



# **Strategic Environmental Assessment - Sources of Data**



**Scottish Enterprise Grampian  
Aberdeenshire Council  
Aberdeen City Council**



**document five**



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## Introduction

The availability of good and reliable data is essential for every SEA being undertaken. In the SEA, information or data may be required for the compilation of baseline information or for the identification of environmental issues and problems. Information and data required for SEA should cover a number of “environmental issues” including biodiversity (including fauna and flora), soil, population, human health, landscape, cultural heritage (including architectural and archaeological heritage) and material assets. In practice, one officer or organisation does not hold all of the information you require to carry out SEA. Instead, different officers or groups of persons within and outwith your Council hold information or data. This booklet will guide you to different sources of data or information relevant to SEA.

## Explanation of the Guidance



The first three columns of the guidance cover environmental issues, SEA objectives and indicators. The fourth and fifth columns provide information on sources suitable for plans covering small areas and wider local area. Thus if you are preparing an area plan or neighbourhood action plan, sources for information or data may come from officers listed under “Area Data Source.” An SEA for a local plan will first consider data and information from officers and bodies listed under “Local Data Source.” Similarly an SEA for a Strategic Development Plan will make use of data sources listed under “Regional Data Source.”

It is important to note that even if you are preparing an SEA for a local plan you will need regional and national data. This is because the UK-wide (2005) SEA Guidance and the Scottish Executive SEA Templates suggest that you include comparators in the analysis of baseline data (see the SEA Handbook for further details on trends and comparators). It has to be stressed that information provided here is the basic minimum. Depending upon the scope of your SEA, you might supplement these data sources from other sources. For example, consultations with experts; research into topic and monitoring papers, surveys (e.g. ecological surveys) and workshop could yield additional information and data.

## Biodiversity, fauna and flora

### Environmental Issue/SEA Topic: Biodiversity, fauna and flora

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>• Avoid damage to designated wildlife and geological sites and protected species</li> <li>• Maintain biodiversity, avoiding irreversible losses</li> <li>• Restore the full range of characteristic habitats and species to viable levels</li> <li>• Reverse the long term decline in farmland birds</li> <li>• Ensure the sustainable management of key wildlife sites and the ecological processes on which they depend</li> <li>• Provide opportunities for people to come into contact with and appreciate wildlife and wild places</li> </ul>	<ul style="list-style-type: none"> <li>• Reported levels of damage to designated sites/species</li> <li>• Achievement of Biodiversity Action Plan targets</li> <li>• Reported condition of national important wildlife sites, SSSIs</li> <li>• Achievement of 'Accessible natural Greenspace Standards'</li> <li>• Number/area of Local Nature Reserve</li> </ul>	<ul style="list-style-type: none"> <li>• NESBReC (01224273633 – Hilton Campus – Aberdeen University)</li> </ul> <p>Aberdeenshire</p> <ul style="list-style-type: none"> <li>• (01467628002 – Gordon House)</li> </ul> <p>Environment Planner (Ecologist) (01467 628002)</p> <p>Environment Planner (Natural Heritage) - Banff – (01261 813219); Inverurie – (01467 628254); Stonehaven – 01569 768293</p> <p>Countryside Access Officers - Inverurie (01467 628481; Aboyne – 013398 87453</p> <p>Ranger Service (Head – 01467628399) Senior &amp; Access &amp; South (01339885751)</p> <p>Senior &amp; Coastal &amp; North (01771622857)</p>	<ul style="list-style-type: none"> <li>• NESBReC (01224273633 – Hilton Campus – Aberdeen University)</li> </ul> <p>Aberdeenshire</p> <ul style="list-style-type: none"> <li>• (01467628002 – Gordon House)</li> </ul> <p>Environment Planner (Ecologist) (01467 628002)</p> <p>Environment Planner (Natural Heritage) - Banff – (01261 813219); Inverurie – (01467 628254); Stonehaven – 01569 768293</p> <p>Countryside Access Officers - Inverurie (01467 628481; Aboyne – 013398 87453</p>	<ul style="list-style-type: none"> <li>• NESBReC (01224273633 – Hilton Campus – Aberdeen University)(01467628002 – Gordon House)</li> <li>• Environment Planner (Ecologist) (01467 628002)</li> <li>• North East Scotland Local Biodiversity Action Plan (NELBAP) The Macaulay Institute (01224 318611) Biodiversity Co-ordinator: j.prigmore@macaulay.ac.uk Biodiversity Assistant: j.lamb@macaulay.ac.uk</li> <li>• Deer management – Deer Commission for Scotland – www.dcs.gov.uk Land use and land cover – DEFRA – www.defra.gov.uk/environment/statistics</li> </ul>

