Global Footprint Network, 2010)

One planet living is a vision of a sustainable world, in which people everywhere can enjoy a high quality of life within the productive capacity of the planet.

The One Planet Living® model was developed by BioRegional and WWF. Middlesbrough Council is working closely with BioRegional, a forward looking charity, to develop and implement a one planet living programme for Middlesbrough.

The One Planet Living model is based on the following ten guiding principles of sustainability, which provide a framework to help us all enjoy a high quality of life within a fair share of the earth's resources. By considering the ten principles in a given situation, solutions to the challenges facing society become more apparent.

Zero carbon	Making buildings more energy efficient, and using energy from renewable sources
Zero waste	Reducing waste, re-using and recycling, minimising the amount going to landfill
Sustainable transport	Using public transport, cycling and walking, and reducing the need to travel
Sustainable materials	Using materials and products from sustainable sources, produced locally
Local and sustainable food	Choosing local, seasonal foods, and reducing food waste
Sustainable water	Using water efficiently, reducing waste; tackling flooding and pollution of watercourses
Land use and wildlife	Protecting wildlife and restoring natural habitats, through appropriate use of land and the built environment
Culture and heritage	Strengthening local identity and sense of well-being; supporting and participating in the arts
Equity and local economy	Creating a local economy that supports fair employment and fair trade, and strengthens local communities
Health and happiness	Encouraging active and sociable lives, helping people to enjoy high levels of good health and well being.

The framework provided by these 10 principles can be used to review how well sustainability issues are already being addressed by a policy or project proposal, to identify areas where more attention is needed, and to help develop actions to achieve more sustainable outcomes. While it is very valuable to look at each of the principles individually, it is also important to understand the close links between principles, and to look for ways of achieving a range of beneficial outcomes. For example, one of the benefits of local food production is reducing the need for transport, which is addressed primarily under the Sustainable Transport principle. Adopting the principles as an integrated framework will help us to reduce our negative impacts on the planet's ability to sustain life, and to improve local people's quality of life.

Context and Background

Middlesbrough Council has adopted the One Planet Living model, developed by BioRegional and WWF, to help ensure that sustainability is embedded into the delivery of the vision for Middlesbrough shared by the Council and its partners, that by 2023:

Middlesbrough will be a thriving, vibrant community where people and businesses succeed.

All Local Authorities and Local Strategic Partnerships now operate in a framework that includes responsibilities to move towards sustainable development. Key components of this framework include the Sustainable Community Strategy, a long-term plan that contributes to sustainable development.

Integrating sustainability into Middlesbrough's performance framework took a step forward with an enhanced sustainability policy statement adopted in 2008, following discussions with Forum for the Future and BioRegional.

Sustainability is an underlying principle of the Sustainable Community Strategy, which is designed to make major improvements in the town, but will also have a much wider impact. The One Planet Living model was used in the development of the new document to assess the wider effects of each of the Strategy's themes. One Planet Living is being used by the Council and the Middlesbrough Partnership to help communicate and promote understanding of sustainable development.

This One Planet Living Action Plan has been prepared following extensive consultation with local residents and organisations. Contributions from people in all sections of the Middlesbrough community have been incorporated to make sure that practical and effective ways of making sustainable progress are established in a way that benefits everyone.

Overarching Issues

While the 10 principles provide the basis for the One Planet Living model, also included in Middlesbrough's One Planet Living programme are cross cutting issues, such as eco-footprinting, tackling greenhouse gas emissions, and adapting to climate change, that cannot be dealt with under any one principle alone.

Ecological and Carbon Footprinting

Ecological footprinting is a way of tracking our supply and use of natural resources, by documenting the area of biologically productive land and sea that a given population requires to produce the resources it consumes and to assimilate the waste it generates. The methodology can then be used to compare the calculated

ecological footprint with the actual total area of biologically productive land and sea available on earth; this can tell us if we are living within, or exceeding, the earth's capacity for re-generating the resources we have used. In this way we can measure the environmental impacts of a process, product, community, region, organisation or an individual's lifestyle.

The ecological footprint for the average UK resident is 5 global hectares. BioRegional have prepared a report on Middlesbrough Council's environmental impacts, in terms of greenhouse gas emissions and ecological footprint. For the town as a whole, a typical Middlesbrough resident has an ecological footprint close to the national average, showing a three planet lifestyle – far beyond our fair share. By adopting the One Planet Living approach we can all help to reduce the impacts our lifestyles are having on the natural environment, on which we are entirely dependent.



Ecological footprint of average Middlesbrough resident (Total 5.1 gha / cap)



A **carbon footprint** is a measure of carbon dioxide emissions that are caused by an activity or are accumulated over the life stages of a product. We are all responsible for emissions of carbon dioxide through: using fossil fuel energy to heat and light our homes and other buildings, creating waste, travelling in petrol and diesel driven vehicles, using products that have been manufactured using fossil fuels, and consuming food whose production has given off carbon emissions. Some of 'our' emissions are direct emissions, such as from burning gas to heat our homes and workplaces; others are indirect, such as the carbon emitted in preparing and supplying the materials used in constructing the buildings we use.

Middlesbrough Council's overall carbon footprint – estimated to be 124,200 tonnes of carbon dioxide equivalent (tCO₂e) for 2008-09 – includes emissions for which the Council is both directly and indirectly responsible. The measures, which the Council is required to report on, focus on direct emissions. However, BioRegional have calculated that indirect emissions of greenhouse gases from purchasing goods and services are actually greater than direct emissions from energy use in buildings, street-lighting, and transport.

Greenhouse Gases

It is widely accepted that the planet's climate is changing and that these changes are, at least partly, a direct result of the increase in the emissions of greenhouse gases due to human activity. Climate change is one of the greatest global threats and tackling this issue is high on Middlesbrough Council's agenda. In partnership with many other organisations, the Council works to reduce the greenhouse gas emissions that Middlesbrough is responsible for, to help to lessen the impacts of climate change. The main greenhouse gas is carbon dioxide, which is given off whenever fossil fuels such as oil, gas, and coal are burnt. Through energy efficiency measures such as insulating our homes and other buildings, and by cycling and using public transport rather than a car, we can all reduce our own carbon emissions.

Information about greenhouse gas emissions is often given just in relation to emissions arising from local consumption under the direct control of the organisation. In a detailed study of the emissions for which Middlesbrough Council was responsible in 2008, BioRegional's researchers identified that more than half of those emissions related to the goods and services bought.

Table 1: Summary of total GHG emissions from Council activity.

Sector	Greenhouse gas emissions	
	TCO ₂ e	% of total
Built environment energy	53,000	43%
Transport	7,200	6%
Procurement	64,000	52%
Total	124,200	100%

Greenhouse gas emissions

Greenhouse gases are those that trap heat within the Earth's atmosphere, thereby causing global temperatures to rise, and climatic processes to change. Carbon dioxide is an important greenhouse gas as it is produced in such large quantities. However, two other gases, methane and nitrous oxide, are also important because, for a similar amount of gas, they make a greater contribute to global warming than carbon dioxide (21 and 310 times respectively). For this reason the greenhouse gas footprint calculated for Middlesbrough Council includes all three gases.

The combined effect of all greenhouse gases in the atmosphere is expressed in terms of the equivalent amount of carbon dioxide which would produce the same effect; therefore it is typically expressed in 'tonnes of carbon dioxide equivalent' (tCO₂e).

As the aim of the One Planet Initiative is to lead the way and achieve the highest levels of sustainability, Middlesbrough, once endorsed as a One Planet Region, will enable a trajectory resulting in an 80% cut in consumption-based emissions across the whole town by 2025 and a 90% cut by 2030.

Adapting to Climate Change

Even if all greenhouse gas emissions were stopped today, previously released gases would continue to affect our climate for at least the next 50 years. As emissions are actually still increasing, we can expect climate change to continue for many decades to come. All the signs are that Middlesbrough will experience hotter summers, wetter winters, and more extreme weather events as the atmosphere warms up. Therefore, the Council is working to ensure that Middlesbrough will be able to cope with these changes, by, for example, improving our drainage systems, designing more efficient buildings, and adapting dress codes to suit the warmer weather.

Middlesbrough Council is developing plans to help people adapt to the inevitable changes in the climate. In line with requirements of the previous National Indicator 188, "Planning to Adapt to Climate Change", Middlesbrough's Climate Change Adaptation Action Plan considers risk areas for the predicted impacts of climate change and identifies how the Council is working to combat these changes. The Adaptation Action Plan in conjunction with the one planet living principles will guide the Council's and partners' work over the next 40 years to help the community to cope with the consequences of climate change.

Plans are being prepared to deal with the likely consequences of climate change in our region, including:

- Increasing numbers of some unwanted pests
- The need to adjust maintenance activities like hedgerow cutting to match changes in plants' growing seasons and the breeding seasons of wildlife
- The greater potential for damage to buildings due to materials expanding more in the higher temperatures, and heavy rainfall leading to water getting into elements of the building structure
- Increased flooding and erosion of public footpaths and cycleways, due to heavier winter rainfall and more frequent intense storms
- Risks to public health.

Middlesbrough's Climate Change Adaptation Action Plan has been integrated into the One Planet Living programme, and is presented in the same format as the actions on the 10 One Planet principles, towards the end of this document.

Proposed Actions for the 10 One Planet Principles

An Explanation of the Format

The purpose of this section of the action plan is to identify actions to be taken in the short, medium, and long term towards making Middlesbrough a 'One Planet' town. For each of the 10 principles a brief statement is given of what achieving one planet living would mean in relation to that particular principle. As the majority of the initial actions in this version of the action plan are the responsibility of Middlesbrough Council, each principle's 'vision' includes a statement applicable to the whole town and highlights implications to the Council. This establishes for each principle the direction in which progress is required.

Independent of the One Planet Living programme, actions are already being taken that contribute to the goals of the One Planet principles, so information is provided on the current situation regarding measures relevant to each principle. This helps to establish a foundation on which One Planet Living action programmes can be built, and also helps to identify gaps and weaknesses that need to be addressed if the challenge of one planet living is to be met. Key existing documents which have a strategic link and significance are identified for each of the 10 principles.

For this version of the action plan, 'short term' has been defined as financial years (1 April to 31 March) 2011-2012 to 2013-2014; 'medium term' refers to the three financial years from April 2014 to March 2017; and 'long term' covers the eight years from April 2017 to March 2025.

For each time period, desired outcomes have been identified to describe the level of contribution anticipated towards the ultimate one planet living goal. Indicators and targets are then presented which are to be used to monitor progress towards achieving the desired outcomes. Specific actions are listed to show what is to be done within the specified time period to contribute towards achieving the desired outcomes. Responsible officers, service areas and organisations are identified, and, wherever possible, information is given on costs and funding sources. This framework of indicators, targets, and actions will allow periodic monitoring and reporting of progress.

Principle No. 1



Zero carbon

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

One Planet Vision

The One Planet vision is that all buildings will be energy efficient and run completely from renewable energy.

Middlesbrough Council will seek to reduce its emissions of carbon dioxide (CO₂) from buildings by 90% by 2025 through energy efficiency, on and off site renewable energy, and offset measures, and will explore innovative ways of achieving 100% reduction with annual reviews of technology and techniques and funding packages.

Middlesbrough Council and key partner organisations will also help to reduce CO₂ emissions from domestic properties and from non-Council public and private sector premises, by supporting projects that help individuals, local community groups and companies adopt a trajectory towards zero carbon.

Current Situation

The Carbon Reduction Commitment Energy Efficiency Scheme (CRC), in force from April 2010, is assisting the Council to establish measures to reduce carbon emissions from its own premises in the order of 50% over the next ten years.

Middlesbrough Council is signed up to the European Union's Covenant of Mayors scheme. This requires a reduction of CO₂ emissions across Middlesbrough of 21% by 2020 based on a 2005 baseline. Through the Affordable Warmth Steering Group, action is ongoing to ensure all homes in Middlesbrough are energy efficient and householders can afford to heat their homes to a reasonable temperature. Between 2005 and 2010, 1,600 homes in Middlesbrough received cavity wall and loft insulation through programmes such as Warm Front.

Middlesbrough Council contributes to the Middlesbrough Climate Change Partnership's targets for reducing the town's carbon dioxide emissions by a minimum reduction of 21% by 2020, based on a 2005 baseline, with an aspirational target of 31% by 2020.

NHS Middlesbrough is working to government targets for reducing energy consumption and emissions. Measures include A-rated printing equipment and energy efficient light bulb replacement.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Zero Carbon through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Corporate carbon reduction action plan
Accommodation Strategy
Middlesbrough's Climate Change Community Action Plan
Affordable Warmth Strategy
Local Development Framework
Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM **April 2011 to March 2014**

Desired Outcomes

A reduction in carbon emissions from Council buildings of between 24 and 27% from 2009/10 to 2013/14

4% of the energy consumed in Council buildings generated by renewable energy technologies

Year on year reductions in carbon dioxide emissions from dwellings and other non-Council buildings

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Total carbon emissions for the Council's property portfolio.	Energy Management Unit	24,483 tonnes CO ₂ in 2009/10	18,342 tonnes in 2013/14 (represents a 24% reduction on 2009/10) Aspirational target : 17,954 tonnes in 2013/14 (represents an 27% reduction on 2009/10)
Percentage of the Council's building energy requirements generated by renewables.	Asset Manager / Climate Change Officer	Zero	Minimum of 4% by 2013/14 (480,000 kWh per year)

	Actions	Who	Cost / Funding Source	Deadline
ZC S1	Install "powerPerfector" voltage optimisation units to large energy use sites. 17 sites have been identified for powerPerfector installation. Aim to install 12 by March 2014.	Asset Manager; Energy Manager	£150k Salix Invest to Save fund	March 2014
ZC S2	Continue the roll-out of energy efficient lighting schemes to Council properties.	Asset Manager; Energy Manager	£200k Salix Invest to Save fund	March 2014
ZC S3	Identify potential sites and undertake feasibility for generating 10 – 15% renewable energy, and install renewable plant to generate a minimum of 4% of the Council's energy use.	Climate Change Officer; Asset Manager	£20k Building Improvement Programme (BIP)	March 2014

ZC S4	Continue delivery of an energy efficiency awareness programme and toolkit for Council services.	Climate Change Officer	£2k per year Environmental Sustainability budget	March 2014
ZC S5	Continue monitoring energy use in buildings to ensure continued compliance with the Carbon Trust Standard	Climate Change Officer / Asset Manager	£12k Asset Management team's budget	January 2013
ZC S6	Undertake feasibility and business case for various carbon-offset schemes.	Asset Manager	£10k Asset Management team's budget	March 2014
ZC S7	Identify Council buildings for the installation of demonstration solar water heating systems, and assess the viability of rolling this out across the Council's property portfolio.	Climate Change Officer	Building Improvement Programme	March 2014
ZC S8	Adopt the Local Development Framework Environment Development Plan Document.	Regeneration – Urban Policy	Within existing budgets	September 2013
ZC S9	Work with the Homes and Communities Agency to prepare a revised development framework promoting Hemlington Grange as a strategic urban extension, incorporating good practice and environmental design.	Regeneration – Urban Policy	To be determined	December 2011
ZC S10	Continue phase one of Middlehaven development including delivery of first residential cube based on BioRegional Quintain One Planet Living	Regeneration – Urban Policy		December 2011
ZC S11	The Fabrick Housing Group to deliver actions in the Zero Carbon section of their "Green Agenda" action plan, to reduce energy usage and bills for residents, Fabrick and stakeholders.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
A reduction in carbon emissions from Council buildings of between 42 and 47% from 2009/10 to 2016/17
15% of the energy consumed in Council buildings generated by renewable energy technologies
Year on year reductions in carbon dioxide emissions from dwellings and other non-Council buildings

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Total carbon emissions for the Council's property portfolio.	Energy Management Unit	24,483 tonnes CO ₂ in 2009/10	14,200 tonnes in 2016/17 (represents a 42% reduction from the 2009/10 baseline) Aspirational target : 13,058 tonnes in 2016/17 (represents an 47% reduction on 2009/10)
Percentage of the Council's building energy requirements generated by renewables.	Asset Manager / Climate Change Officer	Zero in 2009/10	15% by 2016/17

	Actions	Who	Cost	Deadline
ZC M1	Monitor compliance with corporate temperature standards.	Asset Manager	Within existing Strategic Resources budget	Ongoing

ZC M2	Continue implementation of annual energy efficiency programme based on energy surveys.	Asset Manager / Energy Manager	£800k Salix Invest to Save fund; Building Improvement Programme (BIP)	Ongoing
ZC M3	Develop flexible working practices to reduce energy use.	Human Resources	Within existing staffing budgets	March 2015
ZC M4	Install renewable energy generation equipment at a number of Council sites, to provide at least 8% of the Council's energy requirements.	Climate Change Officer	Costs to be determined by feasibility studies (Action S4)	March 2014
ZC M5	Identify all the homes in Middlesbrough that are suffering from Fuel Poverty	Affordable Warmth Steering Group	Staff costs	Ongoing
ZC M6	Establish a Zero Carbon IT strategy for the Council.	ICT Strategy and Projects Manager	Within corporate / departmental budgets	March 2017
ZC M7	Establish a Zero Carbon strategy for the Council's Children, Families, and Learning (CF&L) Department.	CF&L Policy and Resources	Within corporate / departmental budgets	March 2017
ZC M8	Establish a Zero Carbon strategy for street lighting	Transport and Design Services	Within corporate / departmental budgets	March 2017
ZC M9	Prepare a detailed pathway for achieving a 100% reduction in carbon dioxide emissions from Council premises, and for ensuring that Middlesbrough residents have the option to adopt carbon neutral lifestyles by 2025.	One Planet Living Action Group, and Middlesbrough Environment City	Within core budgets	March 2017

