

Theme / 2050 Vision	Local and national context	Our targets to 2016
<p><b>Zero Carbon</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>The council has reduced CO<sub>2</sub> emissions by 15% since 2008.</li> <li>12,000 pupils have taken part in 'Powerdown' to raise awareness of energy issues.</li> <li>Per capita CO<sub>2</sub> emissions have reduced from 8.1 (2005) to 7.2 (2010).</li> </ul> <p><b>But...</b></p> <ul style="list-style-type: none"> <li>Each year energy costs Peterborough £144m, the council spends £6.7m plus a tax of £288k</li> <li>Each Peterborough resident emits 640,000 average balloons worth of CO<sub>2</sub> each year.</li> <li>16% of households' energy bills are spent on devices left on standby.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce City Council CO<sub>2</sub> emissions by 35%</li> <li>Increase businesses registered with Investors in the Environment from 78 to 124</li> <li>Reduce per capita CO<sub>2</sub> from 7.0 to 5.9t</li> <li>All approved developments &gt;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 each use 80 litres or less water daily and the city will be resilient to water scarcity with an annual risk of flooding less than 1 in 100.</p>	<ul style="list-style-type: none"> <li>80% 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 overflow their kettles, wasting a total of £68m each year.</li> </ul>	<ul style="list-style-type: none"> <li>Baseline the councils water consumption and set a target for reduction</li> <li>Reduce the number of pipe blockages by 50%</li> <li>Produce planning guidance to develop a sustainable river corridor</li> </ul>
<p><b>Land Use and Wildlife</b></p> <p>A network of 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 4 Green Flag Awards.</li> <li>Peterborough is in the top 5 with 79% of sites in positive management.</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 from 4 to 5</li> </ul>
<p><b>Sustainable Materials</b></p> <p>All goods purchased from sustainable sources and wherever possible sourced locally.</p>	<ul style="list-style-type: none"> <li>The WEEE reuse 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 1,585,854ha of Global FSC 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 planning guidance to support the use of sustainable materials</li> <li>Seek funding to develop a city wide sustainable local procurement framework</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>The council only offers Fairtrade tea and coffee.</li> <li>Via Enterprise Peterborough 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>Household waste will decrease to 250kg and 100% will be recycled, reused or recovered.</p>	<ul style="list-style-type: none"> <li>• Peterborough residents recycled 43% 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> </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 1,000 listed buildings, 60 ancient monuments &amp; 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> </ul>	<ul style="list-style-type: none"> <li>• Increase the number of active library members by 3% annually from a baseline of 23,967</li> <li>• Increase the number of people attending theatre performances by 10% each year 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> </ul>
<p><b>Equity and Local Economy</b></p> <p>A high skilled, low poverty, circular 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 &amp; 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% (11,256) 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 £5 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 Happiness</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>