



Creating the UK's Environment Capital: Action Plan



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Theme / 2050 Vision	Local and national context	Our targets to 2016
<p>Zero Carbon Energy</p> <p>No net carbon emissions from energy consumption, achieved through high energy efficiency and renewable energy.</p>	<ul style="list-style-type: none"> 12,000 pupils have taken part in 'Powerdown' to raise awareness of energy issues. Per capita The council has reduced CO₂ emissions by 15% since 2008. CO₂ emissions have reduced from 8.1 tonnes (2005) to 6.3 tonnes (2011). <p>But...</p> <ul style="list-style-type: none"> 16% of households' energy bills are spent on devices left on standby. Each year energy costs Peterborough £144m: the council spends £6.7m plus a tax of £288k. 	<ul style="list-style-type: none"> Reduce city council CO₂ emissions by 35%. Increase the number of businesses registered with Investors in the Environment from 78 to 124. Reduce per capita CO₂ emissions to 5.8 tonnes. All approved developments greater than 10 homes or 1000sqm floor area shall achieve an emissions ratio at least 10% better than building regulation standards.
<p>Sustainable Water</p> <p>We will have high quality water environments, the annual risk of flooding will be less than 1 in 100 in the urban area and we will each use 80 litres of water or less daily</p>	<ul style="list-style-type: none"> 75% of Peterborough residents have water meters. The councils Flood and Water planning guidance is promoted by the Environment Agency as best practice. <p>But...</p> <ul style="list-style-type: none"> Anglia is one of the UK's driest regions with the same average rainfall yearly as Jerusalem. Only 1% of the water on Earth is usable fresh water. ¾'s of Brits overfill their kettles, wasting a total of £68m each year. 	<ul style="list-style-type: none"> Baseline the council's water consumption and set a target for reduction. Promote the 'drop 20' litres of water campaign across the city. Produce integrated environmental and recreational improvement plans for Peterborough's principal rivers. Anglian Water have decreased pipe blockages across Peterborough by 70% since 2010. This significant reduction will be maintained.
<p>Land Use and Wildlife</p> <p>A network of naturally diverse, wildlife-rich, accessible places which are valued and enjoyed locally.</p>	<ul style="list-style-type: none"> Peterborough has one of the highest ratios of green space per person in the UK. Peterborough has 5 Green Flag Awards. The number of nesting pairs of Barn Owl has increased from 5 to 65 between 1990-2012. The Hampton Nature reserve has the largest population of Great Crested Newts in Europe. <p>But...</p> <ul style="list-style-type: none"> Since 1800, England has lost about 500 different species. 	<ul style="list-style-type: none"> Increase the number of sites in positive management from 79% to 81%. Increase the number of trees planted as part of the Forest for Peterborough from 8,000 to 55,000. Secure funding to increase the number of Green Flags to 6. Nene Park Trust will continually raise the quality of its facilities and improve the participation and engagement of visitors.
<p>Sustainable Materials</p> <p>All building materials purchased in the city will be from sustainable sources and wherever possible sourced locally</p>	<ul style="list-style-type: none"> The Waste Electrical and Electronic Equipment (WEEE) Re-Use facility, launched in 2004, refurbishes and recycles unwanted electrical goods which are then resold through charities to those on low incomes. The UK has 1,595,374ha of Global Forest Stewardship Council certified forest area. The UK public sector accounts for 10-40% of all sales of timber, wood and paper products. <p>But...</p> <ul style="list-style-type: none"> The UK construction industry uses more than 400 million tonnes of material every year. 	<ul style="list-style-type: none"> The council will achieve level 5 in the government procurement framework. Develop guidance to support the use of sustainable materials. Seek funding to develop a city wide sustainable local procurement framework. In Cambridgeshire and Peterborough 25% of total aggregates sales will be comprised of secondary and recycled aggregates.
<p>Local and Sustainable Food</p> <p>80% of food consumed will be produced and processed within 100 miles of the city.</p>	<ul style="list-style-type: none"> In 2007 the council committed to support the city's aspiration to achieve Fairtrade city status Via Amey 75% of fresh produce and 40% of meat is from East Anglia. There are 1,450 allotments in the city and 93% are occupied. The area's agri-food industry generates around £2 billion of food-related trade. <p>But...</p> <ul style="list-style-type: none"> Britain's supermarkets generate 300,000 tonnes of food waste every year. 	<ul style="list-style-type: none"> Seek funding to carry out a feasibility study into local, sustainable food production. Achieve Fairtrade city status. Develop planning guidance to support local food.

