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STRATEGY

Glenmore and Cairngorm  
Strategy

**Strategic Environmental Assessment  
Scoping Report 2015**

## Cover Note

### PART 1

To: [SEA.gateway@scotland.gsi.gov.uk](mailto:SEA.gateway@scotland.gsi.gov.uk)

or

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### PART 2

An SEA Scoping Report is attached for the plan, programme or strategy (PPS) entitled:

Glenmore and Cairngorm Strategy

The Responsible Authority is:

The Cairngorms National Park Authority

### PART 3

Please tick the appropriate box

The PPS falls under the scope of Section 5(3) of the Act and requires an SEA under the Environmental Assessment (Scotland) Act 2005. **or**

The PPS falls under the scope of Section 5(4) of the Act and requires an SEA under the Environmental Assessment (Scotland) Act 2005. **or**

The PPS does not require an SEA under the Environmental Assessment (Scotland) Act 2005. However, we wish to carry out an SEA on a voluntary basis. We accept that, as this SEA is voluntary, the statutory 5 week timescale for views from the Consultation Authorities cannot be guaranteed.

**PART 4**

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**PART 5**

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signature  
is acceptable)



**Date**

14/09/2014

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## List of Abbreviations

2005 Act	Environmental Assessment (Scotland) Act 2005	NO <sub>2</sub>	Nitrogen dioxide
AQMA	Air Quality Management Area	NO <sub>x</sub>	Nitrogen oxides
BGS	British Geological Society	NRS	National Records of Scotland
CA	Consultation Authority	NSA	National Scenic Area
CNAP	Cairngorms Nature Action Plan	O <sub>3</sub>	Ground-level ozone
CNP	Cairngorms National Park	ODPM	Office of the Deputy Prime Minister
CNPA	Cairngorms National Park Authority	PM <sub>2.5</sub>	Particulate matter with particles with a diameter of 2.5 micrometres or less
EC	European Commission	PM <sub>10</sub>	Particulate matter with particles with a diameter of 10 micrometres or less
EEC	European Economic Community	PPS	Plans, Programmes and Strategies
EIA	Environmental Impact Assessment	PVA	Potentially Vulnerable Area
EU	European Union	RCAHMS	Royal Commission on the Ancient and Historical Monuments of Scotland
GCR	Geological Conservation Review	RSPB	Royal Society for the Protection of Birds
Ha	Hectares	SAC	Special Area of Conservation
HS	Historic Scotland	SEA	Strategic Environmental Assessment
JSA	Job Seekers Allowance	SEPA	Scottish Environment Protection Agency
LCA	Landscape Character Area	SIMD	Scottish Index of Multiple Deprivations
LDP	Local Development Plan	SNH	Scottish Natural Heritage
NH <sub>3</sub>	Ammonia	SO <sub>2</sub>	Sulphur dioxide
NMVOC	Non-methane volatile organic compound		
NNR	National Nature Reserve		

SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
SW	Scottish Water
SWWI	Strathspey Wetlands and Waders Initiative
WFD	Water Framework Directive
UK	United Kingdom
UK GAP	United Kingdom Geodiversity Action Plan
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Education

## Non-Technical Summary

### Introduction

Strategic Environmental Assessment (SEA) of the Glenmore and Cairngorm Strategy is a statutory requirement under the Environmental Assessment (Scotland) Act 2005. SEA is a systematic process developed to ensure that potential environmental impacts of Plans, Programmes and Strategies (PPS) (both positive and negative) are assessed and considered during the course of their preparation.

This section presents a non-technical summary of the SEA Scoping Report. The Scoping Report seeks to identify the environmental issues that need to be taken into consideration during the development of the Strategy and seeks the views of the Consultation Authorities on the scope of information to be included within the environmental assessment.

### Summary of the Glenmore and Cairngorm Strategy

Cairngorm and Glenmore are together an iconic destination at the heart of the Cairngorms National Park. Together with neighbouring Rothiemurchus, this area attracts 40% of all visitors to the National Park.

This area is central to the identity of the Cairngorms as well as the local economy. There is a long history of debate and reports written about the area and distinct phases of development creating what we have today. It is a special place, but the results of some previous decisions made in the absence of an overall strategy over the decades are evident in the current visitor experience.

There is an obligation to ensure those with an interest in the area are not only conserving but actively enhancing the conservation value, with Cairngorm and Glenmore sitting at the heart of some of Scotland's most important nature conservation sites, an expanding forest

network and the country's most extensive montane plateau, all in the context of a destination central to the local economy.

To make the most of this place for people and nature a long term strategy that guides future management is needed. It is not intended that the Strategy set out a blueprint but it can lay firm foundations that will help ensure the multiple organisations involved in managing this area co-ordinate plans, decisions and investment with a common sense of purpose and direction.

Below the Strategy sit three management plans:

- Glenmore Visitor Improvement Plan;
- Cairngorm Estate Management Plan; and
- Cairngorm Mountain Development Plan.

The aims, objectives and proposals of all are directed by the Glenmore and Cairngorm Strategy and all will be subject to this SEA process.



## Summary of the SEA Process

SEA aims to:

- integrate environmental factors into Strategy preparation and decision making;
- improve Strategy and enhance environmental protection;
- increase public participation in decision making; and
- facilitate openness and transparency of decision making.

The SEA process is divided into five main stages which are:

- Stage A: Setting the context and objectives, establishing the baseline and deciding on the scope;
- Stage B: Developing and refining alternatives and assessing effects;
- Stage C: Preparing the Environmental Report.
- Stage D: Consulting on the draft Strategy and its Environmental Report; and
- Stage E: Monitoring implementation of the Strategy.

The Scoping Report sets out the findings of Stage A. To assist this process of the work

has been categorised into 8 topic areas designed to provide a wide and detailed coverage of the environmental issues across Strategy area. These topics are:

- Topic 1: Climatic Factors
- Topic 2: Air
- Topic 3: Water
- Topic 4: Soil
- Topic 5: Material Asset
- Topic 6: Biodiversity, Fauna and Flora
- Topic 7: Landscape and Cultural Heritage
- Topic 8: Population and Human Health

## Summary of SEA Objectives

Proposed SEA Objectives have been developed as a result of the review of PPS (**Policy Context**, p. 8) and baseline information (**Baseline**, p. 11). Identifying objectives is an important part of the SEA process as these will be used as the primary tool for testing the emerging Glenmore and Cairngorms Strategy to ensure it will not result in any significant environmental effects. This process is referred to as the assessment stage (Stage B). At the Scoping

Stage of the SEA, it is only necessary to publish 'proposed' SEA Objectives to allow the Consultation Authorities to offer feedback during the consultation of the Scoping Report.

The SEA Objectives have been separated into 'main' and 'sub' objectives. It is important that the assessment process is proportional, practical and manageable. Consequently, the assessment process will utilise the 'main' SEA Objectives, but take account of the SEA Sub-Objectives. This distinction is important to ensure the assessment work is practical and achievable. The proposed SEA Objectives for the SEA of the Strategy are shown in **Table 4** (p. 20).

## Summary of Next Steps

The SEA Scoping Report will be consulted on for a period of five weeks in September and October 2015. The development of the Strategy and the environmental assessment will take place between September and November 2015.

Following consultation on the Scoping Report, the CNPA will consider any comments received and will amend the SEA work where appropriate. This will take place in the late part of 2015.

Future stages of the SEA process will take place alongside the development of the Glenmore and Cairngorms Strategy. The SEA is an ongoing process and will need to be updated at regular intervals throughout the work.

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## Introduction

*“The objective of this Directive is to provide for a high level of protection of the environment and to contribute to the integration of environmental considerations into the preparation and adoption of plans and programmes with a view to promoting sustainable development, by ensuring that, in accordance with this Directive, an environmental assessment is carried out of certain plans and programmes which are likely to have significant effects on the environment.”*

Directive 2001/42/EC

### What is a Strategic Environmental Assessment?<sup>1</sup>

As part of the preparation of the Glenmore and Cairngorm Strategy, the Cairngorms National Park Authority (CNPA) is required under the Environmental Assessment (Scotland) Act 2005 to carry out a Strategic

<sup>1</sup> A glossary of terms used in this report is provided in Appendix 5.

Environmental Assessment (SEA). SEA is a systematic method for considering the likely environmental effects of certain Plans, Programmes or Strategies (PPS). SEA aims to:

- integrate environmental factors into PPS preparation and decision making;
- improve PPS and enhance environmental protection;
- increase public participation in decision making; and
- facilitate openness and transparency of decision making.