**Environmental Issue/SEA Topic: Biodiversity, fauna and flora continued**

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		<p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Local Nature Reserves -Sites of Special Scientific Interest Improving and promoting public access to the countryside Tel: 01224 897400 Email: italboys@aberdeencity.gov.uk</li> <li>Tree maintenance &amp; Woodland Management Tel: 01224 522231 Fax: 01224 523921 Email: richardn@aberdeencity.gov.uk</li> <li>Ranger Service on 01224 897400 or E-mail: lochinch@aberdeencity.gov.uk</li> </ul>	<p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Local Nature Reserves -Sites of Special Scientific Interest Improving and promoting public access to the countryside Tel: 01224 897400 Email: italboys@aberdeencity.gov.uk</li> <li>Tree maintenance &amp; Woodland Management Tel: 01224 522231 Fax: 01224 523921 Email: richardn@aberdeencity.gov.uk</li> <li>Ranger Service on 01224 897400 or E-mail: lochinch@aberdeencity.gov.uk</li> </ul>	<p>Fisheries, aquaculture, fish stock – Fisheries Research service – <a href="http://www.frs-scotland.gov.uk">www.frs-scotland.gov.uk</a> Forestry, woodland – Forestry Commission Scotland – <a href="http://www.forestry.gov.uk/scotland">www.forestry.gov.uk/scotland</a></p> <ul style="list-style-type: none"> <li>Bird Monitoring and survey work – <a href="http://www.rspb.org.uk/scotland/index.asp">www.rspb.org.uk/scotland/index.asp</a></li> <li>State of the environmental report and information on biodiversity – Scottish Environmental Protection agency (SEPA) – <a href="http://www.sepa.org.uk">www.sepa.org.uk</a></li> <li>Protected areas, natural heritage trends, wildlife – Scottish Natural Heritage (SNH) - <a href="http://www.snh.org.uk">www.snh.org.uk</a> Native woodland heritage- Woodland Trust – <a href="http://www.woodland-trust.org.uk">www.woodland-trust.org.uk</a></li> </ul>

## Population and Human Health

### Environmental Issue/SEA Topic: Population and Human health

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>• Create conditions to improve health and reduce health inequalities</li> <li>• Promote healthy living</li> <li>• Protect and enhance human health</li> <li>• Reduce and prevent crime, reduce the fear of crime</li> <li>• Decrease noise and vibration</li> <li>• Increase opportunities for indoor recreation and exercise</li> </ul>	<ul style="list-style-type: none"> <li>• Size of population</li> <li>• Changes in demography</li> <li>• Years of healthy life expectancy / infant mortality rate</li> <li>• Mortality by cause</li> <li>• Recorded crimes per 1000 population</li> <li>• Fear of crime surveys</li> <li>• Number of transport/pedestrian/cyclist road accidents</li> <li>• Number of people affected by ambient noise levels</li> <li>• Proportion of tranquil areas</li> <li>• Proportion of population living in most deprived areas/reliant on key benefits/ income deprived</li> <li>• General resident perception surveys</li> </ul>	<ul style="list-style-type: none"> <li>• Research Officer (012244743) Senior Information officer (01224664713) Information &amp; Information Manager (012244740)</li> <li>• NHS Health Scotland (2004) A Community Health and Well-being Profile. Edinburgh &amp; Glasgow: Health Scotland</li> <li>• Scottish Neighbourhood Statistics.</li> <li>• Aberdeenshire &amp; Aberdeen City (2004) Strategic Forecasts 2003-2021</li> </ul> <p>Aberdeen city – Noise control</p> <ul style="list-style-type: none"> <li>• Tel: 01224 523440 Fax: 01224 647333 Email: poll@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>• Research Officer (012244743) Senior Information officer (01224664713) Information &amp; Information Manager (012244740)</li> <li>• NHS Health Scotland (2004) A Community Health and Well-being Profile. Edinburgh &amp; Glasgow: Health Scotland</li> <li>• Scottish Neighbourhood Statistics.</li> <li>• Aberdeenshire &amp; Aberdeen City (2004) Strategic Forecasts 2003-2021</li> </ul> <p>Aberdeen city – Noise control</p> <ul style="list-style-type: none"> <li>• Tel: 01224 523440 Fax: 01224 647333 Email: poll@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>• Research Officer (012244743) Senior Information officer (01224664713) Information &amp; Information Manager (012244740)</li> <li>• NHS Health Scotland (2004) A Community Health and Well-being Profile. Edinburgh &amp; Glasgow: Health Scotland</li> <li>• Scottish Neighbourhood Statistics.</li> <li>• Noise policy, research and mitigation – DEFRA – <a href="http://www.defra.gov.uk/environment/noise">www.defra.gov.uk/environment/noise</a></li> <li>• Census data and general population statistics - General Register for Scotland – <a href="http://www.gro-scotland.gov.uk">www.gro-scotland.gov.uk</a></li> </ul>

