

SEA ENVIRONMENTAL REPORT

FOR THE

DRAFT KILLARNEY DESTINATION EXPERIENCE DEVELOPMENT PLAN

for: Fáilte Ireland

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List of Abbreviations

AA	Appropriate Assessment
ACA	Architectural Conservation Area
CFRAM	Catchment Flood Risk Assessment and Management
DEHLG	Department of the Environment, Heritage and Local Government
EIA	Environmental Impact Assessment
EPA	Environmental Protection Agency
EU	European Union
FI	Fáilte Ireland
GSI	Geological Survey of Ireland
HSE	Health Service Executive
IFI	Inland Fisheries Ireland
pNHA	Proposed Natural Heritage Area
NHA	Natural Heritage Area
NPWS	National Parks and Wildlife Service
OPW	Office of Public Works
RMP	Record of Monuments and Places
RPA	Register of Protected Areas
RPS	Record of Protected Structures
RBMP	River Basin Management Plan
SAC	Special Area of Conservation
SEA	Strategic Environmental Assessment
SEO	Strategic Environmental Objective
S.I. No.	Statutory Instrument Number
SPA	Special Protection Area
WFD	Water Framework Directive

Glossary

Appropriate Assessment

The obligation to undertake Appropriate Assessment derives from Article 6(3) and 6(4) of the Habitats Directive 92/43/EEC. AA is a focused and detailed impact assessment of the implications of a strategic action (such as a plan or programme) or project, alone and in combination with other strategic actions and projects, on the integrity of a European Site in view of its conservation objectives.

Biodiversity and Flora and Fauna

Biodiversity is the variability among living organisms from all sources including inter alia, terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are a part; this includes diversity within species, between species and of ecosystems' (United Nations Convention on Biological Diversity 1992).

Flora is all of the plants found in a given area.

Fauna is all of the animals found in a given area.

Environmental Problems

Annex I of Directive 2001/42/EC of the European Parliament and of the Council of Ministers, of 27th June 2001, on the assessment of the effects of certain Plans and programmes on the environment (the Strategic Environmental Assessment Directive) requires that information is provided on 'any existing environmental problems which are relevant to the plan or programme', thus, helping to ensure that the proposed strategic action does not make existing environmental problems worse.

Environmental problems arise where there is a conflict between current environmental conditions and ideal targets. If environmental problems are identified at the outset they can help focus attention on important issues and geographical areas where environmental effects of the plan or programme may be likely.

Environmental Vectors

Environmental vectors are environmental components, such as air, water or soil, through which contaminants or pollutants, which have the potential to cause harm, can be transported so that they come into contact with human beings.

Mitigate

To make or become less severe or harsh.

Mitigation Measures

Mitigation measures are measures envisaged to prevent, reduce and, as fully as possible, offset any significant adverse impacts on the environment of implementing a human action, be it a plan, programme or project. Mitigation involves ameliorating significant negative effects. Where there are significant negative effects, consideration should be given in the first instance to preventing such effects or, where this is not possible, to lessening or offsetting those effects. Mitigation measures can be roughly divided into those that: avoid effects; reduce the magnitude or extent, probability and/or severity of effects; repair effects after they have occurred; and compensate for effects, balancing out negative impacts with other positive ones.

Protected Structure

Protected Structure is the term used in the Planning and Development Act and Regulations (as amended) to define a structure included by a planning authority in its Record of Protected Structures. Such a structure shall not be altered or demolished in whole or part without obtaining planning permission or confirmation from the planning authority that the part of the structure to be altered is not protected.

Recorded Monument

A monument included in the list and marked on the map that comprises the Record of Monuments and Places that is set out county by county under Section 12 of the National Monuments (Amendment) Act, 1994 by the Archaeological Survey of Ireland. The definition includes Zones of Archaeological Potential in towns and all other monuments of archaeological interest that have so far been identified. Any works at or in relation to a recorded monument requires two months' notice to the former Department of the Environment, Heritage and Local Government (now Department of Culture, Heritage and the Gaeltacht) under Section 12 of the National Monuments (Amendment) Act, 1994.

Scoping

Scoping is the process of determining what issues are to be addressed, and setting out a methodology in which to address them in a structured manner appropriate to the plan or programme. Scoping is carried out in consultation with appropriate environmental authorities.

Strategic Actions

Strategic actions include *Policies/Strategies*, which may be considered as inspiration and guidance for action and which set the framework for Plans and programmes; *Plans*, sets of co-ordinated and timed objectives for the implementation of the policy; and *Programmes*, sets of projects in a particular area.

Strategic Environmental Assessment (SEA)

Strategic Environmental Assessment (SEA) is the formal, systematic evaluation of the likely significant environmental effects of implementing a plan or programme before a decision is made to adopt it.