The SEA process is divided into five main stages which are:

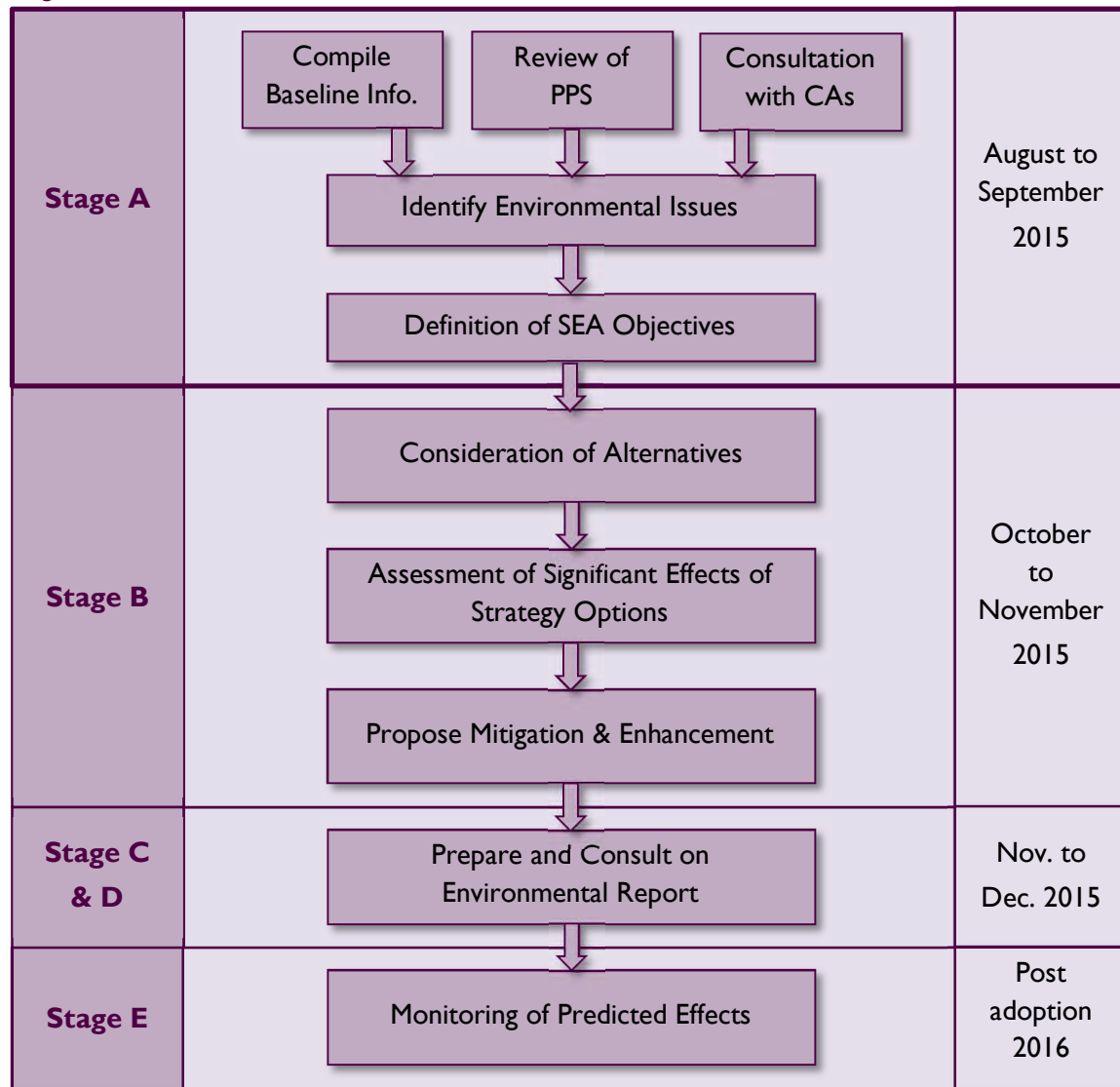
- Stage A: Setting the context and objectives, establishing the baseline and deciding on the scope;
- Stage B: Developing and refining alternatives and assessing effects;
- Stage C: Preparing the Environmental Report.
- Stage D: Consulting on the draft Strategy and its Environmental Report; and

- Stage E: Monitoring implementation of the Strategy.

**Figure 1** provides details of the actions required during these stages as well as the indicative timetable for their completion alongside the production of the Glenmore and Cairngorms Strategy.

It is also necessary for the CNPA to undertake a Habitats Regulation Assessment (HRA) in accordance with the The Conservation (Natural Habitats &c) Regulations 1994 (as amended). The HRA will be reported separately during the process.

Figure I Stages of the SEA of the Glenmore and Cairngorm Strategy and its indicative timetable; Scoping stage is outlined in bold.



### What is a Scoping Report?

*“The purpose of scoping is to define the level of detail to be covered in the assessment, and to reach agreement on the consultation timescales.”*

SEA Guidance  
(Scottish Government, 2013)

This is the ‘Scoping Report’ for the SEA of the Glenmore and Cairngorm Strategy. It represents **Stage A** of the SEA process (see **Figure I**). During this stage, the CNPA must seek to identify the environmental issues that need to be taken into consideration during the development of the Plan and seek the views of the Consultation Authorities (CAs) on the scope of information to be included within the environmental assessment. This Report is the result of this process.

## The Cairngorms National Park

The Cairngorms National Park was designated in 2003 by the Scottish Parliament because it satisfied the conditions for a National Park as set out in the National Parks (Scotland) Act 2000.

The National Park is the UK's largest, with a total land area of some 4,528km<sup>2</sup>. Dominated by mountain plateau, it bastes extensive moorland, forest and straths and is home to around 25% of the UK's threatened bird, animal and plant species. Approximately 18,000 people live in the National Park and it welcomes around 1.4 million visitors each year.

The general purpose of the National Park Authority (NPA), as set out in the 2000 Act, is to ensure that the National Park aims are collectively achieved in a co-ordinated way. The CNPA is therefore an enabling organisation that must work with and through other bodies to bring added value to the management of the National Park, to achieve the four aims.

### The aims of the National Park are:

- to conserve and enhance the natural and cultural heritage of the area;
- to promote sustainable use of the natural resources of the area;
- to promote understanding and enjoyment (including enjoyment in the form of recreation) of the special qualities of the area by the public;
- to promote sustainable economic and social development of the area's communities.

If it appears to the authority that there is conflict between the first aim and the others, the first aim must be given greater weight.

### Glenmore and Cairngorm Strategy

Cairngorm and Glenmore are together an iconic destination at the heart of the Cairngorms National Park. Together with neighbouring Rothiemurchus, this area attracts 40% of all visitors to the National Park. Owned on behalf of the people of

Scotland, the Cairngorm Estate is managed by Highlands and Islands Enterprise and the National Forest Estate managed by Forest Enterprise Scotland, public bodies formed a partnership in 2014 to collaborate on the long-term management of this significant area of land.

The purpose of the Partnership is to collaborate in the strategic management of these land holdings in order to deliver:

- An exceptionally high quality natural environment
- A world-class visitor experience
- An economic asset contributing to the economy of the National Park and Scotland
- Engaged business and community stakeholders
- Efficient and effective public service delivery

This area is central to the identity of the Cairngorms as well as the local economy. There is a long history of debate and reports written about the area and distinct phases of development creating what we have today. It is a special place, but the results of some

previous decisions made in the absence of an overall strategy over the decades are evident in the current visitor experience.

There is an obligation to ensure those with an interest in the area are not only conserving but actively enhancing the conservation value, with Cairngorm and Glenmore sitting at the heart of some of Scotland's most important nature conservation sites, an expanding forest network and the country's most extensive montane plateau, all in the context of a destination central to the local economy.

The public land holding has also changed since the Forestry Commission made its first acquisition in Strathspey when the Glenmore estate was purchased in 1923. The property was divided in the 1970s with a sale to the Highlands and Islands Development Board, now Highlands and Islands Enterprise, and subsequent transaction returning part to the Forestry Commission in the 1990s. More recently in 2014 Forestry Commission acquired the Upper Rothiemurchus pinewoods.

To make the most of this place for people and nature a long term strategy that guides future management is needed. It is not intended that the Strategy set out a blueprint but it can lay firm foundations that will help ensure the multiple organisations involved in managing this area co-ordinate plans, decisions and investment with a common sense of purpose and direction.

Below the Strategy sit three management plans:

- Glenmore Visitor Improvement Plan;
- Cairngorm Estate Management Plan;
- and
- Cairngorm Mountain Development Plan.

