



Bath & North East Somerset
Core Strategy

Sustainability Appraisal Report
Annex I Contextual Indicators Monitoring Programme

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Bath & North East Somerset Council

Prepared by:



**ENVIRON
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Table H.1: Proposed Monitoring Programme – Contextual Indicators				
SA Objectives	Proposed Contextual indicators	Published targets	Source of data	Frequency of reporting
Objective 1: Improve accessibility to community facilities and local services	Health of the centres as indicated by retail floor space losses, vacancy rates and land use mix changes in each of the centres listed in the hierarchy	Health of each centre as measured by the indicators specified is maintained or enhanced	B&NES	City/town centres – annually and district/local centres – periodically
	Indices of multiple deprivation (barriers to housing and services domain – LSOA)	N/A	Indices of multiple deprivation	Every 3 years. Last data set was 2010.
Objective 2: Improve the health and well-being of all communities	Life expectancy (males and females)	N/A	Department of health and Association of Public Health Observatories (APHO) www.healthprofiles.info	Periodic
	All age, all causes mortality	N/A	Department of health and APHO www.healthprofiles.info	Annual
	Early death rates from heart disease and stroke	N/A	Department of health and APHO www.healthprofiles.info	Annual
	Early death rates from cancer	N/A	Department of health and APHO www.healthprofiles.info	Annual
	Index of multiple deprivation health domain score (Lower Super Output Area)	N/A	Indices of Multiple Deprivation	Every 3 years. Last data set was 2010.
	% of the adult population (age 16 years and over) who participate in	N/A	Active People Survey	Annual

	sport and active recreation, at moderate intensity, for at least 30 minutes on at least 12 days out of the last 4 weeks.			
	Percentage of households within agreed access standards of a playing field / sports pitch.	N/A	B&NES Sport and Recreation Built Facilities Strategy and Action Plan	Held on GIS
Objective 3: Meet identified needs for sufficient, high quality and affordable housing	Progress against Core Strategy Housing Delivery Target 2006-2029	6,832 market homes and 3,290 affordable homes by 2029.	B&NES	Annual
	Net additional pitches gypsy and traveller pitches provided annually and since 2006	To be identified in Gypsies and Travellers DPD	B&NES	Annual
	Net additional dwelling completions (market housing and affordable housing)	6,832 market homes and 3,290 affordable homes by 2029.	B&NES	Annual
	Number of new affordable homes completed annually since 2006 Percentage of affordable homes completed on sites meeting the large site and small site thresholds Number of rural exceptions site delivered	3,110 affordable homes completed by 2029. Large sites: 40% in Area 1 and 30% in Area 2 Small sites: 20% in Area 1 and 15% in Area 2	B&NES	Annual
	Average House Prices	N/A	Land registry	Monthly
	Indices of multiple deprivation (barriers to housing and services)	N/A	Indices of multiple deprivation	Every 3 years. Last data set was 2010.

	domain – LSOA)			
Objective 4: Promote stronger more vibrant and cohesive communities	Indices of multiple deprivation (all domains – LSOA)	N/A	Indices of multiple deprivation	Every 3 years. Last data set was 2010.
	Proportion of the population who live in wards that rank within the most deprived 10% and 25% of wards in the country. (Nat 2)	N/A	Indices of multiple deprivation	Every 3 years. Last data set was 2010.
Objective 5: Reduce anti-social behaviour, crime and the fear of crime	Total crime per 1,000 population	N/A	AMR	Annual
	Indices of multiple deprivation crime domain score (LSOA)	N/A	Indices of multiple deprivation	Every 3 years. Last data set was 2010.
	Domestic burglaries per 1000 households	N/A	Home Office	Annual
	Violent offences committed per 1000 population	N/A	Home Office	Annual
	Vehicle crimes per 1000 population	N/A	Home Office	Annual
Objective 6: Improve the availability and provision of training	Educational attainment	N/A	www.statistics.gov.uk	Annual
	Skills shortages	N/A	To be confirmed following closure of the Learning and Skills Council	Unknown
	Percentage of working age population (16 to 64/59) with a trade apprenticeship	N/A	To be confirmed following closure of the Learning and Skills Council	Unknown
	Percentage of working age population (16 to	N/A	To be confirmed following closure of the Learning and	Unknown