LONG TERM **April 2017 to March 2025**

Desired Outcomes
A reduction in the Council's carbon emissions of 90% from 2009/10 to 2024/25, with an aspiration of being carbon neutral by 2025.
A total of 15% of the energy consumed in Council buildings to be generated by on-site renewables
An amount equivalent to 15% of the energy consumed in Council buildings to be generated by off-site renewables
Year on year reductions in carbon dioxide emissions from dwellings and other non-Council buildings

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Total carbon emissions for the Council's property portfolio.	Energy Management Unit	24,483 tonnes CO ₂ in 2009/10	2448 tonnes in 2024/25 (90% reduction on the 2009/10 baseline) Aspirational target : Zero tonnes in 2024/25 (represents an 100% reduction on 2009/10)
Percentage of the Council's building energy requirements generated by on-site renewables.	Asset Manager / Climate Change Officer	Zero in 2009/10	15% by 2024/25

Percentage of the Council's building energy requirements generated by off-site renewables.	Asset Manager / Climate Change Officer	Zero in 2009/10	15% by 2024/25
Carbon dioxide emissions for the whole Middlesbrough local authority area	Climate Change Officer	1,065,470 tonnes in 2005	Minimum 21% reduction by 2020, with an aspirational target of 31% reduction by 2020

	Indicative Actions	Who	Cost	Deadline
ZC L1	Continue implementation of annual energy efficiency programme based on energy.	Asset Manager	£1million. Salix Invest to Save fund; Building Improvement Programme (BIP)	March 2025
ZC L2	Increase on-site renewable energy generation installations to provide at least 15% of the Council's energy requirements.	Climate Change Officer	Salix Invest to Save fund; Building Improvement Programme (BIP)	March 2025
ZC L3	Develop partnership agreements with offsite renewable providers to offset 15% of the Council buildings' carbon footprint	Strategic Commissioning and Procurement Unit	Within corporate / departmental budgets	March 2025

Outline Evaluation of Risks

Short Term Risks
<p>Failure to obtain “buy in” from senior management</p> <p>Failure to motivate /mobilise staff to reduce energy use</p> <p>Failure to engage with schools to drive through energy efficiency agenda.</p>
Medium Term Risks
<p>Failure to secure funding for renewable energy schemes.</p> <p>Technology to produce viable renewable sources of energy not in place.</p> <p>Government incentives not in place to support renewable / zero carbon initiatives.</p>
Long Term Risks
<p>National infrastructure not in place to produce and distribute energy from renewable sources.</p> <p>Government incentives not in place to support renewable / zero carbon initiatives.</p>

Financial Implications	Cost	Source: Existing Budget/Bid Money
Funding for energy efficiency	£3million	Salix Fund / Building Improvement Programme (BIP)
Funding for renewables	Subject to feasibility studies	Salix Fund/ BIP / Invest to Save
Funding for carbon offset	Subject to feasibility studies	BIP / Invest to Save

Principle No. 2



Zero waste

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

One Planet Vision

The vision for Zero Waste is to use resources efficiently, with overall levels of waste close to zero, coupled with an increase in the percentage of waste recovered, re-used and recycled. Ultimately, zero waste is sent to landfill.

Middlesbrough Council's commitment to minimise its reliance on landfilling of waste, to increase the percentage of waste materials reused and recycled, and to underpin the search for more sustainable waste management solutions, will influence the review of waste disposal in the Tees Valley ahead of the 2020 termination of the current disposal contract.

Re-organised collection rounds, more sustainable disposal routes, and reduced quantities of waste will all contribute to reducing the Council's carbon footprint.

Current Situation

A programme of: waste minimisation education, promotion of recycling, and education on sustainability, is being delivered by the Council's Waste and Recycling team in the Council's Environment Service. All parts of the programme are linked to the Council's Waste Management Strategy.

A comprehensive programme of education and strategies is in place, to deliver improved performance on waste minimisation. This includes public presentations, the Eco Schools programme, and working with schools to support themes in the National Curriculum.

Waste minimisation initiatives include Recycling and Composting road shows, support for the Town Meal programme, and the development of a sustainable food policy.

NHS Middlesbrough is improving recycling of paper, glass, cardboard and plastic across their premises.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Zero Waste through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Tees Valley Waste Management Strategy
Sustainable Schools Framework
Environment Department Business Plan
Regional Waste and Minerals Plan
Regional Spatial Strategy
National waste policies and strategies
Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM April 2011 to March 2014

Desired Outcomes

Increased levels of recycling and composting

Reduction in overall waste tonnages

Less waste sent to landfill

Completion of the review of waste disposal technologies, and determination of solution for post 2020

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Total annual tonnage of municipal waste.	Reported and calculated via Wastedataflow – the Government's national database for waste management	March 2011 actual tonnage	3% reduction by March 2014
Total annual tonnage of materials recycled and composted	Reported and calculated via Wastedataflow	March 2011 actual tonnage	30% by March 2014
Total annual tonnage of waste delivered to landfill sites.	Reported and calculated via Wastedataflow	March 2011 actual tonnage	8% by March 2014
Delivery of a programme of waste minimisation education, promotion of recycling and education on sustainability, all linked into the Council's Waste Management Strategy.	Performance clinic reporting	Performance levels at March 2011	Completion of annual work programmes by March each year
Completion of the review of the Tees Valley waste disposal contract	Via joint Tees Valley Waste Management Group	Progress against termination date of existing contract (2020)	Completion of analysis and decision making timetable to be concluded
Proportion of waste generated by Middlesbrough Council's internal operations that is recycled.	Performance clinic reporting	To be established	75% recycled by March 2014
Proportion of waste generated by the Council's construction and demolition activities that is reclaimed or recycled	Performance clinic reporting	To be established	90% by 2014

	Actions	Who	Cost	Deadline
ZW S1	Undertake comprehensive annual programmes of education and strategies to deliver improved performance on waste minimisation. This includes public presentations, the Eco Schools programme, and working with schools to support themes in the National Curriculum.	Waste and Recycling team, Middlesbrough Council	To be determined	End of March each year
ZW S2	Coordinate recycling collections with refuse collections to assist residents to participate in the recycling services	Waste Services Manager	To be determined	Ongoing
ZW S3	Increase recycling collection of office waste including confidential wastes, batteries, and WEEE materials, from Council offices and buildings.	Waste Services Manager	To be determined	Ongoing
ZW S4	Continue to work with Ayresome Industries in the handling of paper waste materials	Waste Services Manager	To be determined	Ongoing
ZW S5	Contribute to the review of the Tees Valley waste disposal contract	Waste and Recycling team, Middlesbrough Council	To be determined	March 2014
ZW S6	The Fabrick Housing Group to deliver actions in the Zero Waste section of their "Green Agenda" action plan, to embed a culture of reduce, re-use and recycle across business operations and with residents.	Erimus Housing	To be determined	March 2014
ZW S7	Continue to offer subsidised compost bins through the Middlesbrough Council website	Waste and Recycling team, Middlesbrough Council	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
Increased levels of recycling, composting, and anaerobic digestion
Reduction in overall waste tonnages
Waste sent to landfill reduced to the practicable minimum

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
A Joint Tees Valley review of the future provision of Waste Management in advance of the current disposal contract's termination in 2020.	Tees Valley Waste Management Group	Current contract performance	More sustainable waste disposal routes; increased reliance on waste reduction, re-use, and recycling, rather than final disposal.
Delivery of a programme of waste minimisation education, promotion of recycling and education on sustainability, all linked into the Council's Waste Management Strategy.	Performance clinic reporting	Performance levels at March 2011	Completion of annual work programmes by March each year
Percentage of municipal waste sent to landfill	Reported and calculated via Wastedataflow	10% in 2010/11	5% by 2017
Percentage of waste generated by Middlesbrough Council sent to landfill	Monitoring procedures to be finalised	2011/12	5% by 2017

Proportion of waste generated by Middlesbrough Council's internal operations that is recycled.	Performance clinic reporting	To be established	85% recycled by March 2015
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	Actions	Who	Cost	Deadline
ZW M1	Deliver annual work programmes of waste minimisation education, promotion of recycling and education on sustainability, all linked to the Council's Waste Management Strategy.	Waste and Recycling team, Middlesbrough Council	To be determined	End of March each year
ZW M2	Undertake comprehensive annual programmes of education and strategies to deliver improved performance on waste minimisation. This includes public presentations, the Eco Schools programme, and working with schools to support themes in the National Curriculum.	Waste and Recycling team, Middlesbrough Council	To be determined	End of March each year
ZW M3	Increase to 95% the proportion of office waste from Council offices and buildings, including confidential wastes, batteries, and WEEE materials, which is recycled	Waste Services Manager	To be determined	March 2017
ZW M4	Continue to work with Ayresome Industries in the handling of paper waste materials	Waste Services Manager	To be determined	Ongoing
ZW M5	Continue to contribute to the review of the Tees Valley waste disposal contract	Waste and Recycling team, Middlesbrough Council	To be determined	March 2017
ZW M6	Ensure that the new waste disposal contract provides the infrastructure required for Middlesbrough organisations to follow a trajectory towards zero waste by 2025	Waste and Recycling team, Middlesbrough Council	To be determined	March 2017

LONG TERM April 2017 to March 2025

Desired Outcomes
New Tees Valley Waste Disposal Contract in operation
Increased levels of recovery, reuse, recycling, and composting
Reduction in overall waste tonnages
Waste sent to landfill reduced to the practicable minimum

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Implementation of the new waste disposal contract	Tees Valley Waste Management Group	Current contract performance	More sustainable waste disposal routes; increased reliance on waste reduction, reuse, and recycling, rather than final disposal.
Proportion of waste from Council construction and demolition projects, by weight, that is reclaimed or recycled.	To be determined	To be determined	95% by 2025
Percentage of municipal waste sent to landfill	Reported and calculated via Wastedataflow	10% in 2010/11	2% by 2024/25

Percentage of waste generated by Middlesbrough Council sent to landfill	Monitoring procedures to be finalised	To be determined	2% by 2024/25
Proportion of domestic waste that is reclaimed, recycled or composted	Reported and calculated via Wastedataflow	March 2011 figure to be determined	70% by 2024/25

	Actions	Who	Cost	Deadline
ZW L1	Incorporate into the new waste disposal contract measures to reclaim, recycle and compost at least 70% of domestic waste by 2024/25.	Waste Services manager, Middlesbrough Council	To be determined	April 2020
ZW L2	Complete the contracting process, to allow confirmation of the new contract	Tees Valley Waste Group – Middlesbrough Council is the lead authority	To be determined	Contract must start by April 2020
ZW L3	Coordinate measures to reduce to 2% the proportion of waste generated by Middlesbrough Council which is sent to landfill	Waste Services manager, Middlesbrough Council	To be determined	April 2021

Outline Evaluation of Risks

Short Term Risks

Problems at the Energy from Waste Plant meaning that more waste has to be sent to landfill.

Budget constraints, change in local / national legislation / targets. Changes in climate, which will affect the growing season, which will have an impact on the amount of garden waste collected, therefore impacting on the composting targets.

Medium Term Risks

Budget constraints

Change in local / national legislation / targets
Long Term Risks
Change in national / European legislation.
Budget constraints

Financial Implications	Cost	Source: Existing Budget/Bid Money
Ongoing work towards long-term plans		Within current budgets
All arising financial implications will be included as considerations in the development of plans for the new waste disposal contract.		

Principle No. 3



Sustainable transport

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

One Planet Vision

The Sustainable Transport vision is for walking and cycling to be the norm, for the need to travel to be much reduced, and for low and zero carbon modes of transport to be provided. Middlesbrough's green transport plan will result in carbon emissions consistent with the overarching greenhouse gas emissions reduction target.

Carbon emissions attributed to Middlesbrough Council will be significantly reduced, through customer travel, staff travel and third party suppliers.

Current Situation

Middlesbrough is committed to achieving various sustainability targets through the latest Local Transport Plan (LTP3). Together with the other Tees Valley local authorities, Middlesbrough is committed to further promoting sustainable transport through many different travel awareness campaigns, and increasing a modal shift towards sustainable alternatives of transport. These include walking, cycling, public transport and car sharing. LTP3 work expands strongly the work undertaken with the Middlesbrough Healthy Town project through the Active Travel theme and the Enhancing Outdoor Recreation theme. There are strong synergies between the LTP, Healthy Towns and One Planet Living. Our colleagues in NHS Middlesbrough are also encouraging cycling schemes, workplace walks, walking to work and conducting a review of the current car-leasing scheme. They have also implemented an 'events management' system to avoid excess attendance and travelling to events.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Sustainable Transport through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Local Transport Plan
Middlesbrough's Climate Change Community Action Plan
Change4Life Agenda
Council Travel Plan
Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM Up to March 2014

Desired Outcomes

Reduced emissions from Council fleet vehicles

Reduced carbon emissions resulting from business mileage in Council employees' own vehicles

An increase in cycling for both leisure and business use across the borough

Increase in public transport patronage for both business and leisure

Increase in the use of low and zero emission vehicles

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
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Carbon dioxide emissions from Council fleet vehicles, calculated from the number of miles travelled and fuel efficiency	Fleet management records	To be determined	20 per cent reduction in fleet emissions by 2014
The number of miles travelled for Council business by employees' own vehicles	Check mileage claims, increase in sustainable transport alternatives	2,075,930 in 2009/10	15 per cent reduction by 2014
The number of electric vehicles in the Council's vehicle fleet	Fleet management records	None in June 2010	10 electric vehicles by 2014 (subject to the adoption of a pool car system)
Salary sacrifice scheme for cycling, in operation	Number of participants recorded by Highways and Transportation	150 in March 2011	250 participants by March 2014
The number of cycling trips	Safe & Active Travel Team	139,340 trips in 2009/10	151,880 trips per year by 2013/14
The level of public transport patronage	Safe & Active Travel Team	9,820,000 trips in 2009/10	9,965,000 trips per year by 2013/14

	Actions	Who	Cost	Deadline
ST S1	Implement recommendations of essential user allowance review	Human Resources Client	To be determined	March 2012

ST S2	Introduce pool cars into the Council's vehicle fleet, with senior managers considering electric cars as the first option	Fleet Management; Senior Managers in vehicle user Departments	To be determined	March 2014
ST S3	Install additional electric charging points across Middlesbrough	Fleet Management; Highways and Transportation	To be determined	March 2014
ST S4	Promote good practice in reducing the need for staff travel, through the location of workplaces and the routing of journeys	Central Services; Directors and Heads of Service	To be determined	Continuous
ST S5	Promote good practice in reducing the need for staff travel, through the provision of efficient electronic communications facilities, such as video-conferencing	Central Services; Directors and Heads of Service	To be determined	Continuous
ST S6	Assess the feasibility of installing tracking systems in Council fleet vehicles, to monitor vehicle utilisation and fuel management	Fleet Management; Senior Managers in vehicle user Departments	To be determined	March 2014
ST S7	Promote good practice in reducing the need for travel, and the minimisation of vehicle emissions, by suppliers and key partner organisations	Central Services; Directors and Heads of Service	To be determined	Continuous
ST S8	The Fabrick Housing Group to deliver actions in the Sustainable Transport section of their "Green Agenda" action plan, to reduce the impacts of transport through reducing the need to travel and incentivising use of alternatives to private car travel.	Erimus Housing	To be determined	March 2014

ST S9	Continue to provide information about walking and cycling routes online, and at information terminals at key locations around the town	Highways and Transportation	Within mainstream budgets	March 2014
ST S10	Continue to coordinate and promote the Government's Bike2Work scheme	Highways and Transportation		March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
Middlesbrough Council employees using more sustainable modes of transport – cycling, public transport, and shared cars
Continuing reduction in emissions from Council fleet vehicles
Continuing reduction in carbon emissions resulting from business mileage in Council employees' own vehicles
Increase in the use of low and zero emission vehicles throughout the town

Indicators, of progress towards the stated desired outcomes	Monitoring	Baseline	Target
The number of cycling trips	Safe & Active Travel Team	156,060 in 2014/15	To be determined
Increase in public transport patronage	Safe & Active Travel Team	10,014,000 in 2014/15	To be determined

Carbon dioxide emissions from Council fleet vehicles, calculated from the number of miles travelled and fuel efficiency	Fleet management records	To be determined	40% reduction in fleet emissions by 2016/17
The number of miles travelled for business by Council employees' own vehicles	Check mileage claims, increase in sustainable transport alternatives	2,075,930 miles in 2009/10	35 % reduction in mileages, and 45% reduction in carbon emissions by 2016/17
The number of electric vehicles in the Council's vehicle fleet	Fleet management records	None in June 2010	20 electric vehicles by 2017 (subject to the adoption of a pool car scheme)

	Actions	Who	Cost	Deadline
ST M1	Continue monitoring cycling trips and public transport patronage through future local transport plans	Safe & Active Travel Team	To be determined	March 2017
ST M2	Increase the number of electric vehicles in the Council's car pool to 20.	Fleet Management; Senior Managers in vehicle user Departments	To be determined	March 2017
ST M3	Promote good practice in reducing the need for staff travel, through the location of workplaces and the routing of journeys	Central Services; Directors and Heads of Service	To be determined	Continuous

ST M4	Promote good practice in reducing the need for staff travel, through the provision of efficient electronic communications facilities, such as video-conferencing.	Central Services; Directors and Heads of Service	To be determined	Continuous
ST M5	Use tracking systems in Council fleet vehicles to monitor vehicle utilisation and fuel management, and advise drivers on emissions reduction measures	Fleet Management; Senior Managers in vehicle user	To be determined	March 2017

LONG TERM **April 2017 to March 2025**

Desired Outcomes

Middlesbrough Council staff using more sustainable modes of transport – cycling, public transport, and shared cars

Indicators, of progress towards the stated desired outcomes	Monitoring	Baseline	Target
The number of cycling trips	Safe & Active Travel Team	To be determined	To be determined
Increase in public transport patronage	Safe & Active Travel Team	To be determined	To be determined
Carbon dioxide emissions from Council fleet vehicles, calculated from the number of miles travelled and fuel efficiency	Fleet management	To be determined	60% reduction in fleet emissions by 2024/25

The number of miles travelled for business by Council employees' own vehicles	Check mileage claims, increase in sustainable transport alternatives	2,075,930 miles in 2009/10	40 % reduction in mileages, and 60% reduction in carbon emissions by 2024/25
The number of publicly accessible electric car charging points in Middlesbrough	Highways and Transportation records	None in 2010	50 by March 2025

	Actions	Responsible Officer / Service	Cost	Deadline
ST L1	Continue monitoring cycling trips and public transport patronage through future local transport plans	Safe & Active Travel Team	To be determined	March 2025
ST L2	Work with key partner organisations in Middlesbrough to improve the infrastructure for electric and other low and zero carbon emission vehicles	Fleet Management; Highways and Transportation	To be determined	March 2025
ST L3	Promote good practice in reducing the need for staff travel	Central Services; Directors and Heads of Service	To be determined	Continuous

Outline Evaluation of Risks

Short Term Risks
Outstanding amounts of money remaining for the salary sacrifice scheme if employees leave the authority

Medium Term Risks
Non-availability of funding
Long Term Risks
Not possible to determine at this stage

<u>Financial Implications</u>	<u>Cost</u>	<u>Source:</u> <u>Existing Budget/Bid Money</u>

Principle No. 4



Sustainable materials

Using sustainable healthy products, with low embodied energy, sourced locally, made from renewable or waste resources.