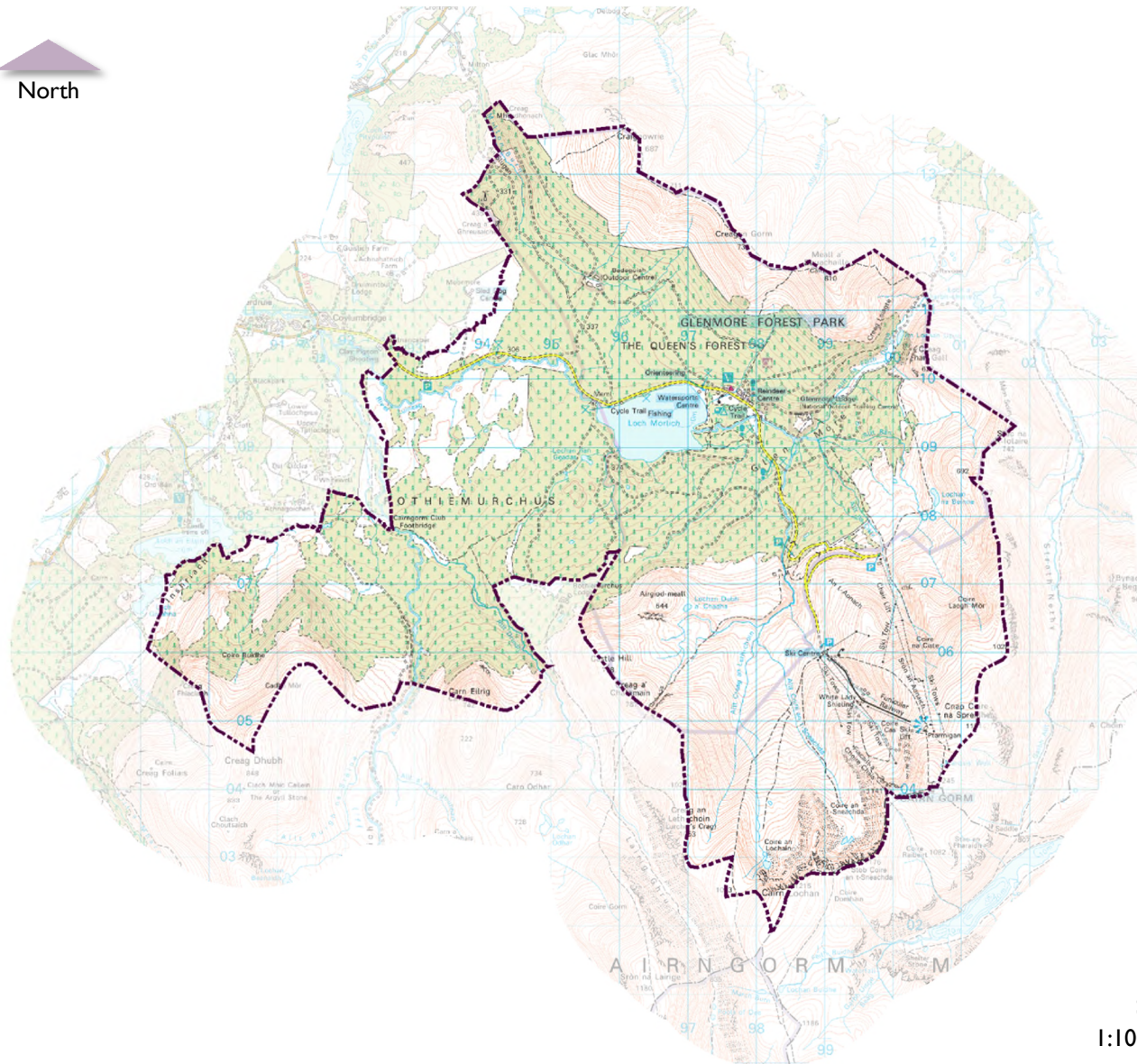
The aims, objectives and proposals of all are directed by the Glenmore and Cairngorm Strategy and all will be subject to this SEA process.

The key facts relating to the proposed Strategy are set out in **Table I**.

Table 1 Key Facts about the Strategy.

<b>Responsible Authority</b>	Cairngorms National Park Authority (on behalf of Highlands and Islands Enterprise, Forestry Commission Scotland, Scottish Natural Heritage and the Highland Council).
<b>Title of PPS</b>	Glenmore and Cairngorm Strategy.
<b>Purpose of PPS</b>	To set out a long term strategy for the collaborative management of the publicly owned land at Cairngorm and Glenmore.
<b>What prompted the PPS?</b>	The establishment of the Cairngorm and Glenmore Partnership.
<b>Subject</b> (e.g. Planning, transport etc)	Long term spatial and management planning to deliver conservation, visitor experience and rural development goals.
<b>Summary of the nature / content of PPS</b>	Overarching direction, aim, objectives and goals to guide management and future development of the land holdings including a high level spatial plan.
<b>Period Covered by PPS</b>	5 to 10 years.
<b>Frequency of Updates</b>	5 yearly.
<b>Area covered by PPS</b>	Approximately 74km <sup>2</sup>
<b>Map included?</b>	A map of the area is provided on page 9.
<b>Are there any proposed PPS objectives</b>	A summary of the context of the Glenmore and Cairngorm Strategy is provided in Appendix 5.





## Map of PPS Area

Figure 2 Area covered by the PPS.

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Scale:  
1:100,000



## Policy Context

*“A plan or programme may be influenced in various ways by other plans or programmes, or by external environmental protection objectives such as those laid down in policies or legislation. These relationships enable the Responsible Authority to take advantage of potential synergies and to deal with any inconsistencies and constraints.”*

A Practical Guide to the SEA Directive  
(ODPM, 2005)

The Glenmore and Cairngorm Strategy must have appropriate regard to a wide range of national and international laws, policy and strategy. A review of Plans, Programmes and Strategies (PPS) has therefore been conducted in accordance with the Scottish Government’s SEA Guidance (2013) and the ODPM Guidance on SEA (2005). This is an important part of the SEA process as it ensures the work is consistent with up to date policy, is informed by robust information and also

helps in the process of identifying environmental issues, which are discussed further under the Baseline section of this report (p. 11).

### Review Findings

A preliminary review of all the PPSs considered is presented in **Appendix I**. The PPSs are categorised according to their international, national and local scales and are accompanied by information on their purpose, relationship with the Strategy and the SEA Issue they relate to.

The SEA Environmental Report will need to consider the PPSs that are active at the time of writing and therefore this aspect of the SEA process will be kept under continual review.

## Baseline

*“Baseline information provides the basis for predicting and monitoring environmental effects and helps to identify environmental problems and alternative ways of dealing with them.”*

A Practical Guide to the SEA Directive  
(ODPM, 2005)

The Environmental Assessment (Scotland) Act 2005 requires that information should be provided on the “relevant aspects of the current state of the environment and the likely evolution thereof without implementation of the plan or programme” and “the environmental characteristics of areas likely to be significantly affected”. This section aims to describe the environmental context within which the Glenmore and Cairngorm Strategy operates and the constraints and targets that this context imposes on the Strategy.

Baseline information serves two purposes, it helps to identify the issues on which the SEA should focus, and provides a

benchmark against which the performance of the Plan (and the accuracy of any predictions) can be assessed. As well as showing the current situation the baseline data shows where possible the situation in the past and projections for the future, in order to indicate trends. It is important to recognise that where information on trends is available, the extrapolation of trends into the future can change in response to changes in legislation or other interventions.

An environmental baseline for the area potentially affected by the Glenmore and Cairngorm Strategy is presented in **Appendix 2** of this report. The baseline is presented using a topic based approach, which reflects the Issues set out within Schedule 3 of the 2005 Act:

- Topic 1: Climatic Factors (p. 59);
- Topic 2: Air (p. 67);
- Topic 3: Water (p. 71);
- Topic 4: Soil (p. 80);
- Topic 5: Material Assets (p. 90);

- Topic 6: Biodiversity, Fauna and Flora (p. 99);
- Topic 7: Landscape and Cultural Heritage ( p. 144); and
- Topic 8: Population and Human Health (p. 157).

While it is recognised that all topics will inter-relate to some degree, it is beyond the scope of this assessment to describe them all in full detail. However, the report does highlight important inter-relationship where they exist and describes their effects under the most relevant topic.

A summary of the baseline may be found in **Table 2**.

## Summary of the Environmental Baseline and Main Issues

Table 2 Summary of baseline information and main issues; see Appendix 2 for full details.