<p>Zero Waste</p> <p>Annual household waste will decrease to 250kg per person and 100% will be recycled, reused, composted or recovered.</p>	<ul style="list-style-type: none"> Peterborough residents recycled 43% of their household waste in 2011/12. Every year there is a national 'Zero Waste Week' helping to reduce landfill and save money. The Waste Electrical and Electronic Equipment (WEEE) Re-Use facility reprocesses and reconditions electrical goods for recycling and resale into the community, aiming to divert both large and small electrical items from landfill. <p>But...</p> <ul style="list-style-type: none"> We generate about 177 million tonnes of waste every year in England alone. 	<ul style="list-style-type: none"> Increase materials recycled or recovered at the household recycling centre from 80 to 90%. Build a new Household recycling centre. Seek funding to develop an action plan to reduce landfill of non-municipal waste (<i>i.e.</i> non-domestic).
<p>Sustainable Transport</p> <p>A pedestrian, public transport and cycle first city and 90% of all journeys will be zero emission.</p>	<ul style="list-style-type: none"> Travelchoice, a £3.24m government project, achieved a 9% reduction in car journeys. The council is currently administering a £5m fund to encourage sustainable travel. Commuting on a bike at around 10 - 11 mph will burn about 400 calories per hour. <p>But...</p> <ul style="list-style-type: none"> Our 2020 growth plans means that 9% more journeys need to be sustainable. Two-thirds of all journeys in the UK are under 5 miles. 	<ul style="list-style-type: none"> Increase the number of businesses with travel plans from 30 in 12/13 to 60. Increase the number of pupils receiving Bikeability training from 951 to 1300 annually. To further develop a robust monitoring network to enable in depth transport modal data to be collected.
<p>Culture and Heritage</p> <p>We will be recognised as a high quality culture and heritage destination with active residents.</p>	<ul style="list-style-type: none"> Peterborough has 1,056 listed buildings, 65 scheduled monuments and 29 conservation areas. Each year, Peterborough Museum hosts between 50,000-80,000 visitors. Britain is ranked 7th out of 50 nations for cultural heritage. 39% of English adults during 2010/11 said they volunteered at least once in the last 12 months Peterborough has Ferry Meadows: The most visited country park in the UK 	<ul style="list-style-type: none"> Increase the number of active library members by 3% annually from a baseline of 22,971. Increase the people attending theatre performances by 10% over three years from a baseline of 50,000. Increase the number of people attending arts events from 40,000 to 60,000 by 2016. 24 culture and heritage sessions via Greeniversity per quarter
<p>Equity and Local Economy</p> <p>A 'high skilled / low poverty' economy aided by the highest concentration of environmental businesses in the UK</p>	<ul style="list-style-type: none"> The cleantech cluster is home to 5,900 jobs and has contributed £560m into the local economy. In 2011, 12.6% of Peterborough homes (9,315) were in fuel poverty, a decrease from 15.6% in 2010. The 'ready to switch' campaign offers household savings between £60 and £200. The city council has entered into a strategic partnership with British Gas to invest between £5m and £20m into tackling fuel poverty in the city. <p>But...</p> <ul style="list-style-type: none"> 13 million people live below the poverty line in the UK. 	<ul style="list-style-type: none"> Increase the number of jobs in the cleantech cluster by 10%. Reduce city wide unemployment by 1% annually. Undertake a housing stock survey to ascertain homes in fuel poverty and subsequently target resources with the aim of achieving the Government's target to eradicate fuel poverty by 2016.
<p>Health and Wellbeing</p> <p>We will live longer, healthier, more fulfilling lives, with health equality for all residents.</p>	<ul style="list-style-type: none"> Cyclists take 50% fewer sick days. Life expectancy varies across the city by up to ten years. Young people's participation in sport improves their numeracy scores by 8%. <p>But...</p> <ul style="list-style-type: none"> Approximately 37% deaths from Coronary Heart Disease are due to inactivity. 	<ul style="list-style-type: none"> Increase the number of attendances in sport and physical activities provided by Vivacity from 1.056 million to 1.3 million per annum.