One Planet Vision

The One Planet vision is one where all goods and materials used - for construction or consumer goods - are made from renewable or waste resources with low embodied energy and, wherever possible, sourced locally.

Middlesbrough Council will reduce the impact of the services it provides by reducing the goods and materials it purchases by re-using or recycling where possible. Any remaining goods, materials or services that are required will be chosen to give high performance in use with lower impact on the environment, through using local materials where possible to benefit local economies, reducing transportation to support low impact solutions.

Current Situation

Procurement activity across Middlesbrough Council is a devolved service, and not under the direct control of a single service. For example, the Environment Department's Engineering Services deal with most works and construction service requirements, but Corporate Property, Environment Services, our external partner Mouchel, Children Families and Learning, Adult Social Care, and Regeneration all have roles relating to facilities management and building repairs and maintenance. When it comes to the purchase of everyday goods and services, budget holders are required to use an existing "Corporate Contract" whenever possible, but, providing they comply with standing orders, they have the right to specify and buy goods and services to meet specific needs.

The principles of One Planet Living have been incorporated into the Corporate Procurement Strategy and the Council's standard evaluation of all procurement requirements by using its own "Wholelifecost+" evaluation tool. Training is provided to Council managers on whole life cost evaluation. Specifications for the supply of goods and materials will specifically include a requirement relating to sustainability. The process builds on the process of measuring price + quality to select the most advantageous tender. In practice this moves the authority into assessing not only the tender costs but all relevant costs for the purchase, operational use, maintenance and disposal, and importantly it allows the authority to identify and measure any economic, social, and/or environmental risks and benefits that will arise from the purchase. Middlesbrough Council contributed to the North East Regional Improvement and Efficiency Partnership's review of its Category Management approach to procurement. They looked at 10 priority categories to determine the potential for regional savings. The Council will need to assess the outcomes of the regional work in light of local conditions and requirements.

In many cases, specifying local sustainable materials has been restricted to the use of construction materials. We will need to look at other areas, which may include:

- Utilities – Electricity, Gas, Water
- Natural Resources – Wood, Steel, other metal, Glass, Road salt, Oils & fuels, Paper
- Products – Construction materials, Electrical equipment, IT equipment, Cleaning products, Plastic products, Office supplies, Fertilisers & Chemicals

By identifying high impact areas and levels of usage, the Council can begin to target the main areas in a logical way. Because of the potential cost implications it is unlikely we can make a move to fully sustainable in one jump, so we may have to plan for staged improvements over time. Electricity is a prime example, a move to Green electricity would add an additional £500k to the Council's annual cost; a staged approach to change is to use the best we can afford (currently grid electricity generated by Good Quality Combined Heat and Power (GQCHP)) then by addressing usage, and as more Green energy becomes available the cost is likely to reduce making it cost effective to make the change.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Sustainable Materials through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

- Procurement Strategy
- Corporate Sustainability Policy
- Corporate Asset Plan
- Carbon Reduction Plan
- Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM **April 2011 to March 2014**

Desired Outcomes
Comprehensive understanding of impacts of procurement activities relating to the One Planet Living sustainability principles.
Wholelifecost+ evaluation process, incorporating assessment of sustainability criteria, used throughout the Council for all appropriate contracts
Key partner organisations have raised awareness of the relevance of One Planet Living principles to the procurement of goods and services

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Identification of high impact areas	Procedures are being developed in partnership with BioRegional	To be established	Identification and monitoring process to be in place by March 2012
Number of contracts let using Wholelifecost+ tender evaluation	From changes to the Corporate Contract Register	100% of appropriate contracts in 2010/11	100% of appropriate contracts
Number of local suppliers providing / offering sustainable products	From changes to the Corporate Contract Register	To be established	Completion of report on local suppliers by March 2012

Provision of training on the Wholelifecost+ evaluation process and assessment of sustainability criteria	By the Strategic Commissioning and Procurement Unit	Number of events in 2010/11	To be determined
Completion of review of procurement and commissioning	Corporate reporting procedure	-	Review report presented to CMT and Executive by March 2014

	Actions	Who	Cost	Deadline
SM S1	Establish a comprehensive mechanism to identify high impact areas of products and services	Strategic Commissioning and Procurement Unit (SCPU); BioRegional	Within existing budgets	March 2012
SM S2	Identify existing sustainable products and specification	Strategic Commissioning and Procurement Unit; Economic Regeneration	Within existing budgets	March 2012
SM S3	Where a service needs to procure a product, include sustainability requirements by linking to current European Community or OGC (Office of Government Commerce) standards (within the Council's affordable budget)	Strategic Commissioning and Procurement Unit; Service areas	Within existing budgets	March 2012
SM S4	Work with services and other Tees Valley Authorities to identify possible local suppliers	Procurement Forum; Tees Valley procurement managers	Within existing budgets	March 2012

SM S5	Provide training to relevant Council officers and potential suppliers on business case development, whole life costing, outcome specification development, and sustainability criteria.	Strategic Commissioning and Procurement Unit	Within existing budgets	A minimum of four training events each year
SM S6	Develop a toolkit to maximise the use of social, community benefit and environmental contractual clauses	Strategic Commissioning and Procurement Unit	Within existing budgets	March 2012
SM S7	Continue to develop and improve the cross service procurement forum to share best practice	Strategic Commissioning and Procurement Unit	Within existing budgets	Continuous
SM S8	Undertake a review of procurement and commissioning requirements and procedures, in light of current circumstances, and present a report to the Council's Executive	Strategic Commissioning and Procurement Unit (SCPU); BioRegional	Within mainstream budgets	March 2014
SM S9	The Fabrick Housing Group to deliver actions in the Sustainable Materials section of their "Green Agenda" action plan, to source materials and products that are more sustainable, so having a lower environmental impact.	Erimus Housing	To be determined	March 2014

MEDIUM TERM **April 2014 to March 2017**

Desired Outcomes
Maximum re-use and recycling of materials used in the delivery of Council services whilst ensuring only healthy and non-toxic materials are utilised which are, where possible, from sustainable sources
Comprehensive information and guidance on the need to reduce consumption and choose low impact goods available to the whole Middlesbrough community.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Level of consideration of sustainability principles in Council procurement and commissioning	Corporate reporting procedure	-	All Council procurement and commissioning decisions to consider sustainability criteria by March 2015
Integration of sustainability criteria into the Wholelife+ evaluation system	Corporate reporting procedure	One Planet Living principles required to be considered	Optimum weight given to sustainability criteria, by March 2015
Level of adoption of sustainability criteria for purchasing decisions by Middlesbrough public, private and third sector organisations	To be determined	To be determined	50% of organisations adopting robust sustainability criteria by March 2016
Level of adoption of sustainability criteria for purchasing decisions by Middlesbrough residents	To be determined	To be determined	50% of residents adopting robust sustainability criteria by March 2016

	Actions	Who	Cost	Deadline
SM M1	Deliver training on the adoption of sustainability criteria into all procurement and commissioning decisions to all Council employees, through workshops, written briefings, and computer based learning materials.	Strategic Commissioning and Procurement Unit	Within mainstream budgets	March 2016
SM M2	Enhance the consideration of sustainability criteria within the Wholelifecost+ evaluation process, to meet or exceed recognised best practice	Strategic Commissioning and Procurement Unit	Within mainstream budgets	March 2015
SM M3	Ensure sustainability principles are fully applied to the delivery of all services commissioned by the Council	Strategic Commissioning and Procurement Unit; Project managers	Within mainstream budgets	March 2015
SM M4	Complete a comprehensive review of Council procurement requirements and procedures	Strategic Commissioning and Procurement Unit	Within mainstream budgets	March 2015
SM M5	Maximise the re-use and recycling of materials that the Council uses	Strategic Commissioning and Procurement Unit; Heads of Service; Project managers	Within mainstream budgets	Ongoing
SM M6	Provide information and advice to Middlesbrough residents on sustainability criteria for purchasing decisions	Environmental Sustainability team, Middlesbrough Environment City	Within mainstream budgets	Ongoing
SM M7	The Fabrick Housing Group to move towards 100% post consumer recycled paper, and consider mitigation and adaptation to climate change as part of new build programmes.	Erimus Housing	To be determined	March 2017

LONG TERM **April 2017 to March 2025**

Desired Outcomes

To minimise the use of non-recycled and new goods and materials in order to significantly reduce the environmental impact of the delivery of services provided by the authority

Indicators, of progress towards the stated desired outcomes	Monitoring	Baseline	Target
Use of non-recycled and new goods and materials by Middlesbrough Council services.	Strategic Commissioning and Procurement Unit	To be determined	To be determined
Additional indicators are dependent on a review of Council requirements for commissioning and procurement services.			

	Actions	Who	Cost	Deadline
SM L1	Minimise the use of non-recycled and new goods and materials	Strategic Commissioning and Procurement Unit; Heads of Service; Project managers; all budget holders	Within mainstream budgets	Ongoing
SM L2	Additional actions to be determined in line with the outcomes of the review of procurement requirements and procedures	Strategic Commissioning and Procurement Unit	Within mainstream budgets	March 2025

Outline Evaluation of Risks

Short Term Risks
Due to the current financial position, a short-sighted 'cheapest is best' approach may be taken by Services.
Regional / collaborative procurement takes priority and the local requirement for sustainability is not considered, or is discarded and not included in the evaluation process.
The cost of moving to fully sustainable products is prohibitive, or price increases place an additional burden on existing budgets, making a product no longer financially affordable.
Medium Term Risks
As for Short Term
Long Term Risks
The Council becomes a facilitator rather than direct provider, and control over direct purchasing is diminished.

<u>Financial Implications</u>	<u>Cost</u>	<u>Source: Existing Budget/Bid Money</u>

Principle No. 5



Local and sustainable food

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

One Planet Vision

Middlesbrough will be a town where food is valued. The ecological footprint of food will be minimised through consumption of locally produced organic produce, healthy diets low in animal protein and with food waste composted. Where food is sourced from overseas, Fairtrade products and those with a lower ecological footprint will be prioritised.

Current Situation

Current relevant strategies include Sustainable Community Strategy, Public Health Strategy and Childhood Obesity Strategy. This Action Plan supports and complements the Middlesbrough's Food Sustainability Action Plan, which has a strong community focus.

There are strong links with the Healthy Town Programme and Fairtrade Town Programme.

Further links need to be developed with a number of strategies, owing to the diverse nature of the theme.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Local and Sustainable Food through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Food Sustainability Action Plan
Sustainable Community Strategy
Middlesbrough Council's Corporate Procurement Strategy
Middlesbrough Allotment Strategy
Public Health Strategy
Childhood Obesity Strategy
Tees Valley Joint Waste Management Strategy
Fairtrade Programme
Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM **April 2011 to March 2014**

Desired Outcomes

Obtaining baseline information on food used by Middlesbrough Council.

Coordination and promotion of measures on local and sustainable food through a Food Sustainability Action Group, with a focus on Council procurement and Council support for community actions.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Food Sustainability Action Group (FSAG) set up to implement the Food Sustainability Action Plan.	Group set up and functional.	No Food Sustainability Action Group (FSAG)	By June 2011

Baseline established for the ecological footprint of food procured by Middlesbrough Council.	Baseline established and monitored by FSAG.	To be determined	By March 2014
Baseline established for the percentage of food procured by Middlesbrough Council internally or externally that contributes to the 5 A DAY campaign.	Baseline established and monitored by FSAG.	To be determined	By March 2014
Baseline established for the amount of food waste from Middlesbrough Council sent to final disposal	Baseline established and monitored by FSAG.	To be determined	By April 2013
Retention of Fairtrade Town status.	Retention of status monitored by the Middlesbrough Fairtrade Group.	Status in place.	July 2011

	Actions	Who	Cost	Deadline
SF S1	Establish baseline data for the percentage of food that is available locally procured by Middlesbrough Council which is sourced locally – within 50 miles.	Middlesbrough Council	To be determined	March 2013
SF S2	Review and update Council procedures to increase the sustainable sourcing of food by the Council, including local food and produce that does not contribute to deforestation, excessive water consumption, or over-fishing, and minimises other negative impacts.	Middlesbrough Council	Within existing budgets	March 2013

SF S3	Support an Urban Farming Programme in Middlesbrough that engages the community in food-growing, including supporting community growers, running the Town Meal and supporting producers markets	Middlesbrough Environment City (MEC) / Middlesbrough Council	£30,000pa	Continuous
SF S4	Develop the Urban Farming Programme further to include a social enterprise model, to ensure financial sustainability for food-growing projects	MEC / Middlesbrough Council	To be determined	March 2014
SF S5	Support food growing on Council owned allotments to achieve 95% occupancy by 2014	MEC / Middlesbrough Council	To be determined	March 2014
SF S6	Improve accessibility to healthy, low ecological footprint foodstuffs available through Council outlets and services	MEC / Middlesbrough Council	Within existing budgets	March 2014
SF S7	Conduct a survey of Council premises to establish the amount of food waste from Middlesbrough Council sent to final disposal	Middlesbrough Council	To be determined	April 2013
SF S8	Develop a programme for the removal of food waste from the Council waste stream, including an assessment of technologies	MEC / Middlesbrough Council	To be determined	March 2014
SF S9	Prepare and deliver annual programmes of Fairtrade activities	MEC	£8000pa + inflation	June 2011 and each year thereafter

SF S10	Continue to endorse and promote Food4Health community initiatives, including healthy cookery courses and the Food4Health Healthy Eating Award	MEC / Middlesbrough Council	To be determined	March 2014
SF S11	The Fabrick Housing Group to deliver actions in the Local and Sustainable Food section of their "Green Agenda" action plan, to promote local healthy and sustainable food to staff, resident and stakeholders.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
Coordination and promotion of measures on local and sustainable food through the review and implementation of the Food Sustainability Action Plan , both in the Council and the wider community
50% of the food procured by the Council is sourced locally or through sustainable and Fairtrade means
100% of allotment space under cultivation and over 50ha of Council and partners' land brought into productive food growing use

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Percentage of food sourced by Middlesbrough Council from within 50 miles, or sustainably produced and transported if from further afield	Through the Food Sustainability Action Group (FSAG)	To be determined	50% by 2017
Proportion of Middlesbrough Council's allotment space in use by the local community	Through the Food Sustainability Action Group	To be determined	100% by 2017

Area of Middlesbrough Council's non-allotment land that is in use for food cultivation	Through the Food Sustainability Action Group	To be determined	50ha brought into cultivation by 2017
Proportion of all food procured by Middlesbrough Council which conforms to healthy eating principles	Through FSAG	To be determined	100% of food by 2017
Percentage of food waste generated by Middlesbrough Council that is composted	Through FSAG	To be determined	75% by 2017
Maintenance of Middlesbrough's Fairtrade Town status	Middlesbrough Fairtrade Group	Status maintained	Annual

	Actions	Who	Cost	Deadline
SF M1	Use Council procurement procedures and awareness campaigns to raise the percentage of locally and sustainably sourced food procured by the Council	Middlesbrough Council	To be determined	March 2017
SF M2	Support an Urban Farming Programme that engages the community in food growing, promotes other organisations to use land for growing and supports local producers and a local supply chain.	MEC / Middlesbrough Council	To be determined	Continuous
SF M3	Support food growing on Council owned allotments to achieve 100% occupancy by 2017.	MEC / Middlesbrough Council	To be determined	March 2017

SF M4	Continue to improve accessibility to healthy, low ecological footprint foodstuffs available through Council outlets and services.	MEC / Middlesbrough Council	Within existing budgets	March 2017
SF M5	Implement a programme for the removal of food waste from the Council waste stream and seek to reduce waste at source through avoiding over-purchasing.	MEC / Middlesbrough Council	To be determined	March 2017
SF M6	Complete annual programmes of Fairtrade activities.	Middlesbrough Fairtrade Group	£8000pa + inflation	Annual
SF M7	The Fabrick Housing Group to provide residents with information on where to source sustainable food.	Erimus Housing	To be determined	March 2017

LONG TERM April 2017 to March 2025

Desired Outcomes
Middlesbrough is a place where people can eat healthy diets high in local, seasonal and organic produce.
Middlesbrough Council is seen as a leader in procuring and promoting local, seasonal and sustainably sourced produce.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Percentage of food sourced by Middlesbrough Council from within 50 miles, or sustainably if from further afield	Through the Food Sustainability Action Group	To be determined	80% by 2025

Area of land available for community growing that is supplied by Middlesbrough Council	Through the Food Sustainability Action Group	To be determined	100% of allotment space and 70ha brought into cultivation by 2025
Proportion of all food procured by Middlesbrough Council which conforms to healthy eating principles	Through FSAG	To be determined	Maintain at 100% from 2018
Percentage of food waste generated by Middlesbrough Council that is composted	Through FSAG	To be determined	100% by 2025
Maintenance of Middlesbrough's Fairtrade Town status	Middlesbrough Fairtrade Group	Status maintained	Annual

	Actions	Who	Cost	Deadline
SF L1	Strengthen corporate procurement and continue to run awareness campaigns to increase level of sustainably sourced produce	Middlesbrough Council	To be determined	Ongoing from 2018
SF L2	Continue to support an Urban Farming Programme that engages the community in food-growing, promotes other organisations to use land for growing and supports local producers and a local supply chain.	MEC / Middlesbrough Council	To be determined	Continuous

SF L3	Support allotmenters and develop self managing allotments to maintain 100% cultivation on allotment plots.	MEC / Middlesbrough Council	To be determined	Maintain 100% from 2018
SF L4	Continue to improve accessibility to healthy, low ecological footprint foodstuffs available through Council outlets and services.	MEC / Middlesbrough Council	Within existing budgets	March 2025
SF L5	Continue to deliver a programme for the removal of food waste from the Council waste stream and seek to reduce waste at source through not over-purchasing.	MEC / Middlesbrough Council	To be determined	March 2025
SF L6	Complete annual programmes of Fairtrade activities.	Fairtrade Group	£8000pa + inflation	Annual

Outline Evaluation of Risks

Short Term Risks
Insufficient funding and support for the implementation of the proposals.
Anticipated funding withdrawn
Medium Term Risks
Council funds no longer available to support the Fairtrade programme
Lack of Government support for addressing food issues on a local basis
Long Term Risks
Lack of funding
Lack of support from Government and local partners

<u>Financial Implications</u>	<u>Cost</u>	<u>Source:</u> <u>Existing Budget/Bid Money</u>
Support for the Urban Farming Programme	£30,000 per year	Currently PCT
Funding required to deliver Middlesbrough's Fairtrade programme	£8000 per year	Existing Middlesbrough Environment City and Community Protection Service budgets, and support by partners in the Middlesbrough Fairtrade Group

Principle No. 6



Sustainable water

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

One Planet Vision

The One Planet vision is one where we use water much more efficiently in buildings and in the products we buy; and manage water in such a way as to support healthy land-use, avoid local flooding and avoid pollution to watercourses.