SEA Topic	Summary of environmental baseline
<b>Climatic Factors</b>	<ul style="list-style-type: none"> <li>➤ Historic trends show an increase in minimum and maximum temperatures and rainfall and a reduction in the number of days of frost.</li> <li>➤ Climate change projections offer a central estimate of a:               <ul style="list-style-type: none"> <li>➤ 2.4°C increase in mean annual temperature,</li> <li>➤ 2.7°C increase in mean summer temperature,</li> <li>➤ 2.1°C increase in mean winter temperature,</li> <li>➤ 0.07% increase in mean annual precipitation, but with a</li> <li>➤ 13.5% decrease in mean summer precipitation, and a</li> <li>➤ 2% decrease in mean winter precipitation.</li> </ul> </li> <li>➤ Per capita carbon emissions in the form of CO<sub>2</sub> are estimated to have decreased from 10.8 tonnes in 2006 to 8.9 tonnes to 2012.</li> </ul>
<b>Air</b>	<ul style="list-style-type: none"> <li>➤ Air quality is relatively high within the Glenmore and Cairngorm area.</li> <li>➤ No Air Quality Management Areas within the close proximity of the area.</li> <li>➤ Most air pollution associated with transport, with emissions of PM<sub>10</sub> and NO<sub>2</sub> highest along the National Park's main roads, with the A9 being the greatest contributor.</li> </ul>
<b>Water</b>	<ul style="list-style-type: none"> <li>➤ The Glenmore and Cairngorm area falls within the River Spey Catchment Area.</li> <li>➤ The River Spey's water quality is relatively high within National Park.</li> <li>➤ In 2013 the overall status of the River Spey's waterbodies within and overlapping the Cairngorms National Park was:               <ul style="list-style-type: none"> <li>➤ 6.7% High,</li> <li>➤ 48% Good,</li> <li>➤ 26.7% Moderate,</li> <li>➤ 17.3% Poor, and</li> <li>➤ 1.3% Bad.</li> </ul> </li> <li>➤ 2013 saw:</li> </ul>

SEA Topic	Summary of environmental baseline
	<ul style="list-style-type: none"> <li>➤ 10.7% of waterbodies improve in overall status,</li> <li>➤ 65.3% remain the same, and</li> <li>➤ 24% degraded in overall status.</li> <li>➤ Data from the River Spey indicates a general trend for higher annual maximum instantaneous peak flows.</li> <li>➤ There is insufficient capacity in the water and sewage treatment works that serve the Glenmore and Cairngorm Area to meet the projected level of housing growth over the next 25 years.</li> <li>➤ Flood risk: there are six proposed Potentially Vulnerable Areas (PVAs) within the River Spey Catchment Area in the National Park. The estimated total average annual cost of damage in these areas is £490,000.</li> </ul>
<b>Soil</b>	<ul style="list-style-type: none"> <li>➤ The Cairngorms National Park does not contain any mapped areas of Prime Agricultural Land.</li> <li>➤ Around 1,700km<sup>2</sup> of peat soils within the National Park.</li> <li>➤ Soil erosion represents a risk to soils with high organic content (such as peat) over large areas of the National Park.</li> </ul>
<b>Material Assets</b>	<ul style="list-style-type: none"> <li>➤ The Strategy's area falls within the Cairngorms Geological Conservation Review (GCR) site.</li> <li>➤ The Strategy's area's geomorphology has is subject to detailed mapping.</li> <li>➤ Transport infrastructure in the Glenmore and Cairngorm area is very good.</li> <li>➤ Rail use is on the increase, although the reliance on private transport in the local area remains high.</li> </ul>
<b>Biodiversity, Fauna and Flora</b>	<ul style="list-style-type: none"> <li>➤ Cairngorms National Park is home to 25% of the UK's rare animal, insect, lichen, fungi and insect species.</li> <li>➤ There are around 1,200 species considered to be important for nature conservation within the National Park.</li> <li>➤ There are 4 National Nature Reserves (NNRs) within close proximity of the Glenmore and Cairngorms area, covering an area of around 448 km<sup>2</sup>.</li> <li>➤ There are 10 Sites of Special Scientific Interest (SSSIs) within close proximity of the Glenmore and Cairngorms area, covering an area of around 610 km<sup>2</sup>. Of these: <ul style="list-style-type: none"> <li>➤ 4 are Biological SSSIs, covering around 57 km<sup>2</sup>.</li> <li>➤ 6 are Mixed SSSI's, covering an area of around 553 km<sup>2</sup>.</li> </ul> </li> <li>➤ Of the 10 SSSIs, 6 have at least one notifiable feature that is in unfavourable condition.</li> <li>➤ There are 9 sites within the Natura 2000 Network within close proximity to the Glenmore and Cairngorm area . Of these: <ul style="list-style-type: none"> <li>➤ 3 are Special Areas of Conservation (SACs), covering around 641 km<sup>2</sup>.</li> </ul> </li> </ul>

SEA Topic	Summary of environmental baseline
	<ul style="list-style-type: none"> <li>➤ 6 are Special Protection Areas (SPAs), covering an area of around 1,917 km<sup>2</sup>.</li> <li>➤ 2 SACs have at least one notifiable feature that is in unfavourable condition.</li> <li>➤ 1 SAC, namely Kinveachy Forest, has no features in favourable condition.</li> <li>➤ 2 SPAs have at least one notifiable feature that is in unfavourable condition.</li> <li>➤ 1 SPA, namely Craigmore Wood, has no features in favourable condition.</li> <li>➤ The Loch Garten RSPB reserve is the only non-statutory designation in close proximity to Glenmore and Cairngorm.</li> <li>➤ Cairngorms National Park contains the most extensive tracts of Caledonian forest in Britain, with Glenmore Forest being a key site.</li> <li>➤ Around 32 km<sup>2</sup> of the Glenmore and Cairngorms area's woodlands are identified as being ancient according to SNH's Ancient Woodland Inventory.</li> <li>➤ Around 12.5 km<sup>2</sup> of this has also been identified as being semi-natural.</li> <li>➤ Caledonian Pinewood is at threat from habitat loss lack of regeneration, limited deadwood and poor structural diversity.</li> <li>➤ Capercaillie populations in Scotland have declined significantly from an estimated 20,000 birds in 1970 to around 1,285 at the most recent national winter survey in 2009/10.</li> <li>➤ The Cairngorms National Park's forests hold a significant proportion of the national Capercaillie population – at least 75% of the national number of lekking males, with the majority in Strathspey.</li> <li>➤ The Strathspey capercaillie population is crucial to the long-term survival of the species in the UK.</li> <li>➤ The Cairngorms National Park's forests are one of the last strongholds for red squirrel and Scottish Wildcat in the UK.</li> <li>➤ Rivers and lochs and the species they support have been affected by large scale impoundments which have a hydrological impact but also affect sediment dynamics, barriers to fish passage, diffuse and point source pollution and invasive species.</li> <li>➤ The freshwater pearl mussel is declining dramatically throughout its range, including in the River Spey. Mussel populations have been affected by multiple issues, including wildlife crime, habitat degradation and declining water quality.</li> <li>➤ The Cairngorms Mountains support a rich arctic montane flora.</li> <li>➤ Montane and moorland habitat under threat from climate change, trampling, erosion and disturbance.</li> <li>➤ Upland heathland under threat from drainage issues.</li> </ul>

SEA Topic	Summary of environmental baseline
	<ul style="list-style-type: none"> <li>➤ Blanket bog under threat from erosion, which is likely to be a significant cause of carbon emissions.</li> <li>➤ Montane scrub is under threat from overgrazing and burning.</li> </ul>
<b>Landscape and Cultural Heritage</b>	<ul style="list-style-type: none"> <li>➤ At 4,528 square kilometres, and comprising 6% of Scotland’s land area, the Cairngorms National Park is the UK’s largest protected landscape.</li> <li>➤ The Glenmore and Cairngorm area is located within the Cairngorm Mountain National Scenic Area (NSA).</li> <li>➤ Glenmore and Cairngorm occupy one of the National Park’s best known landscapes, being the gateway for many into the area’s forests and mountains.</li> <li>➤ Around 21 km<sup>2</sup> of the Glenmore and Cairngorm area has been identified as ‘wild land’.</li> <li>➤ There are around 370 Gaelic and 5,400 Scots speakers living in the National Park.</li> </ul>
<b>Population and Human Health</b>	<ul style="list-style-type: none"> <li>➤ In 2013, the population of the National Park was estimated to be 18,420, with 9,113 males and 9,307 females.</li> <li>➤ The National Park has a relatively high proportion of people within the 10 to 29 and 55 to 74 age cohorts.</li> <li>➤ National Park has a working age population of 10,909 people (51.9% of total population), with 5,666 males and 5,243 females.</li> <li>➤ Those of pensionable age numbered 4,539 (24.6% of total population) with 1,911 males and 2,628 females.</li> <li>➤ Since 2001, the National Park has experienced a significant net increase in its resident population, rising by approximately 2,087 persons (a growth of 12.8%).</li> <li>➤ Greatest rate of population growth occurred in Aviemore, which increased by around 972 people since 2001.</li> <li>➤ Population projections for the National Park estimate that between 2012 and 2037, the population is projected to rise from 17,540 to 17,660 (an increase of around 1%).</li> <li>➤ Over the projection period: <ul style="list-style-type: none"> <li>➤ Number of children aged under 16 are projected to decrease by 15% from 2012 to 2,460.</li> <li>➤ The working age population is projected to decrease by 4% from 10,350 to 9,910.</li> <li>➤ People of pensionable age are projected to rise by 23% from 4,300 to 5,290.</li> </ul> </li> <li>➤ Projections suggest that households are set to increase from 7,870 in 2012 to 8,780 in 2037, an increase of 12%.</li> <li>➤ The average household size is projected to fall from 2.15 people in 2012 to 1.93 people in 2037.</li> <li>➤ The Local Development Plan (LDP) identifies land for around 2,000 new dwellings to be delivered over the next 30</li> </ul>