Strategic Environmental Objective (SEO)

Strategic Environmental Objectives (SEOs) are methodological measures developed from policies which generally govern environmental protection objectives established at international, Community or Member State level and are used as standards against which the provisions of the Plan and the alternatives can be evaluated in order to help identify which provisions would be likely to result in significant environmental effects and where such effects would be likely to occur, if - in the case of adverse effects - unmitigated.

Section 1 SEA Introduction and Background

1.1 Introduction and Terms of Reference

This is the Strategic Environmental Assessment (SEA) Environmental Report for the Draft Killarney Destination Experience Development Plan (hereafter referred to as 'the Plan'). It has been undertaken by CAAS Ltd. on behalf of Fáilte Ireland.

1.2 SEA Definition

Environmental assessment is a procedure that ensures that the environmental implications of decisions are taken into account before such decisions are made. *Environmental Impact Assessment*, or EIA, is generally used for describing the process of environmental assessment for individual projects, while *Strategic Environmental Assessment* or SEA is the term that has been given to the environmental assessment of plans and programmes, which help determine the nature and location of individual projects taking place. SEA is a systematic process of predicting and evaluating the likely significant environmental effects of implementing a proposed plan or programme, in order to ensure that these effects are adequately addressed at the earliest appropriate stages of decision-making in tandem with economic, social and other considerations.

1.3 SEA Directive and its transposition into Irish Law

Directive 2001/42/EC of the European Parliament and of the Council of Ministers, of 27th June 2001, on the Assessment of the Effects of Certain Plans and Programmes on the Environment, referred to hereafter as the SEA Directive, introduced the requirement that SEA

be carried out on plans and programmes which are prepared for a number of sectors, including tourism.

The SEA Directive was transposed into Irish Law through the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 (Statutory Instrument Number (S.I. No. 435 of 2004) and the Planning and Development (Strategic Environmental Assessment) Regulations 2004 (S.I. No. 436 of 2004). Both sets of Regulations became operational on 21st July 2004. The Regulations have been amended by the European Communities (Environmental Assessment of Certain Plans and Programmes) (Amendment) Regulations 2011 (S.I. No. 200 of 2011) and the Planning and Development (Strategic Environmental Assessment) (Amendment) Regulations 2011 (S.I. No. 201 of 2011).

1.4 Implications for the Plan

Article 3 para. 2 of the SEA Directive, introduced the requirement that SEA be carried out on plans and programmes, or modifications to these:

- a) which are prepared for agriculture, forestry, fisheries, energy, industry, transport, waste management, water management, telecommunications, tourism, town and country planning or land use and which set the framework for future development consent of projects listed in Annexes I and II to the EIA Directive¹, or
- b) which, in view of the likely effect on sites, have been determined to require an assessment pursuant to Article 6 or 7 of the Habitats Directive² i.e., the Directive requires that SEA is undertaken where Stage 2 Appropriate Assessment (AA)³ is being undertaken on plans, programmes etc.

¹ Directive 2011/92/EU of the European Parliament and of the Council of 13 December 2011, on the assessment of the effects of certain public and private projects on the environment (codification)

² Council Directive 92/43/EEC on the Conservation of natural habitats and of wild fauna and flora

³ AA is provided for by the Habitats Directive and is a focused and detailed impact assessment of the implications of a strategic action or project, alone and in combination

The tourism sector Plan does not contribute towards the framework for future development consent of projects listed in Annexes I and II to the EIA Directive and does not contain provisions or define rules that must be complied with when administrative consent of other projects is being granted.

The Plan does, however, fall under the definition of a "plan" contained within the Birds and Natural Habitats Regulations 2011 (as amended) and therefore must be screened for the need to undertake AA. The Screening for AA has found that the Plan has the potential, if unmitigated, to affect the ecological integrity of European sites and that measures to ensure that potential effects are avoided are required. Taking into account the requirements of the Habitats Directive and recent case law (including, European Court of Justice Judgement C323-17), Stage 2 AA was therefore carried out for the Plan. As Stage 2 AA was undertaken on the Plan, SEA was also undertaken - see requirement at b) above. An SEA Determination is provided at Appendix I.

This SEA Environmental Report provides the findings of the SEA and should be read in conjunction with the Plan. This report has been placed on public display and will be altered in order to take account of non-material changes that were made to the original Draft Plan on foot of submissions following public display. Fáilte Ireland has taken into account the findings of this report and other related SEA output during their consideration of the Plan and before it is finalised. On finalisation of the Plan, an SEA Statement is prepared that summarises, inter alia, how environmental considerations have been integrated into the Plan.

with other strategic actions and projects, on the integrity of a European site in view of its conservation objectives.