	64/59) with no formal qualifications		Skills Council	
Objective 7: Ensure communities have access to a wide range of employment opportunities, paid or unpaid	NI 152 – Working age people on out-of-work benefits	NI 152: reduce the numbers of working age people on out-of-work benefits by 1.5% across the district by 2010/11.	Nomis www.nomisweb.co.uk	Monthly
	Unemployment (Nat 1)	EU European Employment Strategy: <ul style="list-style-type: none"> Regain the conditions for full employment and to strengthen cohesion by 2010; Raise the overall EU employment rate to 70%; and Increase the number of women in employment to more than 60% by 2010. 	Nomis www.nomisweb.co.uk	Annual
	Economic Activity/Inactivity Rate	N/A	Nomis www.nomisweb.co.uk	Annual
	Children 0-15 in families on income support as a percentage of population 0-15	N/A	Department of Work and Pensions http://research.dwp.gov.uk/asd/asdl/ben_hholds/child_ben_hholds.asp	Last data available for 2006.
	Average (mean) earnings	N/A	Nomis www.nomisweb.co.uk	Annual
	Employment by Occupational Group	N/A	Nomis www.nomisweb.co.uk	Annual
	Employee jobs by industry	N/A	Nomis www.nomisweb.co.uk	Annual

			uk	
	Travel to work by mode	N/A	Census	Census - every 10 years. Last data set 2011.
	% of the resident population travelling more than 10km to work	N/A	Census	Census - every 10 years. Last data set 2011.
Objective 8: Enable local businesses to prosper	Business Demography	N/A	Office for National Statistics	Annual
	<p>Amount of floorspace developed type (office/industrial) in sqm, by place annually and total since 2011. Gains, losses and net.</p> <p>Amount of floor space on previously developed land by type (office/industrial) in sqm, by place annually and total since 2011. Gains, losses and net.</p> <p>Employment land available by type</p> <p>Change in work place jobs by sub-area</p> <p>Number of planning consents for business premises in rural area</p> <p>Economic growth forecasts from the Office of Budget Responsibility (OBR) as well as from bodies such as Oxford Economics, Cambridge Econometrics, NIESR</p>	<p>Deliver space to provide 10,300 net additional jobs between 2011 and 2029 as set out in the places below</p> <p>Bath:</p> <p>Office floor space – net gain of about 40,000m²</p> <p>Industrial floor space – net loss of about 40,000m²</p> <p>Net increase in of 7,000 jobs</p> <p>Keynsham:</p> <p>Office floor space – net gain of about 7,200 m²</p> <p>Industrial floor space – net gain of about 8,300m²</p> <p>Net increase of about 1,600 jobs</p> <p>Somer Valley:</p> <p>Office floor space – net gain of about 2,700m²</p> <p>Industrial floor space – net loss of about 14,400m²</p> <p>Net increase of about 900 jobs</p>	B&NES	Periodically

	<p>Proportion of new retail floor space provided within the centres listed in the hierarchy annually in total since 2006</p> <p>Health of the centres as indicated by retail floor space losses, vacancy rates and land use mix changes in each of the centres listed in the hierarchy (city/town centres – annually and district/local centres – periodically)</p> <p>Market share of comparison goods spending in Bath city centre and the town centres.</p>	<p>Health of each centre as measured by the indicators specified is maintained or enhanced</p> <p>The market share of comparison goods spending as measured by household surveys undertaken about every 5 years is maintained or enhanced.</p>	B&NES	Periodic and variable (see left hand columns)
	Percentage of villages meeting the criteria of policy RA1 which contain a shop.	N/A	B&NES – Rural facilities audit	Periodic
	Access to a post office (Nat 2)	N/A	B&NES – Rural facilities audit	Periodic
	Access to food shops (Nat 3)	N/A	B&NES – Rural facilities audit	Periodic
Objective 9: Increase availability of local produce and materials	Number and frequency of farmers' markets	N/A	B&NES	Periodic
Objective 10: Ensure everyone has access to high quality and affordable public transport and promote cycling and walking	Census information for modes of transport to work, school, other activities	Targets not confirmed in LTP3	Census / West of England Partnership Joint Local Transport Plan	Every 10 years. Last data set 2011.
Objective 11: Reduce the	Congestion - average AM peak	Target not confirmed in LTP3	West of England Partnership Joint	Annual