SEA Topic	Summary of environmental baseline
	<p>years within 10 km of the Glenmore and Cairngorm area.</p> <ul style="list-style-type: none"> <li>➤ In 2013 the estimated population of the Glenmore area was 1,089, with 575 males and 514 females.</li> <li>➤ The area has a significantly higher proportion of people falling within the 20 to 34 age cohorts, notably among males</li> <li>➤ Mid-Year estimates suggest that between 2001 and 2013, the area's population of saw a net grown of around 140 individuals (13%).</li> <li>➤ Around 84.3 of the area's 16+ Census population had NVQ1 level and above (CNP 76.8%; Scotland 73.2%), and around 36.6% had NVQ4 and above (30.8%; Scotland 26.1%).</li> <li>➤ Around 96% of people in the area classed as being economically active were in employment in 2011, which is slightly higher than the Scottish level of 91.9%.</li> <li>➤ The level of full time (77.3%) and part time (22.7%) employee jobs in the area (excludes self-employed, government, trainees and HM Forces), which is a higher level of full time employment than across either the CNP or Scotland as a whole.</li> <li>➤ Unemployment levels are low in the area and generally consistent with the situation across the National Park.</li> <li>➤ Gross median wage is likely to be relatively low in the area, but gross household income is above the Scottish median.</li> <li>➤ Estimated life expectancy of the area is 79.2 for males and 82.6 for females.</li> <li>➤ Low levels of people with long term health problems or disabilities and high levels of people with good health within the area and National Park as a whole.</li> <li>➤ Extensive public footpath network, including 1,073km of Core Path across the whole National Park.</li> <li>➤ Glenmore and Cairngorms are popular tourist destinations and attract around 1,000,000 per year.</li> </ul>

## Scoping of SEA Topics

Based on an understanding of the purpose of the Glenmore and Cairngorm Strategy and an appraisal of the Policy Context (p. 10) and baseline information (p. 11), **Table 3** outlines why individual SEA topics have been scoped in (✓) or out (✗) of the assessment.

Table 3 Scope of the SEA.

SEA Topic	Scoped in?	Rationale for Decision
<b>Climatic Factors</b>	✓	Climate change is an issue that should be an integral consideration for all PPS that have a spatial element. The Strategy could have a negative effect on the topic if policy decisions result in an unsustainable development or travel patterns. However, it also has the potential to make a contribution to climate change mitigation targets, as well as providing a platform for the implementation of long term adaptation measures.
<b>Air</b>	✓	Combined, Glenmore and Cairngorm attract around 1,000,000 visitors per year and it is anticipated that this number will rise. Although public transport services the area, many visitors travel to the area by private motor transport. The emission of particulates and other air pollutants from road transport has the potential to have negative effects; similarly there is also the potential to reduce emissions through promoting and supporting sustainable forms of travel. The impact of the dualling of the A9 also needs to be given consideration.
<b>Water</b>	✓	The Strategy's area is located within the River Spey Catchment Area, a river system of generally high water quality. The Strategy has the potential to effect water quality and quantity, drainage, flooding and morphology. Opportunity exists to enhance water quality through spatial planning, infrastructure investment and land management.



SEA Topic	Scoped in?	Rationale for Decision
<b>Soil</b>	✓	The Strategy may have an effect on soil through the re-configuration and location of facilities within its area. Soil sealing as a result and of construction and soil erosion as a result of deforestation and the inappropriate management of uplands are all possible. Soil erosion may also result in negative effects on the River Spey, as it can result in the contamination of waterbodies and the loss of organic matter and biodiversity.
<b>Material Assets</b>	✓	The National Park's aim "to promote sustainable use of the natural resources of the area" means that the Strategy should attempt to result in positive effects on this topic. However the Strategy's area forms part of the Cairngorms GCR site and therefore care needs to be taken in minimising any negative effects to the area's geodiversity.
<b>Biodiversity, Fauna and Flora</b>	✓	The Glenmore and Cairngorm area is protected as part of numerous national and international nature conservation designations. The area is therefore highly sensitive and great care will need to be taken to ensure that the Strategy's proposals do not have any negative effects on the area's biodiversity. Overall, the National Park's aim "to conserve and enhance the natural and cultural heritage of the area," should mean that the Strategy will attempt to result in positive effects on this topic.
<b>Landscape and Cultural Heritage</b>	✓	The Glenmore and Cairngorm area forms part of one of the National Park's most distinctive and best loved landscapes. This has long been recognised by its inclusion within the Cairngorm Mountains NSA. The Strategy has the potential to generate both negative and positive effects on cultural heritage, depending on a number of factors, including tourism, the economy and spatial planning. Overall the National Park's aim "to conserve and enhance the natural and cultural heritage of the area," should mean that the Strategy will attempt to result in positive effects on this topic.
<b>Population and Human Health</b>	✓	The National Park's aims to "promote sustainable economic and social development of the area's communities" and "promote understanding and enjoyment (including enjoyment in the form of recreation) of the special qualities of the area by the public" means that the Plan should attempt to result in positive effects on this topic. However, the Strategy has the potential to generate both positive and negative effects on people and their health, which has strong interrelationships with other topics.

## Methodology

### Proposed SEA Objectives

*“The review of relevant environmental objectives can be used to construct a framework of objectives against which a plan can be assessed. This can identify whether a plan supports wider environmental objectives or whether there are any environmental gaps.”*

SEA Guidance  
(Scottish Government, 2013)

This section of the Scoping Report sets out the CNPA’s proposed approach to assessment of the Glenmore and Cairngorm Strategy.

Proposed SEA Objectives have been developed as a result of the review of PPS (**Policy Context**, p. 10) and baseline information (**Baseline**, p. 11). Identifying objectives is an important part of the SEA process as these will be used as the primary tool for testing the emerging Strategy to

ensure it will not result in any significant environmental effects.

The proposed SEA Objectives are thematically based and are designed to cover the environmental assets that the Plan could potentially affect. It is important to recognise that environmental effects are rarely confined to a single a single issue, therefore it has been highlighted where significant inter-relationships occur. The SEA Objectives proposed here therefore represent the scope of the assessment that will be undertaken to identify potential environmental effects of the Strategy.

It is important that the assessment process is proportional, practical and manageable. Consequently, the assessment process will utilise the ‘main’ SEA Objectives, but take account of the SEA Sub-Objectives. This distinction is important to ensure the assessment work is practical and achievable. It should also be noted that not all SEA Sub-Objectives will not be relevant to every

aspect of the Plan. Therefore, in the interest of proportionality, where they are not relevant, they will not be considered as part of the assessment process.

The Objectives and their relationship with the SEA Issues identified for the National Park are outlined in **Table 4**, along with any associated sub objectives. The main objectives have been tested for their compatibility with one another, the findings of which can be found in the section on the **Compatibility of Objectives** (p. 26). The framework in which they will be utilised is set out on page 28.

Table 4 Proposed SEA Objectives.