Section 2 The Plan

2.1 Overview

The Draft Killarney Destination Experience Development Plan (KDEDP) is a five-year plan designed to guide tourism through a roadmap of key projects adopted by all stakeholders in the pursuit of sustained tourism growth and to build on a new collective vision for tourism in Killarney.

The approach of the Plan is based on enhancing the way, in which visitors experience the town while maximising its role as the principal exploration base for the wider Kerry tourism economy. Central to the development theme will be the adoption of a responsible approach to how the town integrates with its natural assets in creating new and motivational town experiences for visitors.

The plan will build upon and extend the existing culture and heritage of Killarney through the creation of cultural quarters. It will create defined linkages between areas of historic and cultural significance while blending Killarney National Park into the core town experience.

The vision for KDEDP supports universal access throughout the town core, the transition from car predominance to pedestrian priority and provide for low carbon mobility solutions within the town core area. It will replicate and build upon the environmental value of the UNESCO Biosphere and the National Park and adjoining areas. The ambition is to deliver a sustainable tourism destination combining world leading outdoor experiences, accessible from a town rich with cultural experiences. It will encourage visitors to stay longer in the destination and adopt Killarney as a base to explore the Wild Atlantic Way and the extended Kerry visitor experience.

The challenge is to deliver enough memorable moments that will inspire visitors to share their experience and also encourage them to return, while providing the tourism industry with a central focus for experience development. The new destination ambition will be realised by maximising the opportunities presented by its natural and built heritage and cultural assets to develop a world class tourism destination.

The historical engagement of the town with Killarney National Park has laid the foundations in creating one of the country's leading tourism

economies. Increased connectivity, innovation and new approaches to experience development are now required to further integrate the natural and urban assets. This will be achieved through a new focus on the collective town experience and an accessible range of outdoor experiences delivered by a world class tourism industry.

The purpose of the Plan is to present the destination development themes organised into an experience development framework to be adopted as a destination action plan for the next five years. This framework will provide the context for tourism operators and stakeholders to work in partnership, create new and improve existing visitor experiences, and communicate coherent and unified stories to the visitor.

The Plan objectives are to:

- Deliver the vision for Killarney in becoming a world class destination strongly differentiated through the integration of its stunning natural environment with a quality urban experience.
- Provide a short, medium to long term focus for post COVID-19 recovery while building resilience in the long term through a new strategic destination development approach.
- Develop a coherent destination brand approach communicating the Killarney visitor experience, building on the essence of the place, its people and status as a base and access point to the Wild Atlantic Way.
- Grow the economic impact of tourism activity through season extension and extending the length of stay in Killarney.
- Leverage the visitor potential of Killarney National Park and the uniqueness of the urban and outdoor experience proposition as a key USP for domestic and international visitors.
- Develop a coherent visitor experience pathway that aligns all members of the tourism industry to deliver great Killarney experiences and ensuring consistency across the destination.
- Maximise the Wild Atlantic Way opportunity for Killarney and the positioning of the town as a key exploration base for the wider Kerry visitor experience.
- Promote tourism vibrancy throughout the town through enhanced visitor flow and orientation throughout the town, its facilities and surrounding amenities.
- Address the challenges of evening economy provision while increasing the range of things to do during the day.
- Maximise the capacity of the town as a leading business tourism/MICE destination.
- Develop the opportunity for the destination through the hosting of leisure and business events.
- Work with the tourism industry to improve their capacity to deliver new and enhanced experiences and product/experience knowledge within the destination.

- Protect, sustain and enhance the natural environment of the Plan area.
- Develop Killarney as a tourism destination that is "accessible for all".
- Contribute to sustainable destination development through the adoption of the VICE model as international best practice proactively embraced by all stakeholders.

In order to achieve the objectives of the KDEDP, the development framework is structured around **interdependent layers of activity**, including:

- Strategic Development Pillars - Creating the conditions for Experience Development (Developing New Experiences);
- Achieving the vision through Catalyst Projects (Transformational); and
- Destination Projects - (Developing the Core Visitor Experiences).

Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent.

Fáilte Ireland provides funding for sustainable tourism projects that emerge as part of specific, competitive, themed and time-bound grant schemes or as part of wider strategic partnerships. These include projects relating to land use, infrastructural development and land use activities and attractions. Reference made to such projects included in the Plan does not guarantee funding. While funding is provided to certain projects, Fáilte Ireland is not the developer.

