



(Draft) Environment Action Plan: City-wide



This plan highlights the targets of different stakeholders working together in Peterborough

Theme / 2050 Vision	Achievements to date	Our targets to 2020
<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"> Peterborough's per capita CO2 emissions have reduced from 8.1 (2005) to 5.7 tonnes (2014). We have the 4th highest number of domestic solar PV installations in Great Britain. More than 500 homes have taken advantage of a free solar PV scheme saving an average of £200. Charity PECT's Eco Framework for schools helps embed knowledge of sustainability issues into classes. 97% of schools in Peterborough currently deliver eco education activities. The Vista housing development in Peterborough city centre was highly commended in the 'Best Low or Zero Carbon Initiative' category at the Housebuilder Awards in 2015. Queensgate has reduced its energy consumption by 45% over the last 5 years. 	<ul style="list-style-type: none"> Reduce per capita CO2 emissions to 4.5 tonnes. Peterborough Environment City Trust (PECT) will provide energy advice support to 2,000 households. 100% of schools in the area will be offered specialist support to embed sustainability via PECT. Seek to take advantage of grant funding to increase energy efficiency and the uptake of renewable energy. Queensgate will reduce its energy use by a further 5%.
<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"> The council's Flood and Water planning guidance is promoted by the Environment Agency as best practice. The Werrington Brook Improvements programme has delivered two stretches of physical river improvements and has seen around 200 hours of volunteer activity. The Water Innovation Network has over 50 members who are aiming to drive innovation in the water industry, led by Allia, Anglian Water and Opportunity Peterborough. Anglian Water's water saving home visits have helped households reduce their water use by up to 50 litres per day. 	<ul style="list-style-type: none"> New homes to be of the highest water efficiency standard. Nenescape will deliver a programme of activity to protect and promote the nature and heritage of the Nene Valley. Deliver physical and behaviour change activities within the Werrington Brook catchment to improve water quality. Anglian Water aim to reduce household water consumption to 125 litres per person per day and increase the number of Peterborough households on metered water supply to 86%.
<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"> Forest for Peterborough has planted a total of 93,609 trees in Peterborough, half way to the project target of 180,000. The Boardwalks Local Nature Reserve has reopened following replacement of flood-damaged bridges and walkways and is now managed by charity Froglife. Peterborough's Buzing is an exciting new Heritage Lottery Fund funded project led by Buglife in partnership with the council to transform a number of urban green spaces into wildflower meadows supporting a range of plants and insects. 	<ul style="list-style-type: none"> Increase the number of local sites in positive management to 82% and maintain going forwards. Plant 24,000 trees in specific parts of the city to increase canopy cover as part of the Forest for Peterborough project. Seek funding to develop a natural capital budget for the city. Subject to funding designate two new local nature reserves. Champion net biodiversity gain in new developments.
<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"> Peterborough launched its ambition in November 2015 to become the UK's first circular city. Peterborough DNA's Smart Supper event in 2015 challenged young people to come up with innovative solutions to circular city challenges. Peterborough Reuse, an organisation that received kick-starter funding from Peterborough DNA, takes used coffee hessian and jute sacks from Mastroast, a local roasting and packing firm, and turns them into shopping bags. 	<ul style="list-style-type: none"> Support Peterborough's ambition to become a circular city through active collaboration, partnership and shared insight. In Cambridgeshire and Peterborough 31% of total aggregates sales will be comprised of secondary and recycled aggregates. 80% of Skanska's procurement will be from the Greater Cambridgeshire Greater Peterborough LEP area.
<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"> FoodCycle, a national charity that combines volunteers, surplus food and spare kitchen spaces to create tasty, nutritious meals for people at risk of food poverty and social isolation, has launched in Peterborough with support from Cross Keys Homes. The Green Backyard is working in partnership with Parsnips and Pears to offer fresh, locally grown veg boxes delivered direct to the door for homes in and around Peterborough. Metal Peterborough's Harvest Festival in 2015 brought 500 residents together for dinner. There are 1,450 allotments in the city covering an area of 367,630m³. 	<ul style="list-style-type: none"> Achieve and maintain Fairtrade city status. Seek funding to introduce a scheme to identify and promote restaurants and food outlets that offer local and sustainable food. Actively promote the conservation and wise use of productive land.