SEA Topic	No.	SEA Objective	SEA Sub-Objectives	Inter-relationships
<b>Climatic Factors</b>	Ia	Reduce greenhouse gas emissions	<ul style="list-style-type: none"> <li>➤ Reduce the emissions of greenhouse gases with particular focus on emissions from buildings, transport, energy generation and industry (especially CO<sub>2</sub>).</li> <li>➤ Encourage energy conservation and higher energy efficiency.</li> <li>➤ Encourage investment in cleaner technologies.</li> <li>➤ Support investment in suitable renewable energy sources.</li> <li>➤ Decouple increase in GDP and greenhouse gas emissions</li> <li>➤ Encourage the appropriate local sourcing of materials, resources and food produce.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Air</li> <li>➤ Water</li> <li>➤ Soil</li> <li>➤ Material Assets</li> <li>➤ Population and Human health</li> </ul>
	Ib	Increase resilience to the effects of climate change	<ul style="list-style-type: none"> <li>➤ Ensure that new development is appropriately located, having considered the potential effects of future climate conditions.</li> <li>➤ Ensure infrastructure and buildings are designed to cope with future climate conditions.</li> <li>➤ Encourage climate change adaptation through green infrastructure.</li> <li>➤ Encourage existing infrastructure and buildings to adapt to cope with future climate conditions.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Water</li> <li>➤ Soil</li> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Population and Human health</li> </ul>

SEA Topic	No.	SEA Objective	SEA Sub-Objectives	Inter-relationships
Air	2	Protect and enhance air quality	<ul style="list-style-type: none"> <li>➤ Reduce levels of the UK National Air Quality pollutants (e.g. NO<sub>2</sub>, PM<sub>10</sub>, SO<sub>2</sub>).</li> <li>➤ Reduce levels of ground-level ozone (O<sub>3</sub>).</li> <li>➤ Reduce the need for travel, through appropriate siting of new developments and provision of public infrastructure.</li> <li>➤ Reduce negative effects of power generation, industry and transport on local air quality.</li> <li>➤ Contribute towards reducing levels of stratospheric ozone depletions.</li> <li>➤ Encourage appropriate cleaner technology for power generation, industry and transport.</li> <li>➤ Reduce levels of acid deposition.</li> <li>➤ Reduce levels of ammonia deposition.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Water</li> <li>➤ Soil</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Population and Human health</li> </ul>
Water	3a	Reduce flood risk	<ul style="list-style-type: none"> <li>➤ Safeguard the functional floodplain.</li> <li>➤ Encourage the restoration of a natural flood regime.</li> <li>➤ Ensure new development is not located in areas of high or medium flood risk.</li> <li>➤ Ensure new development does not increase flood risk on site or elsewhere.</li> <li>➤ Increase the use of sustainable drainage systems (SuDS) in both new and refurbished developments.</li> <li>➤ Avoid loss of soils to non-permeable surfaces.</li> <li>➤ Reduce reliance on flood mitigation and hard engineered solutions.</li> <li>➤ Increase provision to manage stormwater.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Soil</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Population and Human health</li> </ul>
	3b	Maintain and improve the quality of water resources	<ul style="list-style-type: none"> <li>➤ Ensure the water quality of rivers, lochs and ground-water is maintained or improved.</li> <li>➤ Maintain and improve the ability of river catchments to store water.</li> <li>➤ Conserve public water supply.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Soil</li> <li>➤ Material Assets</li> <li>➤ Biodiversity, Fauna</li> </ul>

SEA Topic	No.	SEA Objective	SEA Sub-Objectives	Inter-relationships
			<ul style="list-style-type: none"> <li>➤ Reduce demand for water and minimise unnecessary water use.</li> <li>➤ Reduce diffuse pollution from urban and rural areas.</li> <li>➤ Limit land use related pollution (particularly nitrates) on water resources.</li> </ul>	<p>and Flora</p> <ul style="list-style-type: none"> <li>➤ Population and Human health</li> </ul>
<b>Soil</b>	4	Minimise contamination and safeguard and improve soil and peat quality.	<ul style="list-style-type: none"> <li>➤ Maintain or improve the productive capacity of soils.</li> <li>➤ Maintain or improve the ability of farmland in the Park to sustainably produce high quality local and seasonal food.</li> <li>➤ Avoid increased diffuse pollution, particularly SO<sub>2</sub> and NO<sub>2</sub> emissions and nitrate pollution from agriculture and other economic activities.</li> <li>➤ Protect and enhance soil quantity (including non-chemical soil functions and processes such as permeability) and quantity, especially of carbon rich soils.</li> <li>➤ Maintain or improve the carbon storage capacity of peat and soils.</li> <li>➤ Avoid and reduce contamination of soils.</li> <li>➤ Promote the regeneration and redevelopment of brownfield and contaminated land.</li> <li>➤ Take account of soil function.</li> <li>➤ Minimise soil erosion.</li> <li>➤ Minimise soil sealing.</li> <li>➤ Minimise soil compaction.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Water</li> <li>➤ Material Assets</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Population and Human health</li> </ul>

SEA Topic	No.	SEA Objective	SEA Sub-Objectives	Inter-relationships
Material Assets	5	Encourage the sustainable use and reuse of material assets	<ul style="list-style-type: none"> <li>➤ Promote decoupling of resource use from economic prosperity.</li> <li>➤ Encourage sustainable use of natural resources e.g. water, timber, aggregates.</li> <li>➤ Minimise the use of finite resources and promote higher resource efficiency and the use of secondary and recycled materials.</li> <li>➤ Promote the waste hierarchy of reduce, reuse and recycle.</li> <li>➤ Value, conserve and enhance geodiversity.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Air</li> <li>➤ Water</li> <li>➤ Soil</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Population and Human Health</li> </ul>
	6a	Value, conserve and enhance biodiversity, distinctive wild species and habitats	<ul style="list-style-type: none"> <li>➤ Protect the integrity of European sites, proposed European sites and listed Ramsar sites, and to conserve or, where not at a favourable conservation status, enhance their interest features.</li> <li>➤ Avoid damage or fragmentation of designated sites, habitats and protected species and encourage their enhancement and connection.</li> <li>➤ Conserve and enhance the viability and diversity of distinctive species and habitats and their connectivity.</li> <li>➤ Conserve, enhance and create appropriate wildlife habitats and wider biodiversity within and outwith settlements.</li> <li>➤ Encourage innovative methods of producing biodiversity gain for both new and existing developments.</li> <li>➤ Reduce the ecological footprint of the Cairngorms National Park.</li> <li>➤ Enable people to access and appreciate the Cairngorms National Park's natural heritage.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Air</li> <li>➤ Water</li> <li>➤ Soil</li> <li>➤ Material Assets</li> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Population and Human Health</li> </ul>
	6b	Maintain and improve the sustainable	<ul style="list-style-type: none"> <li>➤ Maintain or improve the carbon storage capacity of woodland.</li> <li>➤ Enhance the ecological functioning of woodland at a landscape scale.</li> <li>➤ Avoid the loss of ancient woodland and veteran trees.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Air</li> <li>➤ Water</li> </ul>

SEA Topic	No.	SEA Objective	SEA Sub-Objectives	Inter-relationships
		management of woodland for multiple benefits	<ul style="list-style-type: none"> <li>➤ Protect and enhance the environmental services woodland provide (e.g. flood alleviation and pollution mitigation).</li> <li>➤ Protect and promote the recreational, cultural, landscape and economic value of woodland.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Soil</li> <li>➤ Material Assets</li> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Population and Human Health</li> </ul>
Landscape and Cultural Heritage	7	Protect and enhance the character, diversity and special qualities of the National Park's landscape	<ul style="list-style-type: none"> <li>➤ Work towards creating landscapes that are ecologically functional.</li> <li>➤ Minimise the loss of wildness.</li> <li>➤ Reduce light pollution.</li> <li>➤ Value, protect and enhance historic and cultural assets.</li> <li>➤ To promote high quality design based on a comprehensive understanding of landscape character and distinctiveness.</li> <li>➤ Protect and enhance townscape and respect the existing pattern, form and setting of settlements.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic Factors</li> <li>➤ Material Assets</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Population and Human health</li> </ul>

SEA Topic	No.	SEA Objective	SEA Sub-Objectives	Inter-relationships
Population and Human Health	8a	Promote opportunities that maximise the health and wellbeing of local people, visitors and communities.	<ul style="list-style-type: none"> <li>➤ Maintain the recreational value of the Cairngorms National Park.</li> <li>➤ Promote and maintain opportunities for people to enjoy physical recreation and lead healthy lifestyles.</li> <li>➤ Encourage walking or cycling as an alternative means of transportation.</li> <li>➤ Empower people to experience, learn about and share the Cairngorms National Park's historic, cultural and natural heritage.</li> <li>➤ Promote the improvement and maintenance of social and physical environments / facilities that provide opportunities to enhance health and wellbeing.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Landscape and Cultural Heritage</li> <li>➤ Population and Human Health</li> </ul>
	8b	Support vibrant, safe and healthy communities.	<ul style="list-style-type: none"> <li>➤ Ensure the population and household growth is accommodated in appropriate locations.</li> <li>➤ Ensure a suitable affordable housing stock is available to meet needs.</li> <li>➤ Promote the design of settlements that improve social fabric by removing barriers and creating opportunities for positive interactions.</li> <li>➤ Promote the inclusion of disadvantaged and minority groups.</li> <li>➤ Redress imbalances of inequality, deprivation and exclusion.</li> <li>➤ Provide easy access to high quality facilities and services.</li> <li>➤ Ensure that adequate healthcare premises are provided throughout the National Park.</li> <li>➤ Reduce burden of ill-health in the population.</li> <li>➤ Reduce the causes of accidents.</li> <li>➤ Ensure the quality of the built environment complements the high quality natural environment.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Climatic factors</li> <li>➤ Air</li> <li>➤ Water</li> <li>➤ Soil</li> <li>➤ Material Assets</li> <li>➤ Biodiversity, Fauna and Flora</li> <li>➤ Population and Human Health</li> </ul>