need and desire to travel by car	journey time per mile		Local Transport Plan	
Objective 12: Protect and enhance local distinctiveness	Change to the recognised landscape character areas within the district.		National Countryside Quality Counts www.countryside-quality-counts.org.uk	Periodic
	Building for Life Assessments	N/A	B&NES	Annual
Objective 13: Protect and enhance the district's historic, environmental and cultural assets	Total number of Listed Buildings	N/A	B&NES	Held on GIS. Annual
	Total number of scheduled monuments	N/A	B&NES	Held on GIS
	Number and area of historic parks and gardens	N/A	B&NES	Held on GIS
	Number and area of conservation areas	N/A	B&NES	Held on GIS
	Number of Listed Buildings, Monuments, Parks and Gardens and Battlefields on the Heritage at Risk Register Number of principal listed buildings 'at risk' on the Council's Buildings at Risk Register	Reduce the number of principal listed buildings recorded as 'at risk' on the Council's Buildings at Risk register	English Heritage website http://risk.english-heritage.org.uk/2010.aspx	Annual
Objective 14: Encourage and protect habitats and biodiversity (taking	Change in priority habitats (in hectares) Number of natural conservation sites that are enhanced	Maintain or increase the area of priority habitats by 2029.	B&NES	Annually

account of climate change)	annually			
	% of SSSI in "favourable condition"	N/A	Natural England	Annual
	Achievement of Biodiversity Action Plan targets (Nat 6)	N/A	Biodiversity Action Reporting System website http://www.ukbap-reporting.org.uk/	Periodically but not every year.
Objective 15: Reduce land, water, air, light, noise pollution	Annual Mean concentrations of all regulated air pollutants (i.e. benzene, 1.3 butadiene, carbon monoxide, lead, nitrogen dioxide, particles (pm ₁₀), sulphur dioxide)	Member States are required to reduce exposure to PM2.5 in urban areas by an average of 20% by 2020 based on 2010 levels. It obliges them to bring exposure levels below 20 micrograms/m ³ by 2015 in these areas. Throughout their territory Member States will need to respect the PM2.5 limit value set at 25. By 2016 within the Bath AQMA and Keynsham AQMA annual average concentrations of Nitrogen Dioxide (NO ₂) not to exceed 40µg/m ³	B&NES	Bi-annual
	Bathing water quality	Water Framework Directive: <ul style="list-style-type: none"> • Achievement of good ecological status and good surface water chemical status by 2015; and • Achievement of good ecological potential and good surface water chemical status for 	Environment Agency website. For data specific to Sedgemoor contact Environment Agency Customer Contact Team custswnw@environment-agency.gov.uk or 01278 484813	Annual

		heavily modified water bodies.		
	River water quality (chemical, physical and ecological status of water bodies)	Achieve 'good' chemical, physical and ecological status by 2015.	Environment Agency latest River Basin Management Plan, South West River Basin District or contact Environment Agency Customer Contact Team custswnw@environment-agency.gov.uk or 01278 484813	Annual
	Ground water quality	Achieve 'good' quantitative and chemical status by 2015.	Environment Agency latest River Basin Management Plan, South West River Basin District or contact Environment Agency Customer Contact Team custswnw@environment-agency.gov.uk or 01278 484813	Annual
Objective 16: Encourage sustainable construction	Performance against B&NES Sustainable Construction Checklist	N/A	B&NES	Periodic
Objective 17: Ensure the development of sustainable and/or local energy sources and energy infrastructure	Renewable energy generation (MW of energy and MW of heat) Proportion and number of renewable energy scheme granted planning permission annually. Amount of renewable energy generated from renewable energy sources annually (measured via feed in tariff data) Location of het	By2029 <ul style="list-style-type: none"> Renewable Electricity: 110MWe Renewable Heat: 165MWth EU Renewable energy Directive: 15% of energy use in the UK to be generated from renewables. Climate Change Act: reduce carbon dioxide emissions by at least 26% by	B&NES	Annual

