



# Creating the UK's Environment Capital: Action Plan



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

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