The vision is for people in Middlesbrough to face only a minimal threat of disruption caused by flooding from water courses and surface run off. Measures taken will take account of climate change and will seek to manage flood risk in an environmentally sensitive way. Residents at risk of flooding will be supported to become more self resilient.

The Council's consumption of water in its buildings in 2025 is to be 30% less than in 2010. Promotion of water conservation will help residents and businesses to reduce their consumption by at least 20% from 2010 levels by 2025.

By 2025 measures will be in place to protect all watercourses from pollution.

Current Situation

Middlesbrough has several areas identified as vulnerable to flooding – from the River Tees (tidal flooding), from the smaller watercourses (becks), and from the drainage system. However, surface water flooding is also becoming more frequent; this occurs where high rainfall events exceed the drainage capacity in an area. The Council has established both local and regional partnerships to develop strategies and action plans to protect the population from flooding from all sources. The Environment Agency has a strategy for addressing tidal flooding from the River Tees and is examining the measures that can be taken in the longer term to alleviate flooding from the becks and is undertaking shorter term projects to provide flood protection and environmental benefits. The Environment Agency undertakes ongoing maintenance work to control flood risk.

Green infrastructure planning looks for ways to contribute to flood management through the development of green infrastructure.

The Clean Becks campaign and the “Boro Becks” project are raising community awareness of the water environment in the town – including the threats it can pose.

Middlesbrough’s water supplies are not derived from local sources, so any impacts on water supply do not directly affect the Middlesbrough environment. However, it is recognised that there is scope to considerably reduce the use of potable water. As pumping, and treating water and waste water are energy intensive, reducing consumption will reduce associated carbon emissions.

The Government’s ambition is to reduce per capita water consumption to 130 litres per person per day (l/p/d) by 2030 through cost effective measures (or possibly even 120 l/p/d depending on new technological developments and innovation). It is estimated that current average water use in England is about 150 l/p/d, equivalent to approximately one tonne of water per week.

Northumbrian Water Ltd promotes water conservation measures across the Middlesbrough community.

The Fabrick Housing Group is contributing to Middlesbrough’s One Planet Living programme by addressing Sustainable Water through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Securing Environmental Sustainability and Creating Safer Communities priorities in the Council's Strategic Plan
 Tees Tidal Flood Risk Management Strategy
 Surface Water Management Plan (SWMP)
 Preliminary Flood Risk Assessment (PFRA)
 Catchment Flood Management Plan (CFMP)
 Clean becks campaign
 Green Flag awards
 Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM Up to March 2014

Desired Outcomes
Reduced flooding risk
Improved and developed natural habitats, resilient to flooding and drought
Reduced consumption of treated water
Increased rainwater harvesting and grey water recycling

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
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Numbers of properties protected from flooding	Increase the number of properties given added protection against flooding	Numbers known to be currently at risk of flooding DEFRA estimates 7954 are in a flood plain.	Establish the definitive number of properties at risk and the number protected, by March 2012
Length of watercourses providing habitable conditions for wildlife and with management regimes taking proper account of flood risks	Through the Biodiversity Action Plan and the Flood Catchment Risk Management Plan	Current length of suitable habitat with correct management regimes in place	Establish the length of watercourses providing habitable conditions
Level of water use in Council buildings, including schools	Monitoring water use through non-commercial metering	Baseline water use for 2009/10 was 244,878 cubic metres	5% reduction by 2011/12, and 10% reduction by 2013/14
Level of awareness of water conservation and use of recycling and grey water facilities	Use 'Voiceover' and other surveys to establish changes in awareness and use of water storage	Establish baseline from survey to be carried out in 2011	Establish a trend of continuous annual increase in awareness of water conservation and use of water saving measures and water storage facilities.

	Actions	Who	Cost	Deadline
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SW S1	Work with the Environment Agency and other partners to introduce quick wins with affordable local flood protection schemes and property level flood protection	Middlesbrough Council; Environment Agency; and partners	£250k	March 2012
SW S2	Work with partners to promote use of water saving measures and water butts in locations draining into critical watercourses	Middlesbrough Council; Environment Agency; Northumbrian Water Limited (NWL)	£10,000 per year	March 2012
SW S3	Identify highest risks and increase gulley and drain cleansing programmes to reflect local and seasonal risks	Middlesbrough Council	£20,000 per year	September 2012
SW S4	Publicise and carry out more rigorous enforcement over the use of Sustainable Urban Drainage Systems (SUDS) and porous surfaces for private drives and forecourts	Middlesbrough Council	Within existing budgets	Established procedure in place by March 2012
SW S5	Adopt Floods and Water Management Act 2010 procedures, to be introduced in April 2012, to ensure the greater use of SUDS in all new developments and engineering projects	Middlesbrough Council	Within existing budgets	Established procedure in place by March 2014
SW S6	Implement a programme of maintenance works on the Middlesbrough becks (channels and structures), to be developed from infrastructure asset management plans.	Environment Agency / Middlesbrough Council	To be confirmed	March 2012

SW S7	Ensure becks and water courses are maintained and de-silted to ensure that habitats remain of the highest quality and capable of withstanding floods and droughts	Middlesbrough Council	£50,000 per year	March 2014
SW S8	Implement an action plan for water saving measures in Council buildings to reduce consumption by 5% from 2009/10 levels by 2011/12, and by 10% by 2013/14	Middlesbrough Council's Corporate Asset Management team	To be determined	March 2014
SW S9	Encourage take up of water saving measures as part of the Eco Easterside project and monitor level of participation	Middlesbrough Council; Middlesbrough Environment City (MEC); Northumbrian Water Limited	To be determined	March 2014
SW S10	The Fabrick Housing Group to deliver actions in the Sustainable Water section of their "Green Agenda" action plan, to monitor and reduce the water used for business operations, and to help their tenants to reduce their water use and water charges.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
Reduced flooding risk
Improved and developed natural habitats, resilient to flooding and drought
Reduced consumption of treated water

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Number of properties protected from flooding for which alleviation schemes have been prepared	Local and regional Flood Risk Management Plans	Number of properties at risk of flooding at March 2011	Year on year increases in the number of properties with added protection from flooding
The quality of the five main beck valleys and associated natural habitats	Monitored by community groups and partners engaged in improvement projects	Number of locations considered to be at an acceptable standard, at March 2014	Annual increase in number of improved habitats
The number of properties involved in schemes that will enable the introduction of wide scale local water storage of surface water run off from private properties	Numbers of properties involved in grant schemes, monitored by Middlesbrough Council's Highway and Transportation group	Baseline at zero for commencement of scheme	50 additional properties protected per year
Level of water consumption in Council buildings	Water use monitored by the Corporate Asset Management team	Baseline consumption for 2009/10 244,878 cubic metres	18% reduction by March 2017

	Actions	Who	Cost	Deadline
SW M1	Develop bids to DEFRA and the Regional Flood and Coastal Committee for flood alleviation schemes on all five main watercourses within Middlesbrough. This can include the removal of culvert constraints.	Middlesbrough Council; Environment Agency (EA)	£0.5 million	March 2017
SW M2	Develop schemes to bid for property level flood protection grants and local levy funding for localised flood protection	Middlesbrough Council; Environment Agency; DEFRA (Department for Environment, Food, and Rural Affairs)	£30,000 per year	March 2017
SW M3	Work with community groups and partners to seek grant funding for community based projects to improve the environment and sustainability of habitats along all five main beck valleys	Middlesbrough Council; Friends groups; Community groups	£50,000 per year	March 2017
SW M4	Implement a scheme to enhance flood protection provided by the North Ormesby barrage	Environment Agency	£0.6million	March 2017
SW M5	Continue an on-going programme of maintenance works on Middlesbrough becks to manage flood risk	Environment Agency	Subject to future funding availability	March 2017
SW M6	Implement programme of water saving measures to reduce water consumption in Council buildings by 18% from 2009/10 baseline	Middlesbrough Council	To be determined	March 2017

SW M7	Work with partners to develop schemes to promote water conservation and install and expand the use of water storage at property level	Middlesbrough Council; Environment Agency; Northumbrian Water (NWL); Police	Within mainstream budgets	March 2017
SW M8	Develop projects to create swales and other water storage features where highway drainage can be easily diverted away from direct connections into piped drainage discharges	Middlesbrough Council; Developers	£50,000 per year	March 2017
SW M9	Work with schools to promote use of improved natural habitats in beck valleys for teaching and learning with monitoring of species present	Middlesbrough Council; Local Schools	Within mainstream budgets	March 2017
SW M10	Promote water efficiency to businesses	Middlesbrough Council; Tees Valley Green Business Network	To be determined	March 2017
SW M11	Investigate the impact of non mains drainage on water quality of Middlesbrough becks and determine need for action	Environment Agency; Northumbrian Water Ltd; Middlesbrough Council	To be determined	March 2017
SW M12	Establish procurement procedures that take account of the potential implications of "embodied" water within imported goods procured	Middlesbrough Council	To be determined	March 2017
SW M13	The Fabrick Housing Group to develop a strategy for the management of climate change and effect on water management in current stock.	Erimus Housing	To be determined	March 2017

LONG TERM **April 2017 to March 2025**

Desired Outcomes
Reduced flooding risk
Improved and developed natural habitats, resilient to flooding and drought
Reduced consumption of treated water

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Numbers of properties protected from flooding	Increase in numbers of properties with added protection from flooding monitored by the Environment Agency	Numbers known to be currently at risk of flooding in 2012	Increase by 50% the numbers with added protection from flooding by 2025
Length of watercourses providing habitable conditions for wildlife and with management regimes taking proper account of flood risks. This is to include improvements to culverted and open channelled flows	Through the Biodiversity Action Plan and the Flood Risk Assessments	Current length of suitable habitat with correct management regimes in place	Increase by 50% the correctly managed wildlife habitats by 2025

The number of flood risks with no added protection	Surface Water Management Action Plans determining priorities of future actions	Numbers of properties in Catchment Flood Risk Management Plan at March 2012	Annual increase in numbers of properties with added protection from flooding
Water quality and diversity of species present in natural spaces and facilities managed by local schools and communities for community use	Monitored by community groups, Middlesbrough Council, and Environment Agency	Baselines to be determined at time of approving the habitat	No decline in the quality of managed habitats
The number of development projects that include Sustainable Urban Drainage Schemes (SUDS)	Through Development Planning procedures	Annual measure of additional Sustainable Urban Drainage Schemes	Every project addressing this measure
Mains water consumption in Council buildings, including schools	Level of Council water use monitored by Corporate Asset Management team	Consumption in 2009/10 – 244,878 cubic metres	30% reduction from 2009/10 by 2024/25
Mains water consumption across Middlesbrough as a whole	Level of water consumption across Middlesbrough monitored by Environment Agency and Northumbrian Water Limited (NWL)	To be determined	1.5% reduction per year

	Actions	Who	Cost	Deadline
SW L1	Continue to improve flood defences and introduce technology to maximise early warnings of adverse risks	Middlesbrough Council; Environment Agency (EA); Northumbrian Water Ltd (NWL)	Funding dependent on demonstration of cost benefit	March 2025
SW L2	Increase flood water storage capacity at critical locations, including opening up of culverts and channels where benefits can be gained.	Middlesbrough Council; Environment Agency; DEFRA	Funding dependent on demonstration of cost benefit	March 2025
SW L3	Prepare schemes to separate highway surface water run off from overloaded combined sewer systems and in locations where alternatives exist	Middlesbrough Council; Northumbrian Water Ltd	To be determined	March 2025
SW L4	Develop the use of porous surfaces and attenuation in future highway and engineering projects	Middlesbrough Council	To be determined	March 2025
SW L5	Adapt highways to act as conduits for moving flood waters to suitable storage or discharge locations	Middlesbrough Council; Environment Agency; Northumbrian Water Ltd	To be determined	March 2025

SW L6	Ensure that SUDS facilities are being used to create natural water features and greater use of rainwater and grey water harvested from buildings	Middlesbrough Council	To be determined	March 2025
SW L7	Continue to promote and implement water conservation measures in Council buildings to reduce consumption by 30% from 2009/10 by 2024/25	Middlesbrough Council	To be determined	March 2025
SW L8	Continue to promote and implement water conservation measures throughout Middlesbrough, to reduce consumption by 1.5% year on year	Middlesbrough Council / Northumbrian Water Ltd / Environment Agency	To be determined	March 2025

Outline Evaluation of Risks

Short Term Risks
Unable to locally finance quick win schemes
Medium Term Risks
Unable to compete against national priorities for grant funding
Unable to get community support
Long Term Risks
Unable to compete against national priorities for grant funding
Unable to get developers to maximise SUDS opportunities

Financial Implications	Cost	Source: Existing Budget/Bid Money

Principle No. 7



Land use and wildlife

Protecting and restoring biodiversity and natural habitats through appropriate land use and integration into the built environment.

One Planet Vision

The One Planet vision is of communities that contribute to an overall increase in biodiversity and biological productivity, as well as supporting beautiful landscapes.

The vision is for Middlesbrough to protect, enhance and sustain a local natural environment that is rich in wildlife, with habitats and species that are local to the area, and to ensure that land is available for wildlife to move into in order to be able to adapt to a rapidly changing climate.

Current Situation

Middlesbrough has a rich and diverse natural environment with habitats such as neutral grassland, saltmarsh, and broad-leaved woodland. Priority species include water vole, great crested newt, and bats. To achieve the One Planet vision, habitats are being expanded and protected from further loss.

In Middlesbrough there are 17 local wildlife sites, three Local Nature Reserves and a network of greenspaces, parks and becks to provide a green infrastructure/network for wildlife. This network links up with the wider countryside that wraps around the south of the town and the River Tees to the north. This greenspace needs to be protected from further development, and the management of existing areas must be improved to encourage wildlife and improve biodiversity value. Without further survey and mapping it is difficult to set a target for biologically productive land.

The Tees Valley Biodiversity Action Plan (BAP) sets out to halt the loss in biodiversity, and to protect and to enhance opportunities for priority species and habitats, so increasing biodiversity value. The BAP contains 15 Species Action Plans (SAPs) and 21 Habitat Action Plans (HAPs) for the whole of Tees Valley. The 14 HAPs in Middlesbrough include ponds, reedbeds, roadside verges, rivers and streams, ancient and species rich hedgerows, brownfield sites, semi-natural broadleaved woodland, saltmarsh, unimproved grassland, cemeteries and churchyards. There are SAPs for four priority species: great crested newt, bat, grayling butterfly and water vole. The BAP is made up of Rural, Coastal and Wetlands, and Urban Action Plans, each of which sets out a vision statement, targets and series of actions, with a "plan lead" person to co-ordinate the delivery and review of the action plan. Further information is available at: teesvalleybiodiversity.org.uk.