Environmental Issue/SEA Topic: Population and Human health continued

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		<ul style="list-style-type: none"> <li>Strategic Research &amp; Information Unit (2006) 2006 City Focus. Aberdeen City Council 01224522000</li> <li>Aberdeen City Council (2005) Scottish Index of Multiple Deprivation (SIMD) 2004: Analysis of Aberdeen Data. Aberdeen City Council</li> </ul> <p>Outdoor access</p> <ul style="list-style-type: none"> <li>Tel: +44 (0)1224 523316 Email: rsharp@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>Strategic Research &amp; Information Unit (2006) 2006 City Focus. Aberdeen City Council 1224522000</li> <li>Aberdeen City Council (2005) Scottish Index of Multiple Deprivation (SIMD) 2004: Analysis of Aberdeen Data. Aberdeen City Council</li> </ul> <p>Outdoor access</p> <ul style="list-style-type: none"> <li>Tel: +44 (0)1224 523316 Email: rsharp@aberdeencity.gov.uk</li> </ul>	<p>(0131 334 0380) Health data, statistics, publications, support and journals – Health Education Board for Scotland – <a href="http://www.hebs.scot.nhs.uk">www.hebs.scot.nhs.uk</a></p> <ul style="list-style-type: none"> <li>Various public health and related statistics – NHS Health Scotland <a href="http://www.phis.org.uk">www.phis.org.uk</a></li> <li>Scottish Neighbourhood Statistics – population trends, social and economic data – <a href="http://www.sns.gov.uk">www.sns.gov.uk</a></li> <li>Projections of the number of households in each local authority area, by household type and the age of the head of household. It is available from the GROS website at <a href="http://www.gro-scotland.gov.uk/statistics/library/household-estimates-projections/household-projections-for-scotland-2004-based/index.htm">http://www.gro-scotland.gov.uk/statistics/library/household-estimates-projections/household-projections-for-scotland-2004-based/index.htm</a></li> <li>Scottish neighbourhood Statistics <a href="http://www.sns.gov.uk/">http://www.sns.gov.uk/</a></li> </ul>

## Water and Soil

Environmental Issues/SEA Topic: Water and soil				
Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>Limit water pollution that do not damage natural systems</li> <li>Maintain water abstraction, run-off and road recharge within carrying capacity (including future capacity)</li> <li>Reduce contamination, and safeguard soil quality and quantity</li> <li>Minimise waste, then re-use or recover it through recycling, composting or energy recovery</li> <li>Maintain and restore key ecological processes (e.g. hydrology, water quality, coastal processes)</li> </ul>	<ul style="list-style-type: none"> <li>Quality (biology and chemistry) of rivers</li> <li>Quantity and quality of groundwater</li> <li>Water use (by sector, including leakage), availability and proportions recycled</li> <li>Water available for water dependent habitats, especially designated wetlands</li> <li>Amount/loss of greenfield / brownfield land and proportion available for reuse</li> <li>Number of houses affected by subsistence, instability</li> <li>Housing density</li> <li>Waste disposal of in landfill</li> <li>Contaminated land</li> <li>Flood risk</li> </ul>	<ul style="list-style-type: none"> <li>Environment Planner (Strategic) – 01467 628380 Countryside Access Officers – Inverurie - (01467 628481; Aboyne – 013398 87453 Ranger Service (Head – 01467628399) Senior &amp; Access &amp; South (01339885751) Senior &amp; Coastal &amp; North (01771622857)</li> <li>The Environmental Health Section of Aberdeenshire Councils' Planning and Environmental Service environment@aberddeen.gov.uk Area Offices Banff &amp; Buchan Area (01261) 813280 Fraserburgh (01346) 586321 Buchan Area (01779) 483254 Formartine Area (01888) 563417</li> </ul>	<ul style="list-style-type: none"> <li>Environment Planner (Strategic) – 01467 628380 Countryside Access Officers - Inverurie (01467 628481; Aboyne – 013398 87453 Ranger Service (Head – 01467628399) Senior &amp; Access &amp; South (01339885751) Senior &amp; Coastal &amp; North (01771622857)</li> <li>The Environmental Health Section of Aberdeenshire Councils' Planning and Environmental Service environment@aberddeen.gov.uk Area Offices Banff &amp; Buchan Area (01261) 813280 Fraserburgh (01346) 586321 Buchan Area (01779) 483254 Formartine Area (01888) 563417</li> </ul>	<ul style="list-style-type: none"> <li>Inland water quality and use, agricultural land classification – Defra – <a href="http://www.defra.gov.uk/environment/statistics">www.defra.gov.uk/environment/statistics</a> Soils, plans and water - Macaulay Land Use research Institute – <a href="http://www.mluri.sari.ac.uk">www.mluri.sari.ac.uk</a> Water quality data, including water quality classification scheme, monitoring and new classifications established to meet requirements of the Water Framework directive, Bathing water quality data; river level data; flood warning information; catchment management plans; waste strategy; waste data report – Waste Data Digest providing information about waste arisings</li> </ul>