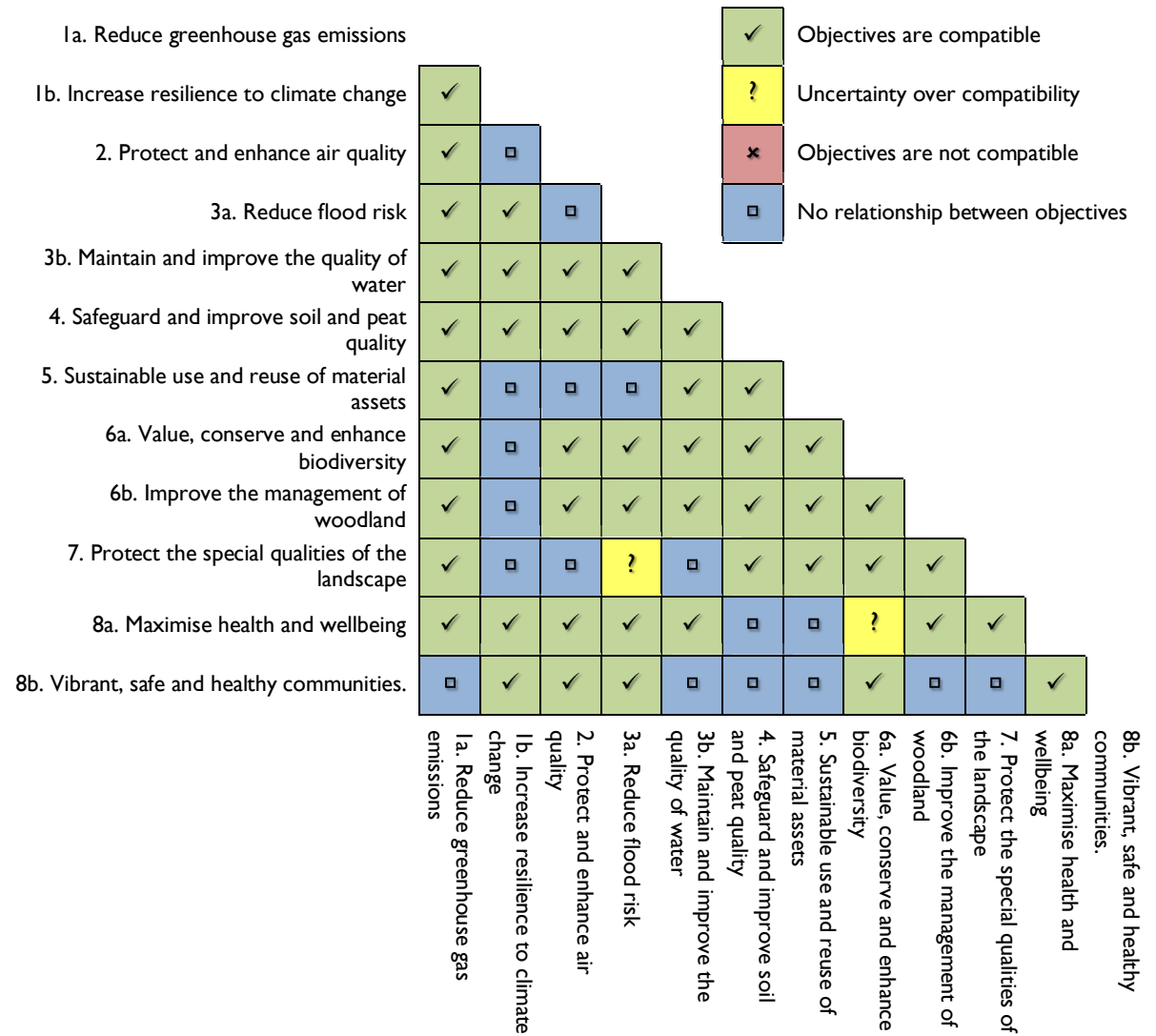
## Compatibility of SEA Objectives

*“It may be useful to test the internal compatibility of the SEA objectives... There may be tensions between objectives that cannot be resolved: the compatibility assessment will clarify these so that subsequent decisions are well based, and mitigation or alternatives can be considered.”*

A Practical Guide to the SEA Directive  
(ODPM, 2005)

The SEA Objectives identified in **Table 3** have been tested for compatibility in accordance with the guidance as set out by the ODPM. A matrix approach has been used which is consistent with this guidance. The results of the compatibility assessment are summarised in **Figure 3**. Only the ‘main’ objectives have been considered as part of the compatibility test, since the sub-objectives effectively feed into these.

Figure 3 Compatibility assessment between SEA objectives (abridged).



As can be seen from **Figure 3**, a large number of the SEA objectives are either compatible with each other, or there is no relationship between them. Where there is no relationship between objectives this means they can be achieved simultaneously without conflict. However, there is uncertainty between the compatibility of some objectives, for example the objectives 3a and 7. This uncertainty will be considered in greater detail in the Environmental Report. Some refining of objectives may be required in the future, for example changes may be required to reflect the views of the Consultation Authorities.

## Proposed Assessment Framework

*“The use of matrices is well established with SEA, offering a reliable approach to undertaking an assessment. Assessment matrices are normally based on objectives, questions or environmental criteria. Scoring systems can be used in matrices to distinguish between the effects of different alternatives.”*

SEA Guidance  
(Scottish Government, 2013)

The proposed assessment framework will test the environmental effects of the Glenmore and Cairngorm Strategy in relation to options and alternatives. This stage of the SEA will involve:

- Predicting the effects of the plan or programme, including alternatives;
- Evaluating the effects of the draft plan or programme, including alternatives;
- Considering ways of mitigating adverse effects; and
- Proposing measures to monitor the environmental and sustainability

effects of plan or programme implementation.

Some of the main components of this stage will utilise a judgement system which is both transparent and auditable. This also provides a more scientific approach to the SEA methodology and helps improve objectivity. An assessment matrix has been designed which utilises the following significance criteria in terms of potential effects:

- temporal scale of effects (short term, medium term or long term);
- permanence (permanent or temporary);
- spatial scale (local, regional, national or international).

An assessment matrix will be generated from the proposed SEA Objectives and used to identify and assess the effects of the Strategy and alternative options. An example assessment matrix is shown by **Table 5**.

The assessment of each element of the Strategy will be reported using symbols

denoting positive, neutral, uncertain or negative effects, supported by evidence and justification on the nature of the effect (**Table 6**). Any uncertainties or assumptions made as part of this process should also be highlighted, along with the need for monitoring, mitigation and enhancement. Summary tables will also be used to present the overall assessment of the plan, to allow the CNPA, Consultation Authorities and other interested parties to understand the effects of proposed measures against all of the SEA Objectives.

It should be stressed that assessment is an iterative and ongoing process. As future stages of the Glenmore and Cairngorm Strategy are developed beyond its consultation draft, so the SEA should be updated and continued to be used to inform the process.

Table 5 The proposed assessment matrix for use in the SEA of the Glenmore and Cairngorm Strategy.

<p><b>SEA Issue / Topic</b>  <i>Insert Issue / Topic title here</i></p> <p><b>SEA Objective(s):</b>  <i>Insert SEA Objective(s) here</i></p> <p><b>Significant Interrelationships</b>  <i>Insert significant relationships with other SEA Issues / Topic here.</i></p> <p><b>Assessor(s):</b>  <i>Insert assessor(s)'s name here.</i></p> <p><b>Date of Assessment:</b>  <i>Insert date(s) of assessment here.</i></p>							
Option	Nature of Effect	Scale	Permanence	Significance			Mitigation and Enhancement
				Short Term	Medium Term	Long Term	
<i>Insert Option title here</i>	<i>Insert a description of the nature of the potential effect the Option will have on the issue against the criteria set out by the SEA Objective, Link to baseline information as necessary.</i>						<i>Insert information on how any potential negative effects will be mitigated or how enhancements will be used to create positive effects.</i>
<p><b>Conclusions:</b>  <i>Insert a summary of the assessment's findings.</i></p>							

Table 6 SEA Assessment Key.