Biodiversity Duty

All local authorities have a duty under the Natural Environment and Rural Communities Act 2006 to have regard for biodiversity in all its functions. The purpose of this act is to bring about a cultural change and to integrate biodiversity into all the Council's functions and services. Particular strands that the guidance identifies include: Local policy and strategy, Planning and infrastructure, Education and awareness, and Management of local authority controlled land and buildings

Local Sites System

The Local Wildlife Site is a non-statutory designation and includes areas that are valuable for wildlife in the local context. Middlesbrough Council in partnership with the Tees Valley Biodiversity Partnership carried out a review in 2005 of sites identified in the Space for Nature document. The sites were surveyed and then scored against a robust set of criteria in terms of habitat and indicator species. 17 sites have been recorded, not all of which are on local authority owned land. The criteria for assessing sites are set out in the Guidelines for Selection of Local Wildlife Sites in Tees Valley which is drafted by Tees Valley Wildlife Trust in partnership with the Tees Valley Biodiversity Partnership

Local Nature Reserves

Local Nature Reserves (LNRs) are for both people and wildlife. They offer people special opportunities to study or learn about nature or simply to enjoy it. All local authorities have powers to acquire, declare and manage LNRs. To qualify for LNR status, a site must be of importance for wildlife, geology, education or public enjoyment. There are three local nature reserves in Middlesbrough: Linthorpe Cemetery, Berwick Hills Allotments and Stainton Quarry.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Land Use and Wildlife through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

There are a number of strategic documents that identify the importance of biodiversity and relate to the actions in this OPL Action Plan. These include:

Green Spaces Strategy
Tees Valley Green Infrastructure Strategy
Tees Valley Biodiversity Action Plan
Climate Change Adaptation Plan
Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM April 2011 to March 2014

Desired Outcomes
Year on year improvement in the management for biodiversity of Local Nature Reserves and Local Wildlife Sites (There are currently 8 out of 17 local wildlife sites in positive management)
Improved woodland management and increased tree cover through implementation of Middlesbrough Council's Tree Policy.
Revitalised becks, creating a network of high quality open space with increased wildlife value and spaces that the local community want to use and enjoy.
Greater participation in the natural environment in Middlesbrough through educational programmes, events, publicity and data collection and monitoring, and social networking.
Better information about areas of biologically productive land, which could be added to the list of Local Wildlife Sites.
Increased water vole population in Middlesbrough and Tees Valley.
Positive contribution to the Tees Valley Biodiversity Action Plan through reporting on progress against the relevant Habitat Action Plans and Species Action Plans
Creation of new habitat through Green Infrastructure Projects

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Delivery of work programmes for priority Local Wildlife Sites including Fairy Dell and Middlebeck, and Local Nature Reserves including Berwick Hills, Linthorpe Cemetery, and Stainton Quarry.	Implementation of work programmes	Management Plans are in place for these priority sites	Annual work programmes completed each year
Preparation of management plans for those Local Wildlife Sites which are not currently in positive management.	Management Plans written by Countryside Manager in consultation with Area Care and partners.	No Management Plan	Management Plan by March 2013
Engagement with all landowners who have Local Wildlife Sites on their land.	Recording the number of sites where the landowner has been identified and contacted.	Record of contact with private land owners	Positive management by private landowners increased by March 2013
Development of Green Infrastructure Projects such as realignment of Ormesby Beck	Monitoring through Middlesbrough Becks Steering Group	Current position of Ormesby Beck	Completion of realignment of Ormesby Beck by March 2014
Greater community participation and activity within the Becks Valleys by the creation of a new "Friends of" Group, setting up ranger teams and great community events and activity within the becks valleys which will be delivered as part of the Boro Becks Project	Monitoring as part of the Boro Becks project	One Friends group, no ranger team and limited activity on the	Completion of Boro Becks project by September 2013.
The number of educational activities and events related to the natural environment across Middlesbrough at venues such as Newham Grange Country Farm and Stewart Park	Numbers of events	Limited activity	Increased activity annually
Activity in schools through the Eco-Schools programme working with primary and secondary schools to enhance biodiversity in school grounds.	Set work programme and timetable	Aim for schools that currently do not have a nature garden	Install five nature gardens within school grounds by March 2014.

Management Plans for beck valleys to enable increase in habitat value of all becks through positive management.	Write new management plans and agree implementation of works	Currently becks without management	Management Plan for each beck, by March 2014
Availability of information about wildlife, internally within Council and externally via the Council's website.	Progress against work programme monitored by Countryside Team and the Council's web team	Information currently on website	Review and updating of website completed by March 2013

	Actions	Who	Cost	Deadline
LUW S1	Complete Management Plans for the Blue Bell Beck, Teesaurus Park, and Bonny Grove, Marton West Beck Local Wildlife Sites	Countryside Manager with Area Care and partners	Staff Time	March 2012
LUW S2	Work with Tees Valley Wildlife Trust (TVWT) to make links with local landowners	Countryside Manager	Staff Time	March 2012
LUW S3	Create three new Friends Groups within the becks valleys, delivered as part of the Boro Becks project	Boro Becks team in partnership with Middlesbrough Council, Tees Valley Wildlife Trust and Environment Agency.	Part of funding package for Boro Becks project	Completion of Boro Becks project September 2013
LUW S4	Set up a voluntary ranger team as part of Boro Becks project to engage with the local community and encourage active participation in wildlife recording, monitoring and small scale practical tasks	Boro Becks team in partnership with Middlesbrough Council, Tees Valley Wildlife Trust and Environment Agency.	Part of funding package for Boro Becks project	Completion of Boro Becks project September 2013
LUW S5	Implement 5 small-scale practical improvement schemes to improve the beck valleys, as part of the Boro Becks Project	Boro Becks team in partnership with Middlesbrough Council, Tees Valley Wildlife Trust and Environment Agency.	Part of funding package for Boro Becks project	Completion of Boro Becks project September 2013

LUW S6	Write Management Plans for beck valleys to enable increase in habitat value of all becks.	Countryside Manager, Area Care, and community	Part of funding package for Boro Becks project	Completion once realignment of Ormesby Beck and Boro Becks Projects are completed March 2014
LUW S7	Deliver Countryside Events and educational package at Newham Grange Country Farm and countryside sites, and evaluate numbers attending	Countryside Team	Staff Time £2000 (leaflet and resources)	Completion of annual programme each year
LUW S8	Update and improve information about wildlife available within the Council's geographical information systems and intranet, and on the Council's website	Countryside Manager	Staff Time; Cost of software to be determined	Completion of annual review by March 2012
LUW S9	Seek funding for a hedgerow project to improve management on council land and with private landowners	Middlesbrough Council, Wildflower Ark, and other partners	Potential funding from Heritage Lottery Fund (HLF)	Completion by March 2013
LUW S10	Implement Middlesbrough Council's Tree Policy, which would include new planting and development of Green Infrastructure	Area Care	Funding to be determined	Completion of new woodlands, by March 2014
LUW S11	Work with primary and secondary schools on a variety of activities/projects linked with increasing biodiversity in school grounds. Projects such as installing nature gardens in schools that currently don't have one and helping to manage and maintain some of the existing nature gardens within the schools.	Senior Environmental Education Officer	Staff time and school budgets	Creation of five new nature gardens in schools, by March 2014

LUW S12	Deliver annual programmes of events and activities at venues such as Newham Grange Country Farm and Stewart Park and in the beck valleys, which relate to the natural environment.	Duty Officer and Rangers and Boro Becks Team	Parks	Completion of annual programmes each year
LUW S13	Review of street trees	Landscape Team	Staff time	Completion of annual review by March 2012
LUW S14	The Fabrick Housing Group to deliver actions in the Land Use and Wildlife section of their "Green Agenda" action plan, to create space for wildlife on their grounds and in the communities they serve.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
Better information about areas of biologically productive land, which could be added to the list of Local Wildlife Sites
Well managed, enhanced and biodiverse Local Nature Reserves (LNRs) and Local Wildlife Sites
Vibrant and revitalised network of beck valley corridors with good wildlife value and high community use, which are a centre of the local community
Increased water vole population in Middlesbrough and Tees Valley
Creation of new habitat through Green Infrastructure and implementation of Tree Policy
Positive contribution to the Tees Valley Biodiversity Action Plan through reporting on progress against the relevant Habitat Action Plans and Species Action Plans
Increased community participation in the natural environment in Middlesbrough through educational programmes, events, publicity, creation of Friends Groups and increased numbers of volunteers.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Number of Local Wildlife Sites in total across Middlesbrough	Review of wildlife sites	List of existing sites	Increase number of Local Wildlife Sites
Number of work programmes for Local Nature Reserves and Local Wildlife Sites, from site management plans	Set work programmes and timetable	Existing Management Plans	Completion of work programmes by 2016
Activity on the beck valleys with more Friends Groups, events and volunteer ranger teams, as a legacy of the Boro Becks project	Level of activity on the beck valleys	One Friends Group, no ranger team and limited activity on the beck valleys	Three active Friends of groups, volunteer rangers and regular events on the beck valleys.
Development of Green Infrastructure Projects such as Grove Hill Linear Park and Urban Green	Condition of beck and associated landscaping	Poor quality landscape	Increased area of green space with increased habitat value, by March 2017
Increased tree cover in Middlesbrough	Use of GIS and surveys	Baseline unknown	Increased by percentage to be agreed

	Actions	Who	Cost	Deadline
LUW M1	Deliver ongoing management of Local Nature Reserves and Local Wildlife Sites	Countryside Manager	Staff time	Ongoing, due to sites needing constant management. Completion of annual work programmes each year
LUW M2	Carry out review of Local Wildlife Sites In Middlesbrough with field and desk top study	Countryside Manager in partnership with Tees Valley Wildlife	£5,000 funding to be determined.	Complete review and agree new list of Local Wildlife Sites with Tees Valley Biodiversity Partnership by March 2015

LUW M3	Develop a linear park and complete re-naturalisation of a section of Marton West Beck at Grove Hill, as part of the regeneration of the area.	Middlesbrough Council	Funding to be determined	March 2016
LUW M4	Look for funding opportunities to increase tree cover through the implementation of the Tree Policy and development of Green Infrastructure Projects	Middlesbrough Council	Funding to be determined	March 2016
LUW M5	Set up a captive breeding and release programme for water voles in Middlesbrough and Tees Valley	Middlesbrough Council with partners	Funding to be determined	Set up project by March 2015

LONG TERM April 2017 to March 2025

Desired Outcomes

To sustain a biologically diverse landscape with a variety of habitats such as larger areas of woodland with varied age structure, grasslands, ponds and watercourses.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Monitoring	Baseline	Target
Number of additional local wildlife sites added to the existing list	Review of sites and green spaces in Middlesbrough.	Survey of wildlife sites	17 existing sites	Increase the number of local wildlife sites by five by 2020

	Indicative Actions	Who	Cost	Deadline
LUW L1	Ensure all sites are managed appropriately to improve biodiversity value	Middlesbrough Council	Staff Time	March 2025

LUW L2	Create five new wildlife sites at locations identified by the survey and review of sites	Middlesbrough Council and partners	To be determined	March 2020
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Outline Evaluation of Risks

Short and Medium Term Risks
If local wildlife sites are not managed positively Middlesbrough Council will not fulfil its obligations under local indicators or the NERC duty.
Middlesbrough Council has a duty to recognise biodiversity in all its functions and activities as part of its obligations under the Natural Environment and Rural Communities (NERC) Act 2006.
If the community do not feel engaged and enthused about biodiversity and have a relationship with their natural environment they will not work towards its long term protection.
Woodland management is vital to ensure that woodland remains productive, biodiverse and safe for the public. Continuing the current state of inaction would mean that woodlands in Middlesbrough would decline, with effects on biodiversity and additional benefits of tree cover such as dealing with pollution and impacts of climate change on the local landscape.
If there is not another review of the local sites system additional areas of ecological significance may not be put into positive management and so further biodiversity could be lost.
Long Term Risks
If no action is taken to preserve and enhance biodiversity in Middlesbrough this will have a profound impact on residents as a biodiverse environment is essential to maintain many of the natural processes that humanity depends on such as food production, water processes, dealing with pollution and ameliorating the impacts of climate change.

Financial Implications	Cost	Source: Existing Budget/Bid Money
Boro Beck Project	£460,000	Access to Nature funding
Review of local wildlife sites	£5 000	No current funding
Management of existing sites		Existing staff and budgets

Principle No. 8



Culture and heritage

Reviving local identity and wisdom; supporting and participating in the arts.

One Planet Vision

The One Planet vision is one where a culture of sustainability, community and a sense of place has been nurtured. Endorsed regions build on local cultural heritage to foster social capital and connectedness.

Middlesbrough's vision is to ensure access, for both residents and visitors, to high quality experiences that celebrate local cultural achievement and make available world-class culture. Wherever possible, these experiences will be located at sustainable sites and locations which utilise, showcase and recognise what local people value in terms of the town's natural heritage, urban and industrial landscape, with social and economic benefits balanced against environmental impact. Cultural and heritage participation activities will provide opportunities for people to enjoy and gain a wider understanding of One Planet Living principles and key priorities.

Current Situation

The development of Culture and Heritage in Middlesbrough Council sits under a range of key work plans and strategies e.g. the Active Middlesbrough Strategy, the Green Places and Open Spaces Action Plan. All strategies and plans that relate to culture and heritage are represented in the 5 year Cultural Strategy for Middlesbrough, which is a partnership document.

Objectives and tasks / projects that deliver this strategy are placed under the following themes that relate to the One Planet Living principle and aims:

- Economic Vitality
 - a) Increasing participation achievement and aspiration
 - b) Growing the economy and social capital through cultural sustainability
- Stronger Communities
 - c) Supporting and sustaining quality and innovation
 - d) Providing access to excellence (i.e. through cultural provision)
- Economic Vitality & Stronger Communities
 - Developing neighbourhoods, developing the town centre – transforming the town together through cultural participation

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Culture and Heritage through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Cultural Strategy
 Children Families and Learning Plans
 Sustainable Community Strategy
 Regeneration Strategy
 Sustainable Transport Plan
 Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM

April 2011 to March 2014

Desired Outcomes

Events sustainability standard (BS 8901) baseline assessment in place for Middlesbrough Council culture and heritage events.

All external event promoters and organisers that seek to use Middlesbrough Council owned locations and venues are advised about the events sustainability standard.

At least one major event (e.g. the Town Meal), activity programme (e.g. cycling and walking routes), or facility (e.g. re-use of historic at-risk buildings) organised each year that directly promotes one or more of the One Planet Living principles.

All culture, leisure, tourism and heritage venues run by Middlesbrough Council adopt a One Planet Living Action Plan.

Key culture, leisure, tourism and heritage partners encouraged to adopt a One Planet Living Action Plan as part of partnership planning and agreements, as far as possible.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Numbers of residents and visitors accessing cultural venues, programmes and events (Value For Money - increased take-up reducing subsidy/ cost per head of provision).	Existing performance management arrangements – cumulative total of all culture services	Baseline to be established	2% increase year on year
Number of historic buildings on the buildings at risk register	Existing performance management arrangements – planning services	Baseline to be established	To be determined following establishment of the baseline
Perceived impact of participating in cultural / heritage activities to increase awareness and achievements of the One Planet Living agenda	Neighbourhood Survey (added to existing Impact of Culture model)	Baseline to be established	50% of participants

Number of One Planet Living action plans in place at venues	Annual questionnaire – cultural officers group return.	None in March 2010	At least 12 venues by March 2013
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	Actions	Who	Cost	Deadline
CH S1	Employ environmentally friendly methods to promote cultural opportunities to as many residents and visitors as possible	All service heads, marketing staff and culture leads	Within existing budgets	Annual
CH S2	As part of event licensing arrangements ensure <ul style="list-style-type: none"> a) all internal and external event organisers are advised about the BS 8901 standard b) baselines are established to show how events are contributing to criteria in the BS standard 	Festivals and Events Manager	Within existing budgets	March 2014
CH S3	Promote OPL as part of all commissioning and procurement procedures across the culture and heritage sector	Lead officers and heads of service in all cultural sectors	Within existing budgets	Ongoing
CH S4	All culture, leisure, heritage and tourism venues within the Council develop and display OPL action plans	All culture lead officers	Within existing budgets	March 2012
CH S5	Deliver the Town Meal or equivalent event promoting sustainability each year	Partner delivery agent	Within existing budgets	Annual
CH S6	Facilitate 60 town wide events/activities that promote community spirit and provide residents with a means of engaging with agencies and influencing service provision	Community Regeneration	Within existing budgets	Annual

CH S7	In consultation with residents and services, produce nine Neighbourhood Plans detailing actions to improve the quality of life for local residents in those areas.	Community Regeneration	Within existing budgets	March 2012
CH S8	Facilitate and support a varied range of 300 local formal consultation and engagement forums such as Community Councils and Estate Walkabouts, which provide residents from different communities/groups of interest with varied, accessible opportunities to address local issues and influence public service delivery.	Community Regeneration	Within existing budgets	Ongoing
CH S9	The Fabrick Housing Group to deliver actions in the Culture and Heritage section of their "Green Agenda" action plan, to strengthen local communities and increase inter-generational schemes to preserve heritage.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes
Events sustainability standard (BS 8901 - Sustainability Management Systems for Events) assessment is applied for all Middlesbrough Council culture and heritage events.
Ensure that as many external event promoters and organisers as possible that seek to use Middlesbrough Council owned locations and venues adopt the events sustainability standard
At least two major events organised that directly promote one or more of the One Planet Living principles
All culture, leisure, tourism and heritage venues run by Middlesbrough Council adopt a One Planet Living Action Plan, with the key aim of embedding as many of the 10 OPL principles as possible

Increased number of culture, leisure, tourism and heritage partners have adopted a One Planet Living Action Plan as part of partnership planning and agreements
A number of linked public transport and discount schemes exist for paid for cultural activities and venues
The cultural champions scheme, including the shared transport scheme for cultural activities is operational

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Numbers of residents and visitors accessing cultural venues, programmes and events (Value For Money - increased take-up reducing subsidy/ cost per head of provision).	Existing performance management arrangements – cumulative total of all culture services	Baseline to be established	14%+ increase on 2010 by 2017 (i.e. min. 2% increase year on year)
Number of historic buildings on the buildings at risk register	Existing performance management arrangements – planning services	Baseline to be established	No more than 3
Perceived impact of participating in cultural / heritage activities to increased awareness and achievements of One Planet Living agenda	Neighbourhood Survey (added to existing Impact of Culture model)	50%	Over 50% (target to be amended following the first survey after the baseline survey)

Number of One Planet Living action plans in place at venues	Annual questionnaire – cultural officers group return.	Zero in March 2010	Present at all venues by March 2015
Proportion of hard copy marketing compared to electronic marketing	Marketing officers	To be baselined following customer consultation / needs assessment	65%+ of all marketing is electronic by March 2016 (NB To be amended according to national and local surveys as to publicity method preferences)

	Actions	Who	Cost	Deadline
CH M1	Increase the use of environmentally friendly methods to promote cultural opportunities to as many residents and visitors as possible	All service heads, marketing staff and culture leads	Not known currently	March 2015
CH M2	As part of event licensing arrangements, ensure <ul style="list-style-type: none"> a) BS 8901 standard is briefed to all internal and external event organisers b) Baselines are established to show how far off new events are re meeting the BS standard 	Festivals and Events Manager	Not known currently	Ongoing

CH M3	Promote OPL as part of all commissioning and procurement procedures across the culture and heritage sector	Lead officers and heads of service in all cultural sectors	Not known currently	Annual monitoring of ongoing action
CH M4	Deliver partnership discount schemes for paid for cultural activities linked to use of public transport	Lead officers in each cultural sector and Tourism Officer	Not known currently	Ongoing Annual targets to be established
CH M5	Develop and roll out shared transport scheme for cultural activities (through existing cultural champions scheme)	Lead officers in each cultural sector and Tourism Officer/ Box Office services	Not known currently	March 2015
CH M6	All culture, leisure, heritage and tourism venues within the Council develop and display OPL action plans	All culture lead officers	Not known currently	Ongoing
CH M7	Deliver at least 2 OPL principle based events each year: a) The Town Meal b) Cultural venues operate an event/ activity as part of Fairtrade Fortnight, OR c) A new event	Partner delivery agent Lead officers in each cultural sector and Tourism Officer	Not known currently	Annual

LONG TERM April 2014 to March 2025

Desired Outcomes

Major Middlesbrough Council culture and heritage events meet the events sustainability standard.