	<p>priority areas where policy direct heating schemes have started to be implemented</p> <p>Proportion and number of CHP schemes granted planning permission annually.</p>	<p>2020 and 80% by 2050. In the UK 2009 budget, the 2020 target was revised and therefore the current legally binding target is to achieve a carbon emissions reduction of 34% by 2020. This target is likely to be reviewed in forthcoming budgets.</p>		
	Total final energy consumption/ Capita (kWh) for BANES	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual.
	Total domestic energy consumption/ household (kWh)	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual.
	Total domestic electricity consumption/meter point (kWh)	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual.
	Total domestic gas consumption/ meter point (kWh)	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual.
	Total Industrial and commercial gas consumption /meter point(kWh)	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual
	Total Industrial and Commercial electricity consumption/ meter point (kWh)	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual.
	Total vehicle consumption/ capita (tonnes of fuel)	N/A	High Level Energy Indicators, Department of Energy and Climate Change	Annual.

	CO ₂ emissions per capita (tCO ₂)	The district target is to reduce carbon emissions by 30% by 2014.	High Level Energy Indicators, Department of Energy and Climate Change	Annual.
Objective 18: Reduce vulnerability to, and manage flood risk (taking account of climate change)	Numbers of properties affected by fluvial flood events in the last year	N/A	Environment Agency Customer Contact Team custswnw@environment-agency.gov.uk or 01278 484813	Annual
	Number of properties benefiting from flood defences	N/A	Environment Agency Customer Contact Team custswnw@environment-agency.gov.uk or 01278 484813	Annual
	Condition of flood defences	N/A	National Flood and Coastal Defence Database (NFCDD) via Environment Agency Customer Contact Team custswnw@environment-agency.gov.uk or 01278 484813	Annual
	Planning permissions granted contrary to EA advice on flooding or water quality grounds.	N/A	B&NES	Annual
Objective 19: Encourage careful and efficient use of natural resources	Number of major development schemes achieving 'greens' Policy CP6	A majority of greens	B&NES	Annual
	Catchment Abstraction Management Strategies (The Bristol Avon) areas identified as over abstracted.	N/A	Environment Agency	Brief annual updates issued. Fully updated every 6 years. First

				round of CAMS completed in 2008.
	Amount of floor space on previously developed land by type (office/ industrial) in sqm, by place annually and total since 2011. Gains, losses and net.	See SA Objective 8 for targets	B&NES	Annual
	Housing Development on Previously Developed Land	N/A	B&NES	Annual
Objective 20: Promote waste management accordance with the waste hierarchy (Reduce, Reuse and Recycle)	Tonnage of construction and demolition waste produced and proportion that is recycled / reused.	From Rubbish to Resource, The Regional Waste Strategy: to ensure that by the year 2020 over 45% of waste is recycled and reused and less than 20% of waste produced in the region will be landfilled. In cooperation with 4 district councils (West of England Joint waste Strategy) the aim is to reduce landfill by 75% over the next five years.	Environment Agency	Annual
	Tonnage of hazardous waste produced and proportion that is recycled / reused.	N/A	EA Hazardous Waste Database	Annual
	6b: Amount of municipal waste arising, and managed by management type and the percentage each management type represents of the waste managed	B&NES has adopted a long term zero waste target ¹ .	B&NES waste statistics	Annual

¹ TOWARDS ZERO WASTE 2020 A Waste Strategy for Bath & North East Somerset 2005 – 2010 (February 2008 Update)