<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"> The <u>Waste Electrical and Electronic Equipment (WEEE) Re-Use facility</u> reprocesses and reconditions electrical goods for recycling and resale into the community, aiming to divert both large and small electrical items from landfill. The city's <u>Energy Recovery Facility</u> formally opened in March 2016 and can process up to 85,000 tonnes of waste per year providing electricity to power over 16,000 homes. The '<u>Love Peterborough: Love your Community</u>' recycling rewards scheme has seen recycling increase by up to 10% in some areas of the city. The weekly food waste service has been improved by providing free bin liners to residents. 	<ul style="list-style-type: none"> Build a new <u>Household Recycling Centre</u>. Seek funding to develop an action plan to reduce landfill of non-municipal waste (i.e. non-domestic). Seek to achieve zero waste to landfill. Queensgate will increase its recycling/reuse rate to 95%.
<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"> Peterborough Travelchoice work with schools, businesses and residents to encourage more people to reduce their reliance on cars and instead walk, cycle, use the bus and car share. Personalised Travel Planning in businesses resulted in a 3.2% increase in car sharing, 10% increase in cycling, 21.1% increase in walking and a 42.2% increase in public transport use. Over 1300 pupils in the city received <u>Bikeability</u> training in 2015. Skanska is now using a GPS system in all of its fleet to encourage efficient fuel consumption and better green driving techniques. The council is delivering a £500k grant from the <u>DfT</u> to promote sustainable transport. 	<ul style="list-style-type: none"> Increase the number active business travel plans to 97 and school travel plans to 43. Increase the number of people who walk and who cycle at least three times per week by 1% annually. Increase the percentage of people satisfied with cycle routes and facilities in the city from 58% to 62%. Seek to improve sustainable transport connections across the Greater Peterborough area.
<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"> The Arts Festival and the Heritage Festival each attract over 30,000 visitors annually. Flag Fen now hosts eight prehistoric Bronze Age log boats, found near the site at <u>Must Farm</u>. The Cathedral has received a grant from the Heritage Lottery Fund for £2.4 million to enable them to celebrate their 900th anniversary. <u>The Green Backyard</u> have, over the last 6 years, delivered hundreds of sessions on arts, crafts, gardening and confidence building to over 1,000 people. Voluntary group <u>Nene Coppicing & Crafts</u> formed together with the aim of connecting people with the natural and cultural heritage of woods and to help revive ancient skills. 	<ul style="list-style-type: none"> The council will seek to celebrate heritage in all public realm and highway design schemes across the city. Environmental charity PECT will give support to 10 community groups and engage 30,000 people a year on environmental issues. Through the Culture Strategy raise the profile of culture, increase participation and visitor numbers.
<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"> Peterborough was awarded <u>Smart City of the Year</u> in 2015, beating competition from cities such as Moscow, Dubai and Buenos Aires. <u>Peterborough DNA's Smart Supper</u> programme asks young people to develop innovative approaches to solve city challenges. Over 8,000 net new jobs have been created in the last 6 years and net business creation is 43% above the UK average. Peterborough is also one of the UK's most innovative cities. 83% of Queensgate's stores took part in its <u>Growing Greener</u> initiative. 	<ul style="list-style-type: none"> Seek opportunities to commercialise <u>Share Peterborough</u> in order to sustain and grow the <u>B2B</u> platform. PECT will engage with 1,000 organisations to make eco improvements and encourage 200 volunteers to get involved with their work. Development proposals of 15 or more dwellings should provide a minimum of 30% affordable housing. Peterborough will have an awarding university.
<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"> More than 8,000 people have run over 300,000km as part of <u>Peterborough's Park Run</u>. Total attendances in Vivacity's sport and physical activities stands at over 1.5m per annum. Sailability, a volunteer-led initiative, offers disabled people the opportunity to go sailing. With just 6 participants in 2006, now more than 150 people with physical or learning difficulties regularly enjoy this social outdoors activity at Ferry Meadows. Inspire Peterborough promotes sport/leisure activities for disabled people and their carers. Multi-agency Partnership Boards are delivering the Health & Wellbeing Strategy (2016/19). 	<ul style="list-style-type: none"> Increase the proportion of physically active adults in Peterborough to match the performance for the rest of England. Nene Park Trust will increase the percentage of visitors expressing benefits to their health and wellbeing through visiting the park from a baseline of 90% in 2016. Reduce the proportion of children and adults with an unhealthy weight.