Ensure that all external event promoters and organisers that seek to use Middlesbrough Council owned locations and venues operate in accordance with the BS event standard (or equivalent re: national developments) as far as possible.

Middlesbrough hosts at least 3 major events that directly promote one or more of the One Planet Living principles.
All culture, leisure, tourism and heritage venues in the town have a One Planet Living Action Plan.
All key culture, leisure, tourism and heritage partners have a One Planet Living Action Plan as part of partnership planning and agreements.
Linked public transport and discount schemes exist for paid for cultural activities and venues.
The cultural champions scheme, including the shared transport scheme for cultural activities is operational and expanded.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Numbers of residents and visitors accessing cultural venues, programmes and events (Value For Money - increased take-up reducing subsidy/ cost per head of provision).	Existing performance management arrangements – cumulative total of all culture services	Baseline to be established	30%+ increase by 2025 from 2010
Number of historic buildings on the buildings at risk register	Existing performance management arrangements – planning services	Baseline to be established	None

Perceived impact of participating in cultural / heritage activities to increased understanding and achievements of One Planet Living agenda (Following a review that shows an increase in people understanding the One Planet Living agenda, a new impact target may be set regarding those who perceive they have actually changed their lifestyle as a result.)	Neighbourhood Survey (added to existing Impact of Culture model)	60%	Over 70%
Number of One Planet Living action plans in place at Council run venues	Annual questionnaire – cultural officers group return.	To be confirmed	All venues

	Indicative Actions	Who	Cost	Deadline
CH L1	Establish majority of all publicity and information campaigns are internet / electronic based across all cultural services	All service heads, marketing staff and culture leads	Not known currently	December 2020
CH L2	As part of event licensing arrangements ensure BS 8901 standard is adopted by all event organisers - internal and external	Festivals and Events Manager	Not known currently	December 2020
CH L3	One Planet Living established as part of all commissioning and procurement agreements across the culture and heritage sector within Middlesbrough Council	Lead officers and heads of service in all cultural sectors	Not known currently	March 2018
CH L4	All culture, leisure, heritage and tourism venues within the Council develop and display OPL action plans	All culture lead officers	Not known currently	Continual

CH L5	Deliver the Town Meal and two new events each year	Partner delivery agent	Not known currently	Annual
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Outline Evaluation of Risks

Short Term Risks
Medium Term Risks
Long Term Risks

<u>Financial Implications</u>	<u>Cost</u>	<u>Source:</u> <u>Existing Budget/Bid Money</u>

Principle No. 9



Equity and local economy

Creating bioregional economies that support fair employment, inclusive communities and international fair trade.

One Planet Vision

The One Planet vision is where thriving, diverse and resilient local economies support fair employment, inclusive communities and international fair trade.

Middlesbrough Council aspires to achieve inclusive access to employment, training, housing, transport and cultural activities across the town with the ultimate aim of equal life chances for all, regardless of age, gender, disability, religion or belief, sexual orientation, transgender or ethnicity. It is committed to developing a community where nobody is disadvantaged because of where, or how, they live.

Current Situation

Middlesbrough's Sustainable Community Strategy demonstrates a clear understanding of the economic, demographic, geographic, environmental and social context of the town and this is reflected throughout the strategy.

The Sustainable Community Strategy sets out the context and vision for enhancing the Local Economy in Middlesbrough. The theme 'Enhancing the Local Economy' is the Council's economic development strategy for the town. It specifies the following key strategic priorities:

- Establish a physical environment and infrastructure that encourages and supports economic vitality
- Provide a transport network that meets the needs of a town on its way up
- Provide business support that encourages more businesses to set up, locate and grow here
- Ensure that local people have the skills for and can access jobs and opportunities
- Facilitate a housing and transport offer that provides the quality and choice required to meet the needs of the community and support future economic growth

- Change attitudes by promoting Middlesbrough's success
- Promote regeneration through flagship cultural projects that act as economic drivers.

Employment and Procurement

Middlesbrough Council employees are paid in line with nationally agreed rates and implementation of the National Joint Council's Single Status Agreement is complete. This scheme has ensured equality in pay and conditions for all staff carrying out similar roles across the diverse operations of Local Authorities. Numerous HR policies sustain flexible working and additional support for staff.

Middlesbrough Council is committed to ensuring that it maximises opportunities for the employment and training of local people created by Council activities and expenditure. A range of support is available to support targeted recruitment and training opportunities for key regeneration programmes and developments. Middlesbrough Council's Procurement Strategy recognises the need for small and medium sized businesses to become part of the supply chain. The Council has been working with local businesses to support them to be better prepared to win contracts from all local services (not just the Council). Examples of this are:

- Running a series of free workshops to help businesses understand the procurement process and prepare organisations for successful tendering
- The procurement process adopted for the first round of Working Neighbourhoods Fund (WNF). This involved a formal Pre Qualification Questionnaire (PQQ) system and pilot using external agency 'Guidestar' to assess the financial viability of applications from the Voluntary and Community Sector.
- The Tees Valley Green Business Network consists of a number of strategic partners (such as Teesside University, Tees Valley Unlimited, North East Chamber of Commerce and the Environment Agency). The network supports organisations to improve their environmental performance and profitability. The Council as a key partner has committed funds and resources in the past to support the network's development and work with companies in Middlesbrough to identify opportunities for them to qualify for help and assistance in this area.

Inclusiveness

The Council is committed to achieving best practice in relation to Equality and Diversity and will continue to align itself against relevant nationally recognised assessment frameworks. Equality and Diversity and addressing inequalities in outcomes is included within performance management arrangements.

Fairtrade

Middlesbrough has the status of Fairtrade Town, awarded by the Fairtrade Foundation. The Middlesbrough Fairtrade Group, a multi-agency community partnership, oversees programmes raising awareness about and promoting Fairtrade. The Council's catering section also uses fair-trade products and NHS Middlesbrough use Fairtrade refreshments in all of their headquarters.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Equity and Local Economy through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

Children and Young People's Plan
 Tees Valley Work and Skills Plan
 Regeneration Service Plan 2010 - 11
 People Strategy
 Corporate Workforce Plan
 Economic Development Team Plan
 Workforce Profile plan
 Prevent Strategy
 Social Care Service Plan;
 NI 14.6
 Every Child Matters
 Children and Young People's Plan
 Core Strategy
 Regeneration Development Plan Document (DPD)
 Local Plan
 Middlesbrough Local Development Framework (LDF)
 Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM

April 2011 to March 2014

Desired Outcomes

The Council's working practices meet nationally recognised best practice in relation to equality and diversity.

The Council has identified, and understands where differences exist between groups in different locations, or different social groups and is implementing plans that effectively target inequalities.

The gap is narrowed between vulnerable groups and town-wide averages.

Businesses project a green image and create an environmentally aware business culture within Middlesbrough ensuring the negative impacts of business on the environment are minimised.
People feel they live in cohesive communities, their views are valued and respected and they feel they can influence the decision-making processes of the Council
Continue to improve the perception of Middlesbrough as a good location to live and work amongst potential business investors, partner agencies and local people.
Increased levels of occupancy, footfall and visitor spend in the town centre will lead to a greater vibrancy and an increasing sense of economic vitality.
Greater strides will be made to sustain Middlesbrough's long term population

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
The council's approach to ensuring that everyone is treated fairly, meets national best practice standards and complies with relevant national equality and diversity assessment frameworks	Annually via the Council's annual report on equality and diversity	Assessed as 'Working Towards Excellence' using the Equality Framework for Local Government	Alignment against requirements of relevant national frameworks for the assessment of the effectiveness of approaches to equality and diversity
Levels of performance as measured by the Council's performance management system relating to equity, employment and skills.	Quarterly via performance management monitoring arrangements	2008/09 year end performance	Improved levels of performance
Retained Performance Indicator BVPI 17a – Percentage of Employees from BME Communities	Central Services Departmental Plan	2.7% 2008/2009	3% by 2014
Percentage of Council employees with a disability (retained BVPI 16a)	Central Services Departmental Plan	2.8% 2008/2009	3% by 2014

Percentage of children in Middlesbrough achieving 5 A* to C grades at GCSE, disaggregated by ethnicity and gender	Children and Young People's Plan	GCSE performance data 2008/9	Achievement of national average levels by all groups
Population change	Local Development Framework (LDF) Annual Monitoring Report (AMR)	139,200 Tees Valley Unlimited (TVU) Key Statistics 2010	Continue to reverse the long term trend of population decline
Total number of vacant units in the town centre	LDF AMR		Reduce the number of vacant units
Vacant dwellings	LDF AMR	2544 (4.2%) AMR 2009/2010	Reduce vacancy rates to 3% by 2016
Dwellings in low demand	LDF AMR	346 (2.3%) AMR 2009/2010	To turn around the incidence of low demand and abandonment

	Actions	Who	Cost	Deadline
EE S1	Develop work to disaggregate relevant data to understand differences between groups and areas to comply with the requirements of the Equality Act by July 2011.	Performance and Policy	Within existing budgets	July 2011
EE S2	Work with key employment partners in the town to assist local people into employment	Regeneration	Within existing budgets	March 2014
EES3	Facilitate events / initiatives that bring together people from different backgrounds: cultural, generational and socio-economic	Community Regeneration	Within existing budgets	Ongoing
EE S4	Monitor the workforce profile of the Council and take action to address	Human Resources	Within existing	Ongoing

	Actions	Who	Cost	Deadline
	negative trends		budgets	
EE S5	Encourage SMEs to become more environmentally efficient through initial diagnostic phase (minimum 20 businesses)	Regeneration	Within existing budgets	March 2014
EE S6	Continue to support and promote the Green Business Network and other relevant networks to encourage businesses to develop greener policies and have a platform to engage, grow and share environmental best practice	Regeneration	Within existing budgets	March 2014
EE S7	Raise awareness of the benefits of improved environmental performance and resource efficiency to the business community through regular web/press coverage (3 articles per annum)	Regeneration	Within existing budgets	March 2014
EE S8	Encourage businesses to take advantage of the low carbon economy opportunities by undertaking renewable audits and support through key partners e.g Teesside University/TWI	Regeneration	Within existing budgets	March 2014
EE S9	Ensure the Council workforce profile more closely reflects the local population	Human Resources	Within existing budgets	March 2014
EE S10	Continue to deliver a multi-agency approach to Community Cohesion to address and prevent community cohesion issues	Community Regeneration	Within existing budgets	March 2014
EE S11	Increase the number of people with a learning disability in employment to 12% from a baseline of 9.4% (est.) 2008/9.	Social Care	Within existing budgets	March 2014
EE S12	Improve the educational attainment levels of looked after children	Children, Families and Learning	Within existing budgets	March 2014
EE S13	Where appropriate, apply relevant LDF and saved Local Plan policies that promote sustainable development principles and enhanced standards in new developments and regeneration projects in Middlesbrough	Planning	Within existing budget	Ongoing
EE S14	In terms of achieving objectives, monitor the effectiveness of LDF and saved Local Plan policies each year through the Annual Monitoring Report (AMR)	Planning	Within existing budgets	The AMR is produced on an annual basis and published each December
EE S15	Undertake consultation on development proposals and future planning	Planning	Within existing	Ongoing

	Actions	Who	Cost	Deadline
	strategy in accordance with the provisions set out in the Statement of Community Involvement (SCI).		budgets	
EE S16	Facilitate 30 projects/events/initiatives that promote community cohesion across the town to bring together people from different backgrounds: cultural, generational and socioeconomic	Community Regeneration	Within existing budgets	Annual
EE S17	The Fabrick Housing Group to deliver actions in the Equity and Local Economy section of their "Green Agenda" action plan, to support the local economy and equity in their workplace and supply chains.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes			
The Council's working practices meet nationally recognised best practice in relation to equality and diversity.			
Actions to address inequalities in outcomes are beginning to narrow the gap between the most vulnerable and town wide averages			
Move towards a low carbon economy creating an environmentally aware business culture, the creation of 'green' jobs and promotion of sustainable employment			
People feel they live in cohesive communities, their views are valued and respected and they feel they can influence the decision-making processes of the Council			
Continue to improve the perception of Middlesbrough as a good location to live and work amongst potential business investors, partner agencies and local people.			
Increased levels of occupancy, footfall and visitor spend in the town centre will lead to a greater vibrancy			
Greater strides will be made to sustain Middlesbrough's long-term population.			
Indicators, of progress towards the stated desired outcomes		How the indicator will be monitored	Baseline Target

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Percentage of Council employees from BME Communities (Retained Performance Indicator BVPI 17a)	Central Services Departmental Plan	2.7% 2008/2009	Continual improvement from the baseline
Percentage of Council employees with a disability (retained BVPI 16a)	Central Services Departmental Plan	2.8% 2008/2009	Continual improvement from the baseline
Percentage of children in Middlesbrough achieving 5 A* to C grades at GCSE, disaggregated by ethnicity and gender, children looked after status	Children and Young People's Plan	2008/9 GCSE performance data	Achievement of national average levels by all groups.
The council's approach to ensuring that everyone is treated fairly, meets national best practice standards and complies with relevant national equality and diversity assessment frameworks	Annually via the Council's annual report on equality and diversity	Assessed as 'Working Towards Excellence' using the Equality Framework for Local Government	Alignment against requirements of relevant national frameworks for the assessment of the effectiveness of approaches to equality and diversity
Levels of performance as measured by the Council's performance management system relating to equity, employment and skills.	Quarterly via performance management monitoring arrangements	2008/09 year end performance	Improved levels of performance

	Actions	Who	Cost	Deadline
EE M1	Move the Council workforce profile to more closely reflect the local population, through integrated workforce planning and HR measures to promote a more diverse workforce	Human Resources	Within existing budgets	Ongoing

EE M2	Utilise the disaggregated data the council is required to publish under the Equality Act to ensure performance management (via the service planning process) effective focuses on tackling inequalities in outcomes.	Performance and Policy	Within existing budgets	Ongoing
EE M3	Community Cohesion actions continue to be taken to address community cohesion issues	Regeneration MH	Within existing budgets	Ongoing
EE M4	Encourage businesses to further develop their environmental performance by undertaking renewable audits through key partners, such as Teesside University and TWI Ltd.	Regeneration	Within existing budgets	March 2017
EE M5	Develop a Business Improvement District (BID) in the town centre to increase footfall, business occupancy and a balanced presence of retailers in the town centre.	Regeneration	Within existing budget	March 2017
EE M6	Where appropriate, apply relevant LDF and saved Local Plan policies that promote sustainable development principles and enhanced standards in new developments and regeneration projects in Middlesbrough	Planning	Within existing budget	Ongoing
EE M7	In terms of achieving objectives, monitor the effectiveness of LDF and saved Local Plan policies each year through the Annual Monitoring Report (AMR)	Planning	Within existing budgets	The AMR is produced on an annual basis and published each December
EE M8	Undertake consultation on development proposals and future planning strategy in accordance with the provisions set out in the Statement of Community Involvement (SCI).	Planning	Within existing budgets	Ongoing
EE M9	The Fabrick Housing Group to use working activities to encourage local employment where possible.	Erimus Housing	To be determined	March 2017

LONG TERM April 2017 to March 2025

Desired Outcomes
The gap is narrowed between those most deprived and the rest of the population.
The Council has established and maintained a high reputation in the area of equality.
Community tensions are low.
Middlesbrough will offer the appropriate mix of business premises that meet quality expectations and sustainability standards.
The town has moved towards a low carbon economy creating an environmentally aware business culture, creating 'green' jobs and promoting sustainable employment.
Continue to improve the perception of Middlesbrough as a good location to live and work amongst potential business investors, partner agencies and local people.
Levels of new business creation will back up the perception of Middlesbrough as an enterprising town.
The gap between employment levels in Middlesbrough and more prosperous areas of the region will reduce.
There will be a strong and effective private rented sector that adds real choice to the housing market.
Perceptions of Middlesbrough as a modern vibrant and diverse cultural hub will increase at both sub-regional and regional levels.
The population of Middlesbrough is stable.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
The make up of Council employees is in line with the overall population.	Monitored via Performance Management processes	2010 Corporate Workforce report	Comparability of the workforce to the local population
Commercial occupancy levels	Through existing data capture processes	2010/2011 database	Comparable to Tees Valley wide levels

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Levels of education of looked after children	Progress monitored through the Children's Trust and Council quarterly Performance Clinics	2009/10 educational attainment data for looked after children	Comparable to wider educational attainment levels

	Indicative Actions	Who	Cost	Deadline
EE L1	Council workforce profile moves closer to town more closely reflects the local population through integrated workforce planning and HR measures to promote a more diverse workforce	Human Resources	Within existing budgets	2025
EE L2	The robust use of sophisticated disaggregated data is embedded within the Council's planning and performance management processes.	Performance and Policy	Within existing budgets	2025
EE L3	Work with property developers to ensure appropriate mix of business premises in the town.	Planning	Within existing budgets	2025
EE L4	Where appropriate, apply relevant LDF and saved Local Plan policies that promote sustainable development principles and enhanced standards in new developments and regeneration projects in Middlesbrough	Planning	Within existing budget	Ongoing
EE L5	In terms of achieving objectives, monitor the effectiveness of LDF and saved Local Plan policies each year through the Annual Monitoring Report (AMR)	Planning	Within existing budgets	The AMR is produced on an annual basis and published each December
EE L6	Undertake consultation on development proposals and future planning strategy in accordance with the provisions set out in the Statement of Community Involvement (SCI).	Planning	Within existing budgets	Ongoing

Outline Evaluation of Risks

Short Term Risks
<p>Continued impact of the recession Loss of funding / grants to address areas of underperformance in deprived areas Failure to increase the town's population Increased deprivation amongst the town's population Changes in government policy or lack of political directions Reduction in funding, and uncertainty over budget allocations Lack of appropriate skills within Middlesbrough to help the economy grow.</p> <p>The above could lead to increased unemployment, reduced economic activity, loss of confidence in the housing market, population decline and poor reputation.</p>
Medium Term Risks
<p>Continued impact of the recession Loss of funding / grants to address areas of underperformance in deprived areas Failure to increase the town's population Increased deprivation amongst the town's population Changes in government policy or lack of political directions Reduction in funding, and uncertainty over budget allocations Lack of appropriate skills within Middlesbrough to help the economy grow.</p> <p>The above could lead to increased unemployment, reduced economic activity, loss of confidence in the housing market, population decline and poor reputation.</p>
Long Term Risks
<p>Continued impact of the recession Loss of funding / grants to address areas of underperformance in deprived areas Failure to increase the town's population Increased deprivation amongst the town's population Changes in government policy or lack of political directions Reduction in funding, and uncertainty over budget allocations Lack of appropriate skills within Middlesbrough to help the economy grow.</p> <p>The above could lead to increased unemployment, reduced economic activity, loss of confidence in the housing market, population decline and poor reputation.</p>

Financial Implications	Cost	Source: Existing Budget/Bid Money
Ongoing work towards long-term plans		Within current budgets
All arising financial implications will be included as considerations in the development of plans.		

