

Creating the UK's Environment Capital: Action Plan

No net carbon emissions from energy consumption, achieved through high energy efficiency and renewable energy.

- The council has reduced CO₂ emissions by 15% since 2008.
- 12,000 pupils have taken part in 'Powerdown' to raise awareness of energy issues.
- Per capita CO₂ emissions have reduced from 8.1 (2005) to 7.2 (2010).

But...

- Each year energy costs Peterborough £144m, the council spends £6.7m plus a tax of £288k
- Each Peterborough resident emits 640,000 average balloons worth of CO₂ each year.
- 16% of households' energy bills are spent on devices left on standby.
- 80% of Peterborough residents have water meters
- The council's Flood and Water planning guidance is promoted by the Environment Agency as best practice

But...

- 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.
- ¼'s of Brits overflow their kettles, wasting a total of £68m each year.

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.

- Peterborough has one of the highest ratios of green space per person in the UK.
- Peterborough is in the top 5 with 79% of sites in positive management.
- The number of nesting pairs of Barn Owl has increased from 5 to 65 between 1990-2012.
- Peterborough has Ferry Meadows: the most visited country park in the

But...

- Since 1800, England has lost about 500 different species.

A network of wildlife-rich, accessible places which are valued and enjoyed locally.

- The WEEE reuse facility launched in 2004 refurbishes and recycles unwanted electrical goods which are then resold through charities to those on low incomes.
- The UK has 1,585,854ha of Global FSC certified forest area.
- The UK public sector accounts for 10-40% of all sales of timber, wood and paper products.

But...

- The UK construction industry uses more than 400 million tonnes of material every year.

All goods purchased from sustainable sources and wherever possible sourced locally.

- The council only offers Fairtrade tea and coffee.
- Via Enterprise Peterborough 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.

But...

- Britain's supermarkets generate 300,000 tonnes of food waste every year.

80% of food consumed will be produced and processed within 100 miles of the city.

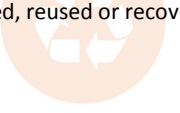
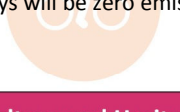
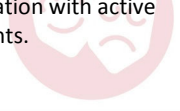


- Reduce City Council CO₂ emissions by 35%
- Increase businesses registered with Investors in the Environment from 78 to 124
- Reduce per capita CO₂ from 7.0 to 5.9t
- All approved developments >10 homes or 1000sqm floor area shall achieve an emissions ratio at least 10% better than building regulation standards

- Baseline the council's water consumption and set a target for reduction
- Produce planning guidance to develop a sustainable river corridor
- Promote the 'drop 20' litres of water campaign across the city
- Anglian Water have decreased pipe blockages across Peterborough by 70% since 2010. This significant reduction will be maintained.

- 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 from 4 to 5

- The council will achieve level 5 in the government procurement framework
- Develop planning guidance to support the use of sustainable materials
- Seek funding to develop a city wide sustainable local procurement framework

- 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>Household waste will decrease to 250kg and 100% will be recycled, reused or recovered.</p> 	<ul style="list-style-type: none"> Peterborough residents recycled 43% 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
<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 1,000 listed buildings, 60 ancient monuments & 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 	<ul style="list-style-type: none"> Increase the number of active library members by 3% annually from a baseline of 23,967 Increase the number of people attending theatre performances by 10% each year from a baseline of 50,000 Increase the number of people attending arts events from 40,000 to 60,000 by 2016
<p>Equity and Local Economy</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"> The cleantech cluster is home to 5,900 jobs & 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 £5 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 Happiness</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. 	