**Environmental Issues/SEA Topic: Water and soil continued**

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		Ellon (01358) 726444 Garioch Area Gordon House (01467) 620981 Marr Area (01466) 794121 Alford (019755) 64806 Banchory (01330) 822878 Aboyne, (013398) 87373 Kincardine and Mearns Area Stonehaven, (01569) 768232 Aberdeenshire Wide Environmental Health Specialist Officer (Housing and Pollution) Tel: 01467 628159	<ul style="list-style-type: none"> <li>• Ellon (01358) 726444</li> <li>• Garioch Area</li> <li>• Gordon House (01467) 620981</li> <li>• Marr Area (01466) 794121</li> <li>• Alford (019755) 64806</li> <li>• Banchory (01330) 822878</li> <li>• Aboyne, (013398) 87373</li> <li>• Kincardine and Mearns Area</li> <li>• Stonehaven, (01569) 768232</li> <li>• Aberdeenshire Wide Environmental Health Specialist Officer (Housing and Pollution) Tel: 01467 628159</li> </ul>	SEPA Policies – e.g. Groundwater policy – SEPA <a href="http://www.sepa.org.uk/data/index.html">www.sepa.org.uk/data/index.html</a> <ul style="list-style-type: none"> <li>• <a href="http://www.sepa.org.uk/publications/bathingwaters/index.htm">www.sepa.org.uk/publications/bathingwaters/index.htm</a></li> <li><a href="http://www.sepa.org.uk/publications/wfd/index.htm">www.sepa.org.uk/publications/wfd/index.htm</a></li> <li><a href="http://www.sepa.org.uk/data/classification/index.htm">www.sepa.org.uk/data/classification/index.htm</a></li> <li><a href="http://www.sepa.org.uk/data/river_levels/data.htm">www.sepa.org.uk/data/river_levels/data.htm</a></li> <li><a href="http://www.sepa.org.uk/flooding/index.htm">www.sepa.org.uk/flooding/index.htm</a></li> <li><a href="http://www.sepa.org.uk/publications/nws/index.htm">www.sepa.org.uk/publications/nws/index.htm</a></li> <li><a href="http://www.sepa.org.uk/publications/wds/index.htm">www.sepa.org.uk/publications/wds/index.htm</a></li> <li><a href="http://www.sepa.org.uk/policies/index.htm">www.sepa.org.uk/policies/index.htm</a></li> <li><a href="http://www.sepa.org.uk/publications/technical/spey/index.htm">www.sepa.org.uk/publications/technical/spey/index.htm</a></li> </ul>

Environmental Issues/SEA Topic: Water and soil continued

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		<p>Aberdeen city</p> <ul style="list-style-type: none"> <li>Waste Aware Tel: 01224 523310 Email: wasteware@aberdeencity.gov.uk</li> </ul> <p>Contaminated Land &amp; Water pollution Tel: 01224 523440 Fax: 01224 647333 Email: poll@aberdeencity.gov.uk</p> <p>Waste Management</p> <ul style="list-style-type: none"> <li>(01224) 774177, E-mail: aberdeenforward@lineone.net or web http://www.aberdeenforward.co.uk</li> </ul> <p>Air quality and contaminated land</p> <ul style="list-style-type: none"> <li>(01224) 522216 abrodie@aberdeencity.gov.uk</li> </ul>	<p>Aberdeen city</p> <ul style="list-style-type: none"> <li>Waste Aware Tel: 01224 523310 Email: wasteware@aberdeencity.gov.uk</li> </ul> <p>Contaminated Land &amp; Water pollution Tel: 01224 523440 Fax: 01224 647333 Email: poll@aberdeencity.gov.uk</p> <p>Waste Management</p> <ul style="list-style-type: none"> <li>(01224) 774177, E-mail: aberdeenforward@lineone.net or web http://www.aberdeenforward.co.uk</li> </ul> <p>Air quality and contaminated land</p> <ul style="list-style-type: none"> <li>(01224) 522216 abrodie@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>Drinking water quality, waste water quality, river basin management – Scottish water – www.scottishwater.co.uk</li> <li>Water services – The water Industry Commissioner for Scotland – www.watercommissioner.co.uk</li> </ul>