Principle No. 10



Health and happiness

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

One Planet Vision

The One Planet vision is to create 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.

Middlesbrough Council, partner organisations, and individual employees and residents will contribute fully towards ensuring the health and well-being of all residents of Middlesbrough and staff employed by the Council and partners. The health and happiness of the residents of Middlesbrough will be enhanced through the development and implementation of the other One Planet Living principles.

Middlesbrough Council will place a high priority on considering the health and happiness implications of decisions taken by the Council, particularly in areas such as planning, transport and design, licensing and other areas that can help to tackle the obesogenic environment.

Current Situation

NHS Middlesbrough and Middlesbrough Council have delivered a Healthy Town programme funded by the Department of Health. The main focus of this programme has been to tackle obesity levels within the town, and encourage residents to be more physically active and improve their health and well-being. The four main themes of the programme: Active Travel, Urban Farming, Enhancing the environment, open spaces and recreation, and Youth Health, support the Health and Happiness principle in a variety of ways, as well as contributing to many of the other One Planet Living principles.

A key theme running through the Healthy Town programme is to encourage residents to make the most of their surrounding environments and increase their levels of physical activity and improve their diets. The programme funding ceased in April 2011, but initiatives are being sustained wherever possible.

Middlesbrough Council has gained the Silver Better Health at Work Award, which entails a partnership approach to achieving well documented benefits including: workplace health, improved staff morale and loyalty, reduced absenteeism, and reduced staff turnover. The Council has signed the Mindful Employer charter which guides a positive approach to recruitment.

The Council has many mechanisms in place to help employees to be happy and healthy at work, with policies and procedures include Managing Health, Attendance and Well-being Policy, Buying Annual Leave, Carers' Leave, Mental Well-being Policy, Health & Safety Policy, Stuck not Sick Procedure, Stress Action plans, Extensive Learning and Development Brochure, Corporate Appraisal scheme and a Corporate Risk Assessment procedure.

An annual Health and Well-being Planner includes various health campaigns and initiatives which are promoted throughout the year and also provides opportunities for staff engagement in a variety of physical exercises including lunchtime pilates sessions and discounted membership to the X4 Council gyms. A network of departmental Health Champions is integral to delivering health messages to peers across the organisation.

The Bullying, Harassment and Discrimination Policy has designated Contact Officers, and there are many avenues for consultation on workplace issues including Employee Focus Groups, an Employee Newsletter, payslip messages, intranet bulletins, and a staff suggestion email system.

Many partnerships are in place which contribute towards improving the health and happiness of residents, including the Children's Trust's Be Healthy theme group; Healthy Schools Partnership; School Sports Partnership; Active Middlesbrough Forum; Mental Health Local Implementation Team; Healthy Town Programme Board; Tobacco Control Alliance; Safer Middlesbrough Partnership; Teenage Pregnancy Executive; Tees Suicide Prevention Taskforce; Local Safeguarding Children's Board; and Adult Safeguarding Partnerships.

The Joint Strategic Needs Assessment, updated annually, focuses on the health needs of the town and looks at wider issues including the environment, housing and economic vitality.

The Fabrick Housing Group is contributing to Middlesbrough's One Planet Living programme by addressing Health and Happiness through its own Sustainability Action Plan, developed in consultation with BioRegional.

Strategic Documents

People Plan
Health & Well-being Strategy
Joint Strategic Needs Assessment (JSNA)
Sustainable Communities Strategy
Obesity Strategy
Transport Policy
Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM April 2011 to March 2014

Desired Outcomes

Within Middlesbrough Council, preventative measures and support targeted in areas where health and well-being needs have been highlighted through the monthly sickness statistics.

Increased understanding among One Planet Living lead officers and Council managers of the impact the environment has upon health and well-being of Middlesbrough's residents.

Reduced sickness absence among Council employees, year on year

Middlesbrough Council to achieve the Gold Better Health at Work Award

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
Production of a summary of findings, action plan, and monitoring methodology, following staff survey	Quarterly review of Action Plan	To be determined following staff survey	To be determined following staff survey
Delivery of actions following the Council's Employee Survey which included Health and Safety Executive (HSE) Management Standards.	Departmental and corporate stress management action plans produced and reviewed.	To be determined following staff survey	Actions delivered through corporate and Departmental plans, reviewed and updated annually.
Levels of absence and reasons for absence	Through the SAP payroll system	2009/10 corporate figure 9.61 days per FTE. 2010/11 figure 8.46 days per FTE	2011/12 target to be agreed by CMT
Attainment of Better Health at Work awards	Quarterly review of portfolio evidence	Silver award	Gold award by April 2012
The number of people in Middlesbrough that undertake regular physical activity to a level that has positive health benefits	Sport and Leisure attendance statistics	To be determined	To be determined

	Actions	Who	Cost	Deadline
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HH S1	Hold regular meetings with nominated Health Champions in each service area as part of the Better Health at Work Award	Human Resources (HR) client	Within mainstream budgets	Ongoing
HH S2	Produce monthly sickness statistics report to the Corporate Management Team, and distribute to Heads of Service and via Managers' Communication List	Employee services / HR client	Within mainstream budgets	Ongoing
HH S3	Analyse sickness absence statistics, and deliver a programme of targeted actions	Employee services / HR client	Within mainstream budgets	Ongoing
HH S4	Consistently apply the Managing Health, Attendance and Well-being Policy, and deliver regular health promotion activities.	HR Client / Operational HR / Line managers	Within mainstream budgets	Ongoing
HH S5	Prepare a report on Health Impact Assessments for consideration by the Council's Corporate Management Team (CMT) and Planning Department	Council officers & NHS	Within mainstream budgets	April 2012
HH S6	Create a One Planet Living Health and Happiness Steering Group	Community Protection and NHS Middlesbrough	Within mainstream budgets	September 2011
HH S7	Achieve the Gold Better Health at Work Award	HR Client / Operational HR	Within mainstream budgets	April 2012
HH S8	Continue to implement Corporate Health and Well-being action plan	HR Client/ Operational HR	Within mainstream budgets	Ongoing

HH S9	Encourage employee participation in sporting events like the 10K run and continue to promote, engage and monitor a package of physical activities for employees	Community Protection/HR Client		Ongoing
HH S10	Raise employee awareness of mental health training opportunities with line managers attending Mental Health First Aid training and mental health awareness briefings for employees	HR Client/Council Officers	Within mainstream budgets	Ongoing
HH S11	Develop the Council's Corporate Social Responsibility portfolio (in line with Big Society) with opportunities for employee engagement	HR Client/Voluntary Sector Liaison Team	Within mainstream budgets	Ongoing
HH S12	Measure population attitudinal changes towards mental health, utilising Time to Change range of indicators and the Warwick Edinburgh Mental Well-being Scale (WEMWBS)	NHS Middlesbrough / Council HR client / Community Protection	Within mainstream budgets	Ongoing
HH S13	Organise the delivery of health screening programmes on agreed Council locations, using the Middlesbrough Football Club Health Bus	HR client / Community Protection	Within mainstream budgets	Ongoing
HH S14	Support at least three health campaigns per annum	HR client / Community Protection	Within mainstream budgets	
HH S15	Establish a monitoring system compliant with the Government's measurement of happiness/well-being	Community Protection / HR client / NHS Middlesbrough	Within mainstream budgets	March 2012 (dependent on publication of the Government scheme's requirements)

HH S16	Through targeted programming and enhanced customer support, develop 500 new regular swimmers in Middlesbrough's pools (people who participate once per week)	Sport and Leisure Service	Mainstream budgets and external funding.	March 2012
HH S17	Establish three community running sessions to support Middlesbrough residents who want to develop their running fitness to participate in Middlesbrough Teespride 10km Road Race	Sport and Leisure Service	Sponsored activity	March 2012
HH S18	Maximise the impact of London 2012 by using the Games to raise the profile of sport and physical activity and to ensure a legacy of physically active children and adults in Middlesbrough	Sport and Leisure Service	To be determined	2012
HH S19	Develop a programme of led cycle rides and ride leaders through the Women's Cycle Network (Breeze) and through delivery of Skyride / Skyride local. Ultimately increase the number of people that regularly cycle.	Community Protection Service, British Cycling	Existing budgets and National Lottery funding.	Ongoing
HH S20	Develop enhanced mechanisms to measure the impact of physical activity (especially gym based activity) upon health improvement. This will be through the use of Wellness systems and through implementation of a new Leisure Management System	Sport and Leisure Service	Existing budgets and external funding	Ongoing
HH S21	The Fabrick Housing Group to deliver actions in the Health and Happiness section of their "Green Agenda" action plan, to improve overall health and well-being of their staff and communities.	Erimus Housing	To be determined	March 2014

MEDIUM TERM April 2014 to March 2017

Desired Outcomes

Positive improvements in the health and happiness of Middlesbrough residents
Reduced sickness absence year on year among Council employees
Introduction of more innovative, effective and cost-efficient ways to promote health and well-being in the workplace
"HEALTH Impact Assessments" to be a standard requirement on all Planning / Transport / Design / Licensing decisions taken by the Council
Above average rating in the national happiness assessment

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
The percentage of days lost related to stress, depression, anxiety, mental health and fatigue	Quarterly review sickness statistics	To be determined	Improved response rate and outcomes
Levels of absence and reasons for absence	Through the SAP Payroll system	2010/2011 final outturn 8.46 days	Targets to be agreed annually by Corporate Management Team (CMT)
Maintenance of the Better Health at Work Gold award	Quarterly review of portfolio evidence	Silver Award	Continued attainment of Gold award standard year on year
Formal approval of Health Impact Assessments being incorporated into the planning and licensing processes within the Council	Council Planning officers	No legislation at present	Full adoption by Council

The number of people in Middlesbrough that undertake regular physical activity to a level that has positive health benefits	Sport and Leisure attendance statistics	To be determined	To be determined
Middlesbrough's rating against the Government's measure of happiness/well-being	Monitoring mechanism overseen by Community Protection	National scheme not yet in place	Better than the national average

	Actions	Who	Cost	Deadline
HH M1	Produce monthly sickness statistics report to the Corporate Management Team. Monthly sickness statistics distributed to Heads of Service and via Managers' Communication List. Analysis of statistics, targeted actions and ongoing work to reduce levels of sickness absence.	Employee Services / HR Client/ Operational HR	Within mainstream budgets	Ongoing
HH M2	Continue consistent application of the Managing Health, Attendance and Well-being Policy	HR Client / Operational HR	Within mainstream budgets	Ongoing
HH M3	Continue to implement Corporate Health and Well-being action plan	HR Client/ Operational HR	Within mainstream budgets	On-going
HH M4	Encourage employee participation in sporting events like the 10K run and continue to promote, engage and monitor a package of physical activities for employees	Community Protection/HR Client		On-going
HH M5	Raise employee awareness of mental health training opportunities with line managers attending Mental Health First Aid training, and mental health awareness briefings for employees	HR Client/Council Officers	Within mainstream budgets	On-going
HH M6	The Fabrick Housing Group to deliver a staff welfare programme.	Erimus Housing	To be determined	March 2017

LONG TERM April 2017 to March 2025

Desired Outcomes
Continuing positive improvements to the health and happiness of the residents of Middlesbrough
Life expectancy of Middlesbrough residents at least as good as the national average
All key partners appreciate the impact that the environment has on the health and well-being of local people, and understand and accept their responsibilities in contributing towards ensuring improved health and happiness within our town.

Indicators of progress towards the stated desired outcomes	Monitoring	Baseline	Target
Middlesbrough's rating against the Government's measure of happiness/well-being	Monitoring mechanism overseen by Community Protection	National scheme not yet in place	Better than the national average
Life expectancy of Middlesbrough residents	Monitoring mechanism overseen by Community Protection	74.1 years for men; 78.7 years for women	Improve life expectancy to the national average
The percentage of days lost related to stress, depression, anxiety, mental health and fatigue	Quarterly review sickness statistics	To be determined	Improved response rate and outcomes
Levels of absence and reasons for absence	Through the SAP Payroll system	2010/2011 final outturn 8.46 days	Targets to be agreed annually by Corporate Management Team (CMT)

Maintenance of the Better Health at Work Gold award	Quarterly review of portfolio evidence	Silver Award	Continued attainment of Gold award standard year on year
The number of people in Middlesbrough that undertake regular physical activity to a level that has positive health benefits	Sport and Leisure attendance statistics	To be determined	To be determined
Provision of opportunities for residents to live healthy and happy lives within a One Planet lifestyle – surveys to be conducted	Environmental Sustainability team	To be determined	Opportunities available to all

	Indicative Actions	Who	Cost	Deadline
HH L1	Raise employee awareness of mental health training opportunities with line managers and consideration to be given to mandatory Mental Health First Aid training	HR Client/Council Officers	Within mainstream budgets	On-going
HH L2	Review and further develop the Council's Corporate Social Responsibility portfolio (in line with Big Society) with opportunities for employee engagement	HR Client/Voluntary Sector Liaison Team	Within mainstream budgets	On-going
HH L3	Consider carrying out a further survey of Council employees. If no further survey undertaken continue to implement and review the Corporate Stress Risk Management Action Plan	HR Client/ Council Officers	Within mainstream budgets	March 2018
HH L4	Conduct surveys of Middlesbrough residents to establish their access to opportunities to increase their health and well-being	Middlesbrough Council / Middlesbrough Environment City	To be determined	At least two surveys between April 2017 and March 2025

Outline Evaluation of Risks

Short Term Risks
<ul style="list-style-type: none"> • Lack of responses to the Council's Employee Survey • Not achieving Gold status in the Better Health at Work Award • Lack of funding available to sustain the Healthy Town programme initiatives related to OPL (after grant funding ceases March 2011)
Medium Term Risks
<ul style="list-style-type: none"> • The Council not agreeing to "HEALTH Impact Assessments" being a standard requirement on all Planning / Transport / Design / Licensing decisions taken by the Council
Long Term Risks
<ul style="list-style-type: none"> • Key partners not prioritising the impacts of the environment on the health and well-being of Middlesbrough's residents

Financial Implications	Cost	Source: Existing Budget/Bid Money

Climate Change Adaptation

One Planet Vision

A strategy to assess and address Middlesbrough's vulnerability to current and future climate change will be maintained, including consideration of:

- Risks to public health
- Increasing flooding due to heavier winter rainfall and more frequent intense storms
- Greater potential for damage to buildings due to materials expanding more in the higher temperatures, and heavy rainfall leading to water getting into elements of the building structure
- Increasing numbers of some pest species.

Current Situation

Even if all greenhouse gas emissions stopped today, previously released gases would continue to affect our climate for at least the next 50 years. As emissions are still increasing, we can expect climate change to continue for many decades to come. It is projected that Middlesbrough will experience hotter summers, wetter winters, and more extreme weather events as the atmosphere warms up. The Council is working to ensure that Middlesbrough will be able to cope with these changes, by, for example, improving our drainage systems, designing more efficient buildings, and adapting dress codes to suit the warmer weather.

Middlesbrough's Sustainable Community Strategy has the following strategic priority 'Reduce carbon emissions and adapt to Climate Change' and the Middlesbrough Vision and all Community Strategy themes require an effective response to the projected changing weather patterns.

Middlesbrough Council included National Indicator 188 (Planning to adapt to climate change) in its Local Area Agreement (2008-2011), achieving level 3 of this indicator in March 2010 and level 4 in March 2011.