Significance of Effect		Scale and Permanence of Effect	
Option would have a <b>major positive</b> effect in its current form as it would resolve an existing issue or maximise opportunities. <b>SIGNIFICANT.</b>	++	Local (e.g. settlement or community council level)	<b>L</b>
Option would have a <b>minor positive</b> effect.	+	Regional (e.g. National Park or neighbouring LA level)	<b>R</b>
Effect of Option is <b>uncertain.</b>	?	National (i.e. Scotland)	<b>N</b>
Option would have <b>no predicted</b> effects or <b>no site specific</b> effects.	□	International (i.e. trans-national boundary effects)	<b>I</b>
Option would have a <b>minor adverse</b> effect.	-	Permanent	<b>P</b>
The Option would have a <b>major adverse</b> effect as it would substantially exacerbate existing problems. Consider exclusion of option. <b>SIGNIFICANT.</b>	--	Temporary	<b>T</b>

## Alternative Plan Scenarios

*“Only reasonable, realistic and relevant alternatives need to be put forward. It is helpful if they are sufficiently distinct to enable meaningful comparisons to be made of the environmental implications of each.”*

A Practical Guide to the SEA Directive  
(ODPM, 2005)

Part 2 Section 14(2)(b) of the Environmental Assessment (Scotland) Act 2005 requires the Environmental Report to identify, describe and evaluate the likely significant effects on the environment of implementing the plan and reasonable alternatives to the plan, taking into account its objectives and geographical scope. Alternatives considered must be realistic and capable of being implemented. During the development of the Glenmore and Cairngorm Strategy, alternative options will be considered; however, at this stage in the process the Strategy, policies and proposals, as well as any possible

alternatives have not yet been fully identified, but once options and alternatives start to come forward they will be assessed against the SEA Objectives using the methodology outlined in this report.

## Selecting the Preferred Alternative

It is most likely that the preferred alternative to come out of the environmental assessment will be the one that has the potential to achieve the best balance between environmental, social and economic considerations. This option will then undergo a more detailed assessment and evaluation in the Environmental Report.

## Proposed Scope and Level of Detail

*“Proportionate reporting improves transparency, by helping to ensure SEA has a better focus on relevant environmental information and the significant environmental effects.”*

SEA Guidance  
(Scottish Government, 2013)

The SEA will take a proportional approach to assessing the Glenmore and Cairngorm Strategy and will aim to provide the right level of relevant environmental information at the right time. The ‘Spatial Scope’ for the SEA is defined as all of the land within the area covered by the Strategy, and neighbouring areas that share the same landscape character and/or same habitat type. Some effects may be of national or international significance and this will be highlighted where it is the case. The assessment will also consider the temporal nature of an effect, as distinguishing between permanent and temporary effects

is a useful when considering the overall impact of a scenario.

The timeframe for the Glenmore and Cairngorm Strategy is approximately 5-10 years; the SEA will consider the effects of the Plan over this period. However, it will also consider whether or not effects are likely to occur beyond the Plan period, although it will recognise that long term assumptions carry a greater level of uncertainty.

## Predicting the Effects of Implementation

*“The level of significance of environmental effects can be difficult to define, and can be a matter of professional judgement.”*

SEA Guidance  
(Scottish Government, 2013)

Stage B (see **Figure 1**) of the SEA process requires the prediction of the future effects of implementing the Glenmore and Cairngorm Strategy. The purpose of carrying out SEA is to allow the decision maker to make ‘good decisions’ based on

effective predictions, and predicting environmental conditions is a good method of testing our assumptions and guiding decisions. However, predicting future events and environmental conditions will always be difficult and faced with a range of uncertainties, such as those in relation to the delivery and effectiveness of the proposed mitigation and enhancement measures, or in the accuracy of the environmental baseline. For this reason decision makers require information that is sufficiently accurate to allow them to assess the preferred course of action.

In order to avoid or reduce error, it is proposed to follow a range of techniques including:

- Early engagement of key stakeholders and interested parties to help ensure that the right baseline data is collected, and to inform what alternatives and mitigation and enhancement measures are considered;
- Interdisciplinary working to help challenge assumptions and suggest possible solutions;

- Ensure the consideration of all significant impacts;
- Ensure the assessment is carried out by people who have knowledge of the area, the plan, and sustainability issues;
- Apply the precautionary principle i.e. assume that adverse effects will happen and put in place mitigation and enhancement measures to prevent, reduce or offset those potential impacts; and
- Consider cumulative, indirect and long term impacts and carry out a regular review of the data necessary to help identify these impacts.

## Cumulative Effects

*“Many environmental problems result from the accumulation of multiple small and often indirect effects, rather than a few large and obvious ones.”*

A Practical Guide to the SEA Directive  
(ODPM, 2005)

The assessment of cumulative effects is an important part of the SEA process, as the combined impact of various plans and policies can have significant environmental

effects. Due to the geographical scales at which cumulative effects can occur it is considered most appropriate to assess them at the strategic level; however, it should be noted that even at the strategic level it is not always possible to fully measure such effects due to the interdependent and cross boundary nature of some of the impacts.

It is considered that the most appropriate way of testing and assessing the cumulative effects of the Plan is by using the impacts that are arising from the emerging Glenmore and Cairngorm Strategy, along with the impacts identified in the Environmental Reports of those PPS which are applicable to the Cairngorms National Park area and those of neighbouring local authority areas. This approach will assess whether any potential negative environmental effects of the Strategy will be offset by improvements in other areas, and also whether opportunities exist to enhance positive environmental effects through similar actions in other areas.

## Mitigation and Enhancement

*“The 2005 Act states practitioners have to outline ‘the measures envisaged to prevent, reduce and as fully as possible offset any significant adverse effects on the environment of implementing the plan or programme’ within the Environmental Report.”*

SEA Guidance  
(Scottish Government, 2013)

The Environmental Report will propose recommendations for mitigation and enhancement measures to prevent, reduce or offset adverse impacts, and to enhance positive effects that are predicted to arise from the implementation of the Glenmore and Cairngorm Strategy.



## Monitoring

*“...focusing monitoring on the significant environmental effects identified in the assessment is likely to encourage the creation of new monitoring regimes. It is therefore practical to make a clear link between the significant effects predicted within an assessment and the indicators selected to monitor the likely environmental effects.”*

SEA Guidance  
(Scottish Government, 2013)

It is a requirement of the Environmental Assessment (Scotland) Act 2005 that the significant environmental effects of implementing a plan or program are monitored. This environmental monitoring may in turn form part of the monitoring framework for the Strategy itself.

SEA monitoring should be undertaken for the following reasons:

- to identify whether the SEA's predictions of environmental effects were accurate;
- to identify unforeseen adverse effects and to enable appropriate remedial action to be taken;
- to identify whether the plan is contributing to the achievement of SEA Objectives;
- to identify whether mitigation measures are performing as well as expected;
- to identify whether any adverse effects are within acceptable limits or whether remedial action is required;
- to help compile a baseline for future plans and programmes; and
- to provide information for the EIAs of projects.

Ultimately, monitoring should lead to more informed decision-making.

Since SEA monitoring should be based around the significant environmental effects identified during the assessment, it is not possible to produce a monitoring

framework at the Scoping stage. Therefore, proposals for monitoring indicators will be developed iteratively during the assessment of the draft Strategy and confirmed in the final Environmental Report.

## Consultation / Next Steps

*“Consultation with the Consultation Authorities at screening and scoping stages has a statutory duration period of 28 days and five weeks respectively.”*

SEA of Development Plans  
(Scottish Government, 2010)

The SEA Scoping Report will be submitted to the SEA Gateway for consultation with the CAs for a period of 5 weeks between September and October 2015. Following consultation on the Scoping Report, the CNPA will consider any comments received and will amend the SEA work where appropriate. This will take place in the late part of 2015.

The development of the Glenmore and Cairngorm Strategy and its environmental assessment will take place between September 2015 and November 2015.

All documents will be available for inspection in the CNPA’s main office in Grantown-on-Spey and in on its website.

The Strategy and its Environmental Report will be submitted to the SEA Gateway for consultation with the CAs between November and December 2015 for a period of 6 weeks. Following the consultation period, the final Glenmore and Cairngorm Strategy will be produced, building on the feedback from the previous consultation. This process will also be the subject of environmental assessment.

Once the Glenmore and Cairngorm Strategy has been approved by the National Park Board a Post-adoption Statement will be published. The Post-adoption Statement will summarise how the CNPA took the findings of the SEA process into account and how environmental considerations more generally have been integrated into the Glenmore and Cairngorm Strategy. It will also be stated within the Post-adoption Statement if any changes have been made to the Strategy as a result of the SEA process and following responses to consultation. If

changes have been rejected this will also be explained.

It will also be necessary for the CNPA to monitor significant effects following the adoption of the Glenmore and Cairngorm Strategy in accordance with the Scottish Government’s SEA Guidance (2013).

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