## Air

Environmental Issue/SEA Topic: Air				
Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>Limit air pollution to levels that do not damage natural systems</li> <li>Reduce the need to travel</li> <li>Reduce respiratory illness</li> </ul>	<ul style="list-style-type: none"> <li>Number of days of air pollution</li> <li>Levels of key air pollutants/per sector and per capita</li> <li>Achievement of Air Quality Management Area</li> <li>Access to key services</li> <li>Distance travelled per person per year by mode of transport</li> <li>Modal split</li> <li>Traffic volumes</li> </ul>	<ul style="list-style-type: none"> <li>The Environmental Health Section of Aberdeenshire Councils' Planning and Environmental Service</li> <li>environment@aberdeen.gov.uk</li> <li>Area Offices</li> <li>Banff &amp; Buchan Area (01261) 813280</li> <li>Fraserburgh (01346) 586321</li> <li>Buchan Area (01779) 483254</li> <li>Formartine Area (01888) 563417</li> <li>Ellon (01358) 726444</li> <li>Garioch Area</li> <li>Gordon House (01467) 620981</li> <li>Marr Area (01466) 794121</li> <li>Alford (019755) 64806</li> <li>Banchory (01330) 822878</li> <li>Aboyne, (013398) 87373</li> <li>Kincardine and Mearns Area</li> </ul>	<ul style="list-style-type: none"> <li>The Environmental Health Section of Aberdeenshire Councils' Planning and Environmental Service</li> <li>environment@aberdeen.gov.uk</li> <li>Area Offices</li> <li>Banff &amp; Buchan Area (01261) 813280</li> <li>Fraserburgh (01346) 586321</li> <li>Buchan Area (01779) 483254</li> <li>Formartine Area (01888) 563417</li> <li>Ellon (01358) 726444</li> <li>Garioch Area</li> <li>Gordon House (01467) 620981</li> <li>Marr Area (01466) 794121</li> <li>Alford (019755) 64806</li> <li>Banchory (01330) 822878</li> <li>Aboyne, (013398) 87373</li> <li>Kincardine and Mearns Area</li> </ul>	<ul style="list-style-type: none"> <li>Information on energy saving and carbon management – action energy / Carbon Trust – <a href="http://www.thecarbobstrust.co.uk">www.thecarbobstrust.co.uk</a></li> <li>Concentrations of carbon dioxide, sulphur dioxide – National Atmospheric Emissions Inventory – <a href="http://www.naei.org.uk">www.naei.org.uk</a></li> <li><a href="http://www.airquality.co.uk/archive/laqm/laqm.php">www.airquality.co.uk/archive/laqm/laqm.php</a></li> <li><a href="http://www.airquality.co.uk/archive/bulletin.php?type=current">www.airquality.co.uk/archive/bulletin.php?type=current</a></li> <li>Air quality – NO2 and SO2 Emissions – SEPA <a href="http://www.sepa.org.uk/data/index.htm">www.sepa.org.uk/data/index.htm</a></li> <li><a href="http://www.sepa.org.uk/data/emissions_SO2_NOx">www.sepa.org.uk/data/emissions_SO2_NOx</a></li> <li>Pollution and transport statistics</li> <li><a href="http://www.scotland.gov.uk/Topics/Environment/Pollution">www.scotland.gov.uk/Topics/Environment/Pollution</a></li> </ul>

Environmental Issue/SEA Topic: Air continued

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		<ul style="list-style-type: none"> <li>Stonehaven, (01569) 768232</li> <li>Aberdeenshire Wide</li> <li>Environmental Health Specialist Officer (Housing and Pollution) Tel: 01467 628159</li> </ul> <p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Air pollution</li> <li>Environmental Protection Service</li> <li>Tel: 01224 523737 Fax: 01224 647333 Email: poll@aberdeencity.gov.uk</li> <li>Air quality and contaminated land (01224) 522216 abroadie@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>Stonehaven, (01569) 768232</li> <li>Aberdeenshire Wide</li> <li>Environmental Health Specialist Officer (Housing and Pollution) Tel: 01467 628159</li> </ul> <p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Air pollution</li> <li>Environmental Protection Service</li> <li>Tel: 01224 523737 Fax: 01224 647333 Email: poll@aberdeencity.gov.uk</li> <li>Air quality and contaminated land (01224) 522216 abroadie@aberdeencity.gov.uk</li> </ul>	