The Coalition Government announced the end of National Indicators in October 2010. The Climate Change Act 2008 imposed Reporting Powers requirements on all major utilities and other statutory bodies. Local Authorities were excluded from this section of the Act as this requirement was included within the National Indicator set. The Secretary of State for Environment, Food and Rural Affairs, Caroline Spelman, wrote to the Chancellor of the Exchequer on 30 September 2010 pointing out the importance of communities continuing to address the issue of adaptation.

Middlesbrough's Climate Change Adaptation Action Plan was approved by the Council's Executive on 30 March 2010.

All Middlesbrough Council Heads of Service carried out climate change adaptation risk assessments during the 2010/11 financial year. Risks identified during these assessments have been incorporated into Middlesbrough Council's corporate risk register. Where actions have been identified these have been built into individual service plans for the appropriate financial year. These actions will be monitored as part of Middlesbrough Council's corporate performance management system. Annual reviews of the climate change adaptation risk assessment will ensure that actions required for future years will be incorporated into annual service plans at the appropriate time.

Three staff employed to deliver the Boro Becks Project (via a service level agreement with Tees Valley Wildlife Trust) encourage community interest in the beck corridors and carry out habitat improvement work, in ways that help to address climate risks.

Strategic Documents

Documents supporting Middlesbrough's commitment on adaptation to climate change include:

Sustainable Community Strategy

The Local Development Framework (LDF) Core Strategy Policy CS4 (Sustainable Development)

Tees Valley Green Infrastructure Strategy

Tees Valley Biodiversity Action Plan

Climate Change Adaptation Plan

Fabrick Housing Group's "Green Agenda" sustainability action plan

SHORT TERM **April 2011 to March 2014**

Desired Outcomes
Climate Change Adaptation to be embedded in service planning process across all Council Services.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
High and medium risk will be included in the Corporate Risk Register.	Corporate Risk Register; Individual Service Plans	Climate Change Adaptation Action Plan (2010)	All Corporate Risks to be reviewed in accordance with agreed timescale.

	Actions	Who	Cost / Funding Source	Deadline
CCA S1	All Heads of Service to carry out relevant climate change adaptation actions incorporated into Middlesbrough Council's corporate risk register. These actions will be monitored as part of Middlesbrough Council's corporate performance management system.	All Heads of Service	Determined within individual service plans	Annually to March 2014
CCA S2	Carry out annual reviews of the climate change adaptation risk assessment to ensure that actions required for future years will be incorporated into annual service plans at the appropriate time.	All Heads of Service	Determined within individual service plans	Annual, ongoing
CCA S3	Complete the Stewart Park refurbishment project. This will include planting to address the issues of flooding onto Ladgate Lane alongside the installation of sustainable urban drainage systems to control the flow of drainage throughout the course of the park.	Environment and Adult Social Care, Middlesbrough Council	Combined funding from Big Lottery and the Heritage Lottery Fund (Parks for People)	March 2012

CCA S4	Implement the 'Boro Becks' Project - a partnership between Middlesbrough Council (the accountable body), Tees Valley Wildlife Trust and the Environment Agency.	Environment and Adult Social Care, Middlesbrough Council	External funding from the Big Lottery Fund's Access to Nature scheme	March 2013
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MEDIUM TERM **April 2014 to March 2017**

Desired Outcomes
Climate Change Adaptation measures embedded in service planning process across all Council Services, together with partners' initiatives, are helping to reduce risks of impacts identified in risk assessments.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
High and medium risk will be included in the Corporate Risk Register.	Corporate Risk Register; Individual Service Plans	Climate Change Adaptation Action Plan (2010)	All Corporate Risks to be reviewed in accordance with agreed timescale.

	Actions	Who	Cost	Deadline
CCA M1	Continue to monitor climate change adaptation risks as part of Middlesbrough Council's corporate performance management system to ensure that future actions are incorporated into annual service plans at the appropriate time.	All Heads of Service	Determined within individual service plans	Annually to March 2017

CCA M2	All developments in areas vulnerable to flooding to submit a flood risk assessment as part of the planning application process, and all such developments to be referred to the Environment Agency for detailed comment. Where appropriate these comments are to be included as conditions on the planning consent. Continue to apply planning policy statement 25 (PPS25) to assess the present and future flooding risks to all new developments. This should include the incorporation of Sustainable Drainage Systems on new developments to mitigate against localised flooding.	Development Control, Regeneration, Middlesbrough Council	Funded by developers/ applicants	Annually to March 2017
CCA M3	The Health Protection Agency (HPA) to co-ordinate record keeping for notifiable infectious diseases in the region, as defined in the Public Health Act and Public Health regulations. The HPA to submit a quarterly report on notifiable infections/diseases to the Tees Public Health Group who will continue to monitor notifiable infections/diseases on a quarterly basis.	Environment, Middlesbrough Council	Funded from the existing Environment revenue budget	Annually to March 2017
CCA M4	Middlesbrough Council to attend six-weekly meetings of the Flood Risk Group for the Tees Valley (membership drawn from all 5 unitary authorities).	Environment, Middlesbrough Council	Funded from the existing Environment revenue budget	Annually to March 2017
CCA M5	Maintenance of the Heat Health Watch, which has been instigated once since its inception. All service providers to be aware of heat wave advice. Early warning systems are in place from the Met Office via the National Severe Weather Warnings Service (NSWWS) and the Heat Health Watch Service. Maintain Heat Health Watch Service.	Social Care, Middlesbrough Council	Funded from the existing Social Care revenue budget	Annually to March 2017

CCA M6	Cleveland Emergency Planning Unit (CEPU) to produce the Cleveland Community Risk Register that is updated every quarter. Each quarterly review updates approximately 8 of the risk assessments so that all identified risks are assessed over a 12-month period. The most recent register was published in July 2009. Carry out quarterly reviews of risk assessments.	Corporate Services, Middlesbrough Council	Funded from the existing Corporate Services revenue budget	Annually to March 2017
CCA M7	Undertake annual review to ensure that the Corporate Business Continuity Plan, Service Area Departmental Business Continuity Plans and supporting documents remain 'fit for purpose'.	Corporate Services, Middlesbrough Council	Funded from the existing Corporate Services revenue budget	Annually to March 2017

LONG TERM April 2017 to March 2025

Desired Outcomes
Climate Change Adaptation to be embedded in service planning process across all Council Services.

Indicators, of progress towards the stated desired outcomes	How the indicator will be monitored	Baseline	Target
High and medium risk will be included in the Corporate Risk Register.	Corporate Risk Register; Individual Service Plans	Climate Change Adaptation Action Plan (2010)	All Corporate Risks to be reviewed in accordance with agreed timescale.

	Indicative Actions	Who	Cost	Deadline
CCA L1	Continue to monitor climate change adaptation risks as part of Middlesbrough Council's corporate performance management system to ensure that future actions are incorporated into annual service plans at the appropriate time.	All Heads of Service	Determined within individual service plans	Annually to March 2025
CCA L2	All developments in areas vulnerable to flooding to submit a flood risk assessment as part of the planning application process, and all such developments to be referred to the Environment Agency for detailed comment. Where appropriate these comments are to be included as conditions on the planning consent. Continue to apply planning policy statement 25 (PPS25) to assess the present and future flooding risks to all new developments. This should include the incorporation of Sustainable Drainage Systems on new developments to mitigate against localised flooding	Development Control, Regeneration, Middlesbrough Council	Funded by developers / applicants	Annually to March 2025
CCA L3	The Health Protection Agency to co-ordinate record keeping for notifiable infectious diseases in the region, as defined in the Public Health Act and Public Health regulations. The HPA to submit a quarterly report on notifiable infections/diseases to the Tees Public Health Group who will continue to monitor notifiable infections/diseases on a quarterly basis.	Environment, Middlesbrough Council	Funded from the existing Environment revenue budget	Annually to March 2025
CCA L4	Middlesbrough Council to attend six-weekly meetings of the Flood Risk Group for the Tees Valley (membership drawn from all 5 unitary authorities).	Environment, Middlesbrough Council	Funded from the existing Environment revenue budget	Annually to March 2025
CCA L5	Maintenance of the Heat Health Watch, which has been instigated once since its inception. All service providers to be aware of heat wave advice. Early warning systems are in place from the Met Office via the National Severe Weather Warnings Service (NSWWS) and the Heat Health Watch Service. Maintain Heat Health Watch Service.	Social Care, Middlesbrough Council	Funded from the existing Social Care revenue budget	Annually to March 2025

CCA L6	Cleveland Emergency Planning Unit (CEPU) to produce the Cleveland Community Risk Register that is updated every quarter. Each quarterly review updates approximately 8 of the risk assessments so that all identified risks are assessed over a 12-month period. The most recent register was published in July 2009. Carry out quarterly reviews of risk assessments.	Corporate Services, Middlesbrough Council	Funded from the existing Corporate Services revenue budget	Annually to March 2025
CCA L7	Undertake annual review to ensure that the Corporate Business Continuity Plan, Service Area Departmental Business Continuity Plans and supporting documents remain 'fit for purpose'.	Corporate Services, Middlesbrough Council	Funded from the existing Corporate Services revenue budget	Annually to March 2025

Outline Evaluation of Risks

Short Term Risks	
Failure to obtain "buy in" from senior management	
Failure of staff to complete climate change adaptation risk assessments	
Medium Term Risks	
Failure to carry out actions identified in climate change adaptation risk assessment	
Failure to review climate change adaptation risk assessments on annual basis	
Long Term Risks	
Failure to carry out actions identified in climate change adaptation risk assessment	
Failure to review climate change adaptation risk assessments on annual basis	
Financial Implications	Source: Existing Budget/Bid Money
Each £1 spent on adaptation represents 4 times its value in potential damages avoided. (Source: OECD 2009)	
A case study of Hull estimated that around 65% of the loss expected to 2030 could be averted through adaptation measures whose economic benefits outweigh their costs. (McKinsey)	
Adapting to the physical impacts of climate change could provide a benefit to cost ratio of seven to one. (Climate North East Regional Study on Economic Implications of Climate Change (2010))	

Delivery Mechanisms

Leadership

Making Middlesbrough a One Planet Living town will be achieved through political leadership.

In September 2010, Middlesbrough Council's Executive endorsed a public consultation exercise on a draft One Planet Living action plan, to engage residents and other stakeholders in discussion about how best to make Middlesbrough a more sustainable community. This commitment and leadership provides the context for the successful development and application of a town-wide programme.

The Middlesbrough Partnership's Executive Board also agreed to support the development of a One Planet Living programme. In January 2010, the Partnership's Community Forum on 'One Planet – One Middlesbrough' attracted 160 participants, and, through workshops, generated valuable suggestions on priorities and measures to be taken to progress the One Planet Living programme.

Business planning and performance management

Middlesbrough Council

Within Middlesbrough Council, the political leadership provided by the Mayor and Executive is converted into action through the Corporate Management Team and the management structure of the authority. Because the one planet living approach complements and supports the core aim of the Council – to help make Middlesbrough a thriving, vibrant community where people and businesses succeed – it has been integrated into the Council's business planning and performance monitoring procedures. All Departmental Business Plans are required to include initiatives to promote and embed measures applying the One Planet Living principles, with the aim of, ultimately, achieving the goal of Middlesbrough becoming a One Planet Living town.

Middlesbrough's Sustainable Community Strategy includes an initial assessment of how the one planet living principles relate to the Strategy's themes, helping to demonstrate that delivering one planet living objectives is not a separate agenda from the Council's mainstream work, but an essential component of achieving sustainable improvements for Middlesbrough's residents, businesses, workforce, and visitors.

Performance management is structured around the Sustainable Community Strategy and agreed indicators and targets that provide the framework for monitoring progress. By integrating one planet living objectives, they become part of the Council's mainstream operational procedures. The Council's procedures for monitoring progress against agreed targets will be a valuable mechanism for measuring achievements towards one planet living goals.

Middlesbrough Partnership

The Middlesbrough Partnership Executive Board has given support to the adoption of the One Planet Living framework. Through discussion in Action Group meetings and in Partnership Forums, members are learning about the One Planet Living programme and identifying how its application can help them meet their own objectives. While it is not practicable for many organisations to fully integrate the One Planet Living framework in one go, it is very valuable for them to work on the aspects that provide greatest benefit to them. For example, improving their understanding of the risks they are likely to face as the impacts of climate change become increasingly significant. Engaging with Middlesbrough's Climate Change Adaptation Action Plan, which is an integral part of this One Planet Living action plan, will help them gain business benefits while also contributing to tackling what is considered to be the greatest environment threat humanity is facing.

Periodic reviews, and annual updates

The One Planet Living programme will develop continuously. Documents will be reviewed and updated to communicate new priorities, targets, and actions, and to record progress. This action plan will be reviewed and updated to reflect the outcomes of ongoing consultation with Middlesbrough residents and community groups, as well as public and private sector businesses and organisations.

The Council will update its programme of short, medium, and long term actions each year, and partner organisations delivering one planet living actions will be encouraged to do the same.

The One Planet Living website will provide the opportunity for local people to propose actions to be added to the programme. These could be measures they are undertaking themselves, or ones for Middlesbrough Council, Middlesbrough Partnership, or other partners to consider. All such suggestions will be included in the periodic reviews.

Environmental Management Systems

Middlesbrough Council has established Environmental Management Systems (EMS) throughout the authority to provide a practical framework for identifying environmental impacts and developing mechanisms for reducing negative impacts. The Council's Environmental Sustainability team is currently adapting the EMS framework to cover all of the one planet living principles. As well as expanding the scope of existing environmental management systems, the enhanced framework will contribute to extending the range of service areas which apply both environmental management and one planet living principles.

Information, guidance, and support on using the enhanced environmental management and one planet living framework will feature in training and communications within the Council, and advice based on the Council's experience will be available to partner organisations.

Sustainability appraisal of projects and changes to policy

Middlesbrough Council is working with BioRegional to develop a sustainability appraisal tool based on the ten one planet principles, which will be available to assess projects, policy initiatives, and working practices within the Council and in partner organisations. The new sustainability appraisal tool will be published in due course.

Training and awareness raising

Middlesbrough Council's corporate learning and development programme includes sessions on one planet living, and workshops are held with management teams and individual service areas. All sessions are designed to explain the concept and key features of One Planet Living, and to engage participants in exercises that help them understand the relevance and value of one planet living in their particular area of work.

The Council and lead officers for the 10 one planet living principles are working with Service representatives and groups, assisting initially with the use of the ten one planet living principles for employees to review how their current activities relate to one planet living, to identify what they themselves can do both now and in the future, and to highlight measures that need to be taken.

The Middlesbrough Partnership's Executive Board and selected individual Action Groups have received presentations on One Planet Living and discussed its implications. The 2010 'One Planet – One Middlesbrough' Forum successfully engaged a wide range of participants in discussion on the practical value of adopting a one planet living approach, and the Partnership's Executive and Action Groups will continue to have a significant role in extending awareness and understanding of the One Planet Living programme.

The Sustainable Schools and Eco Schools programmes are important mechanisms for engaging young people in sustainability actions. Middlesbrough Environment City is assisting Middlesbrough schools with the Eco-Schools scheme through delivery of a programme of assistance to help them address the nine Eco-Schools topics: Water, Biodiversity, Energy, Global Perspectives, Healthy Living, Litter, School Grounds, Transport, and Waste.

Priority measures are to:

- Oversee assistance to Middlesbrough's Eco-Schools through Middlesbrough Environment City's Environmental Education Specialist Working Group
- Liaise with schools to identify their particular needs and arrange appropriate assistance
- Review progress every six months
- Integrate contributions to Middlesbrough's Fairtrade programme into activities with each Eco-School
- Ensure an improvement each year in the number and level of Eco-School awards.

Neighbourhood One Planet Living Sustainable Community

A study is underway to assess the potential to develop a pilot community model of One Planet Living. The study includes: identification of support requirements and costs to implement and monitor progress, engagement with stakeholders, wider community involvement, and the potential to broaden the project elsewhere. It is proposed that the pilot will work with a small number of local residents to raise awareness and to identify the benefits of applying one planet principles. Measures will then be put in place that will be of greatest advantage to the residents while making the optimum contribution towards achieving one planet goals.

It is hoped that community based initiatives such as this will get everyone in the town making sustainable improvements to their own lifestyles and to Middlesbrough as a whole.

Communications

A working group is overseeing communications actions for the One Planet Living programme, and is:

- Building on communications workshops led by BioRegional
- Identifying key messages, audiences, and communication techniques
- Developing common goals for Middlesbrough
- Ensuring Middlesbrough's One Planet Living programme provides a framework to which varied existing and new initiatives can be fitted, to facilitate communication.

Why One Planet Living Is Especially Important Now

As the country goes through a time of economic austerity, at a first glance some people might think that One Planet Living is a luxury that we can't afford and that all the council's time should be spent in delivering traditional services in the traditional way. In fact, Middlesbrough Council is using the One Planet Living approach to improve the efficiency and effectiveness of its service delivery. By reducing energy consumption, minimising waste, using transport sustainably, and so on, the Council will make the most of its limited financial resources to improve conditions for local residents.

For the wider Middlesbrough community, One Planet Living has a lot to say about looking after household budgets and sustaining community in the hard times. We can all cut our energy consumption - and save on those energy bills. A lot of things - taking a walk, sharing time with friends, going on a community litter-pick, visiting the library, park or museum - cost little and sustain well-being and a sense of community. So, One Planet Living is good for our wallets, our households and our communities.

Everyone agrees that there is only one planet Earth to live on, so the sooner we move away from a three planet lifestyle to One Planet Living the sooner we safeguard the planet for future generations.

Further Information

For more information about Middlesbrough's One Planet Living programme, go to the Council's website: www.middlesbrough.co.uk/oneplanetliving. There's a locally produced video introducing the One Planet principles, information on what's going on in Middlesbrough, and links to other sites about a wide range of relevant topics.

Through the One Planet Living webpages you can access our One Planet Living Facebook account, and post comments and suggestions if you wish. Also, look out for OPL tweets on the Council's Twitter pages.

If you have any questions about Middlesbrough's One Planet Living programme, please contact us:

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