## Climatic factors

Environmental Issue/SEA Topic: Climatic Factors				
Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>Reduce greenhouse gas emissions</li> <li>Reduce vulnerability to the effects of climate change e.g. flooding, disruption to travel by extreme weather, etc</li> </ul>	<ul style="list-style-type: none"> <li>Electricity and gas use</li> <li>Electricity generated from renewable energy sources and CHP located in the area</li> <li>Energy consumption per building and per occupant</li> <li>CO2 emissions</li> <li>Flood risk</li> </ul>	<ul style="list-style-type: none"> <li>Energy Conservation Engineer (01224 664443)</li> <li>Energy Conservation Assistant (01224 66-4489/4150/4481)</li> <li>Energy Conservation Engineer (01224 664443)</li> </ul> <p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Air pollution</li> </ul> <p>Environmental Protection Service            Tel: 01224 523737            Fax: 01224 647333            Email: poll@aberdeencity.gov.uk (01224) 522216            abrodie@aberdeencity.gov.uk</p>	<ul style="list-style-type: none"> <li>Energy Conservation Engineer (01224664443)</li> <li>Energy Conservation Assistant (01224 66-4489/4150/4481)</li> <li>Energy Conservation Engineer (01224 664443)</li> </ul> <p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Air pollution</li> </ul> <p>Environmental Protection Service            Tel: 01224 523737            Fax: 01224 647333            Email: poll@aberdeencity.gov.uk (01224) 522216            abrodie@aberdeencity.gov.uk</p>	<ul style="list-style-type: none"> <li>Concentrations of carbon dioxide, sulphur dioxide etc, Local Air Quality Management Plans – Air quality Archive  <a href="http://www.airquality.co.uk">www.airquality.co.uk</a>            weather patterns – Met Office – <a href="http://www.metoffice.co.uk">www.metoffice.co.uk</a>            renewable energy sites, capacity and generation            Renewable Energy Statistics Database            - <a href="http://www.restats.org.uk">www.restats.org.uk</a>  <a href="http://www.etsu.comRESTAS">www.etsu.comRESTAS</a></li> <li>Industrial emissions data – SEPA – <a href="http://www.sepa.org.uk/data/index.htm">www.sepa.org.uk/data/index.htm</a></li> </ul>



Environmental Issue/SEA Topic: Climatic Factors continued

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		<p>Climate Change</p> <ul style="list-style-type: none"> <li>bemiller@aberdeencity.gov.uk 01224522091 Environmental Policy Manager E-mail: asefton@aberdeencity.gov.uk Tel: 01224 523842 Tel   01224-523512, or e-mail: jlyon@aberdeencity.gov.uk Bill: tel 01224-523051, or e-mail: wroseburgh@aberdeencity.gov.uk.</li> </ul>	<p>Climate Change</p> <ul style="list-style-type: none"> <li>bemiller@aberdeencity.gov.uk 01224522091 Environmental Policy Manager E-mail: asefton@aberdeencity.gov.uk Tel: 01224 523842</li> <li>Tel 01224-523512, or e-mail: jlyon@aberdeencity.gov.uk Bill: tel 01224-523051, or e-mail: wroseburgh@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>Climate Change – Scottish Executive – Climate Change <a href="http://www.scotland.gov.uk/Topics/Environment/Climate-Change">www.scotland.gov.uk/Topics/Environment/Climate-Change</a></li> <li>CO2 emissions, climate change effects <a href="http://www.ukcip.org.uk">www.ukcip.org.uk</a></li> </ul>

## Cultural Heritage (including architectural and archaeological heritage)

Environmental Issue/SEA Topic: Cultural Heritage (including architectural and archaeological heritage)				
Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>• Preserve historic buildings, archaeological sites and other culturally important features</li> <li>• Value and protect diversity and local distinctiveness</li> </ul>	<ul style="list-style-type: none"> <li>• Percentage of listed buildings and archaeological sites at risk</li> <li>• Number and proportion of vacant dwellings</li> <li>• Building functionality: use, access, space</li> <li>• Building impact: form and materials, internal environment, urban and social integration, character and innovation</li> </ul>	<ul style="list-style-type: none"> <li>• Environment Planner (built &amp; Cultural Heritage) - Banff (01261813218); Inverurie 01467628632); Stonehaven (01569768291)</li> <li>• Archaeologists (Assist – Principal) 01224 66 - 4723 or 4726 o6 4731)</li> </ul> <p>Aberdeen City Keeper of Archaeology</p> <ul style="list-style-type: none"> <li>• Archaeological heritage</li> <li>• Tel: 01224 523658</li> <li>• Email: judiths@aberdeencity.gov.uk</li> </ul> <p>Assistant Archaeologist</p> <ul style="list-style-type: none"> <li>• Tel: 01224 523654</li> <li>• Email: alcameron@aberdeencity.gov.uk</li> </ul> <p>Conservation area Advice</p> <ul style="list-style-type: none"> <li>• Tel: 01224 522228</li> <li>• Fax: 01224 636181</li> <li>• Email: paulp@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>• Environment Planner (built &amp; Cultural Heritage) - Banff (01261813218); Inverurie 01467628632); Stonehaven (01569768291)</li> <li>• Archaeologists (Assist – Principal) 01224 66 - 4723 or 4726 o6 4731)</li> </ul> <p>Aberdeen City Keeper of Archaeology</p> <ul style="list-style-type: none"> <li>• Archaeological heritage</li> <li>• Tel: 01224 523658</li> <li>• Email: judiths@aberdeencity.gov.uk</li> </ul> <p>Assistant Archaeologist</p> <ul style="list-style-type: none"> <li>• Tel: 01224 523654</li> <li>• Email: alcameron@aberdeencity.gov.uk</li> </ul> <p>Conservation area Advice</p> <ul style="list-style-type: none"> <li>• Tel: 01224 522228</li> <li>• Fax: 01224 636181</li> <li>• Email: paulp@aberdeencity.gov.uk</li> </ul>	<ul style="list-style-type: none"> <li>• Archaeology and Monuments - Historic Scotland (HS) – www.historic-scotland.gov.uk</li> <li>• Buildings, sites, and ancient monuments - Royal Commission on the Ancient &amp; Historic Monuments of Scotland (RCAHMS) – www.rcahms.gov.uk</li> <li>• Scheduled Ancient Monuments, Listed Buildings, Historic Gardens and Design Landscapes, Natural Monuments Record of Scotland – PASTMAP <a href="http://jura.rcahms.gov.uk/PASTMAP/start.jsp">http://jura.rcahms.gov.uk/PASTMAP/start.jsp</a></li> </ul>

Environmental Issue/SEA Topic: Cultural Heritage (including architectural and archaeological heritage) continued

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
		<p>Information on existing and others trails/places being established</p> <ul style="list-style-type: none"> <li>• North Sea Trail</li> <li>• People and Places</li> <li>• Granite City Trail</li> <li>• Heritage Trail</li> </ul> <p>Other trails being established:</p> <ul style="list-style-type: none"> <li>• Sculpture Trail</li> <li>• River Don Heritage Trail</li> <li>• Deeside Line Trail</li> <li>• Freedom March Stones Trail</li> <li>• Denburn Trail</li> <li>• Old Aberdeen Trail</li> <li>• Royal Connections Trail</li> <li>• Harbour Trail</li> <li>• Carved Stone Trail</li> <li>• Telephone +44 (0)1224 523463 Email citydev@aberdeencity.gov.uk</li> </ul>	<p>Information on existing and others trails/places being established</p> <ul style="list-style-type: none"> <li>• North Sea Trail</li> <li>• People and Places</li> <li>• Granite City Trail</li> <li>• Heritage Trail</li> </ul> <p>Other trails being established:</p> <ul style="list-style-type: none"> <li>• Sculpture Trail</li> <li>• River Don Heritage Trail</li> <li>• Deeside Line Trail</li> <li>• Freedom March Stones Trail</li> <li>• Denburn Trail</li> <li>• Old Aberdeen Trail</li> <li>• Royal Connections Trail</li> <li>• Harbour Trail</li> <li>• Carved Stone Trail</li> <li>• Telephone +44 (0)1224 523463 Email citydev@aberdeencity.gov.uk</li> </ul>	



## Landscape

Environmental Issue/SEA Topic: Landscape				
Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>Create places, spaces and buildings that work well and look well</li> <li>Protect and enhance the landscape everywhere and particularly in designated areas</li> <li>Improve the quality and quantity of publicly accessible open spaces</li> </ul>	<ul style="list-style-type: none"> <li>Percentage of land designated for particular quality or amenity value, including publicly accessible land and greenways</li> <li>Proportion of population within 200m of parks and open spaces</li> <li>Percentage of residents rating improvement / other in activities for teenagers, cultural facilities including for children and sport, leisure and parkland facilities</li> </ul>	<ul style="list-style-type: none"> <li>Environment Planner (Landscape) – 01467628395</li> </ul> <p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Tel: 01224 522246</li> <li>Fax: 01224 636181</li> <li>Email: <a href="mailto:inicol@aberdeencity.gov.uk">inicol@aberdeencity.gov.uk</a></li> </ul>	<ul style="list-style-type: none"> <li>Environment Planner (Landscape) - 01467628395</li> </ul> <p>Aberdeen City</p> <ul style="list-style-type: none"> <li>Tel: 01224 522246</li> <li>Fax: 01224 636181</li> <li>Email: <a href="mailto:inicol@aberdeencity.gov.uk">inicol@aberdeencity.gov.uk</a></li> </ul>	<ul style="list-style-type: none"> <li>Scottish Natural Heritage (SNH) – <a href="http://www.snh.org.uk">www.snh.org.uk</a></li> </ul>

## Material Assets

Environmental Issue/SEA Topic: Material Asset				
Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
<ul style="list-style-type: none"> <li>Promote creation of fixed assets</li> <li>Enhance and promote commercial and industrial assets</li> <li>Protect residential, commercial and industrial properties</li> <li>Promote wealth creation</li> </ul>	<ul style="list-style-type: none"> <li>Vacant properties</li> <li>Housing completion</li> <li>Degraded buildings</li> <li>New developments</li> <li>No of existing buildings reused</li> <li>Flood defences</li> <li>Gauging stations</li> <li>Pumping stations</li> <li>Locks</li> <li>Weirs</li> <li>Industrial plant</li> <li>Infrastructure</li> <li>Transport network</li> <li>Residential properties</li> <li>Industry properties</li> <li>Commercial properties</li> <li>Reduce homelessness</li> <li>Increase range of housing for all social groups and household types</li> <li>Ensure sufficient supply of affordable housing</li> <li>Reduce number of unfit and empty properties in the private sector</li> <li>Indigenous business development</li> <li>Improve resilience of business and economy</li> </ul>	<ul style="list-style-type: none"> <li>Environment Planner (Projects) Banff (01261813217); Inverurie (01467 628381); Stonehaven (01569 768288)</li> <li>Architecture Manager – Woodhill House 01224 884424</li> <li>Architect - 1224 664449</li> <li>Principal Architect – 1224664464</li> <li>Principal Quantity Surveyor - 1224664493</li> <li>Estate Manager 1224664257</li> <li>Harbours &amp; Asset Management – Civil Engineer – Cape House – 01261813483</li> <li>Specialist Officer Harbour &amp; Assets –0121813479</li> </ul>	<ul style="list-style-type: none"> <li>Environment Planner (Projects) Banff (01261813217); Inverurie (01467 628381); Stonehaven (01569 768288)</li> <li>Architecture Manager – Woodhill House 01224 884424</li> <li>Architect - 1224 664449</li> <li>Principal Architect – 1224664464</li> <li>Principal Quantity Surveyor - 1224664493</li> <li>Estate Manager 1224664257</li> <li>Harbours &amp; Asset Management – Civil Engineer – Cape House – 01261813483</li> <li>Specialist Officer Harbour &amp; Assets –0121813479</li> </ul>	<ul style="list-style-type: none"> <li>Housing statistics – Scottish Executive – <a href="http://www.scotland.gov.uk/about/DD/EAS/00014844/home.aspx">www.scotland.gov.uk/about/DD/EAS/00014844/home.aspx</a></li> <li>Planning statistics – <a href="http://www.scotland.gov.uk/about/ASD/DD-EAS-Env/00017731/page1340818912.aspx">www.scotland.gov.uk/about/ASD/DD-EAS-Env/00017731/page1340818912.aspx</a></li> <li>North East Economic Research <a href="http://www.neser.org.uk/indicatorssheets.cfm">http://www.neser.org.uk/indicatorssheets.cfm</a> cover the following</li> <li>Employee Jobs - Energy Sector, 2003-2021</li> <li>Employee Jobs - Service Sector, 2003-2021</li> <li>Employee Jobs - Total, 2003-2021</li> <li>Household Forecasts / Projections, 2001-2016</li> <li>Housing - House Prices, 2001-2006</li> <li>Housing Stock, 2001</li> </ul>

**Environmental Issue/SEA Topic: Material Asset continued**

Possible Objectives	Possible SEA Indicators	Area Data Source	Local Data Source	Regional Data Source
	<ul style="list-style-type: none"> <li>Resources recovered through recovery and recycling</li> <li>Number business and houses protected from flooding</li> <li>Increased proportion of building materials from sustainable sources</li> <li>Proportion of population owning energy efficient cars</li> </ul>	<ul style="list-style-type: none"> <li>Local Roads Manager –01261813414</li> <li>Engineer –01261813416</li> <li>Principal Engineer – 0126181-3415/3481/3478</li> </ul>	<ul style="list-style-type: none"> <li>Local Roads Manager –01261813414</li> <li>Engineer –01261813416</li> <li>Principal Engineer – 0126181-3415/3481/3478)</li> </ul>	<ul style="list-style-type: none"> <li>Oil and Gas - Employee Estimates and Forecasts, 1981-2021</li> <li>Retailing - 2003 Retail Rankings</li> <li>Scottish Index of Multiple Deprivation 2004 - Scores Ranked by Local Authority Area</li> <li>Scottish Index of Multiple Deprivation 2004 - Aberdeen City</li> <li>Scottish Index of Multiple Deprivation 2004 - Aberdeenshire</li> <li>Tourism - Expenditure, North East Scotland, 2004</li> <li>Tourism - Volume and Value, UK and Overseas, 2003</li> <li>Transport - Aberdeen Airport Passenger Numbers, 2002-2005</li> <li>Turnover Size of VAT - Based Enterprises, 2005</li> <li>Vacant and Derelict Land in North East Scotland</li> </ul>