In order to achieve funding (including promotion) for land use or infrastructural development or land use activities from Fáilte Ireland, Fáilte Ireland's stakeholders shall be required to demonstrate compliance⁴ with measures relating to sustainable development, environmental protection and environmental management contained within the following Fáilte Ireland published documents:

- Wild Atlantic Way Operational Programme Appendix 5 "Site Maintenance Guidelines" and other relevant measures from the Fáilte Ireland

- visitor and habitat management guidelines series (and any subsequent replacements); and
- Wild Atlantic Way Operational Programme Appendix 6 "Environmental Management for Local Authorities and Others" (and any subsequent replacements).

The Killarney Destination Experience Development Plan is under the **Wild Atlantic Way key proposition**, which is to: *"Experience one of the wildest, most enhancing and culturally rich coastal touring routes in the world. Wherever you travel along the Wild Atlantic Way you'll find magic, adventure, history and beauty in abundance"*.

The Plan's **"Destination Development Focus"** covers two overarching themes, **"Truly Killarney – Killarney Town and Experience"** and **"Outdoor Inspiration – Activity and Adventure"** under which a range of **catalyst projects** have been identified that will contribute to the creation of the in-destination conditions for tourism growth. The catalyst projects reflect the **"Strategic Development Pillars"** that provide the development focus over the next five years.

In achieving the Plan objectives guided through the strategic pillars, each pillar contains a number of **"Destination Projects"**. The strategic development pillars and associated destination projects are as follows:

Pillar One: Destination Competitiveness

- Project 1 – Business Tourism
- Project 2 – Festivals and Events
- Project 3 – Destination Performance

Pillar Two: Destination Brand

- Project 4 - Destination Brand
- Project 5 - Destination Imagery

Pillar Three: Aligning Town and Community

- Project 6 – Re-imaging Urban Spaces (Strand A and Strand B Outdoor Dining)
- Project 7 – Public Realm, Placemaking & Orientation
- Project 8 – Visitor Orientation
- Project 9 – Killarney Retail Experience
- Project 10 - Indoor Tourism Sites

Pillar Four: Killarney Experiences

- Project 11 – Killarney National Park
- Project 12 – Killarney House
- Project 13 – Killarney Arts and Cultural Experiences
- Project 14 – Killarney Food and Drink Experiences
- Project 15 – The Killarney Story
- Project 16 – Digitalisation

Pillar Five: Experience Artisans

⁴ Demonstration of compliance may be supported by monitoring undertaken by the beneficiary.

- Project 17 – Business Capability
- Project 18 – Safe Destination
- Project 19 - Evening Economy
- Project 20 - Sustainable Tourism Destination
- Project 21 – Tourism for All
- Project 22 – Active Travel

The following catalyst projects are designed to deliver destination change and create the platform for tourism growth:

- Town Experience Trails
- National Park
- Outdoor Activity Base
- Business Tourism
- Killarney House and Gardens

2.2 Relationship with other relevant Plans and Programmes

The Killarney Destination Experience Development Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

The National Planning Framework (NPF) sets out Ireland's planning policy direction for the next 22 years. The NPF is to be implemented through Regional Spatial and Economic Strategies (RSESs) and lower tier Development Plans and Local Area Plans. The RSES for the Southern Region (that includes the area to which the Killarney Destination Experience Development Plan relates) sets out objectives relating tourism development, that have been subject to environmental assessment, including those relating to: enhancing provision of tourism and leisure amenity; promoting tourism activity; developing a road network and public transport services, facilitating improved visitor access and longer dwell times; developing walking and cycling trails, opening greater accessibility to the marine and countryside environment by sustainable modes; and facilitating appropriate tourism development, including that relating to greenways, blueways and peatlands. The RSES provides a framework for the review of existing, assessed lower-tier Development Plans and Local Area Plans, which already include various provisions relating to

land use, tourism and infrastructure. Such reviews will also be subject to environmental assessments.

Implementation of the Killarney Destination Experience Development Plan shall be consistent with and conform with the NPF, RSES and lower-tier land use plans, including provisions relating to sustainable development, environmental protection and environmental management that have been integrated into these documents including through SEA and AA processes. In order to be realised, projects included in the Killarney Destination Experience Development Plan (in a similar way to other projects from any other sector) will have to comply, as relevant, with various legislation, policies, plans and programmes (including requirements for lower-tier Appropriate Assessment, Environmental Impact Assessment and other licencing requirements as appropriate) that form the statutory decision-making and consent-granting framework, of which the Killarney Destination Experience Development Plan is not part and does not contribute towards.

Section 3 SEA Methodology

3.1 Introduction to the Iterative Approach

Figure 3.1 provides an overview of the integrated Plan preparation, SEA and Appropriate Assessment (AA) processes. The preparation of the Plan, SEA and AA have taken place concurrently and the findings of the SEA and AA have informed the Plan.

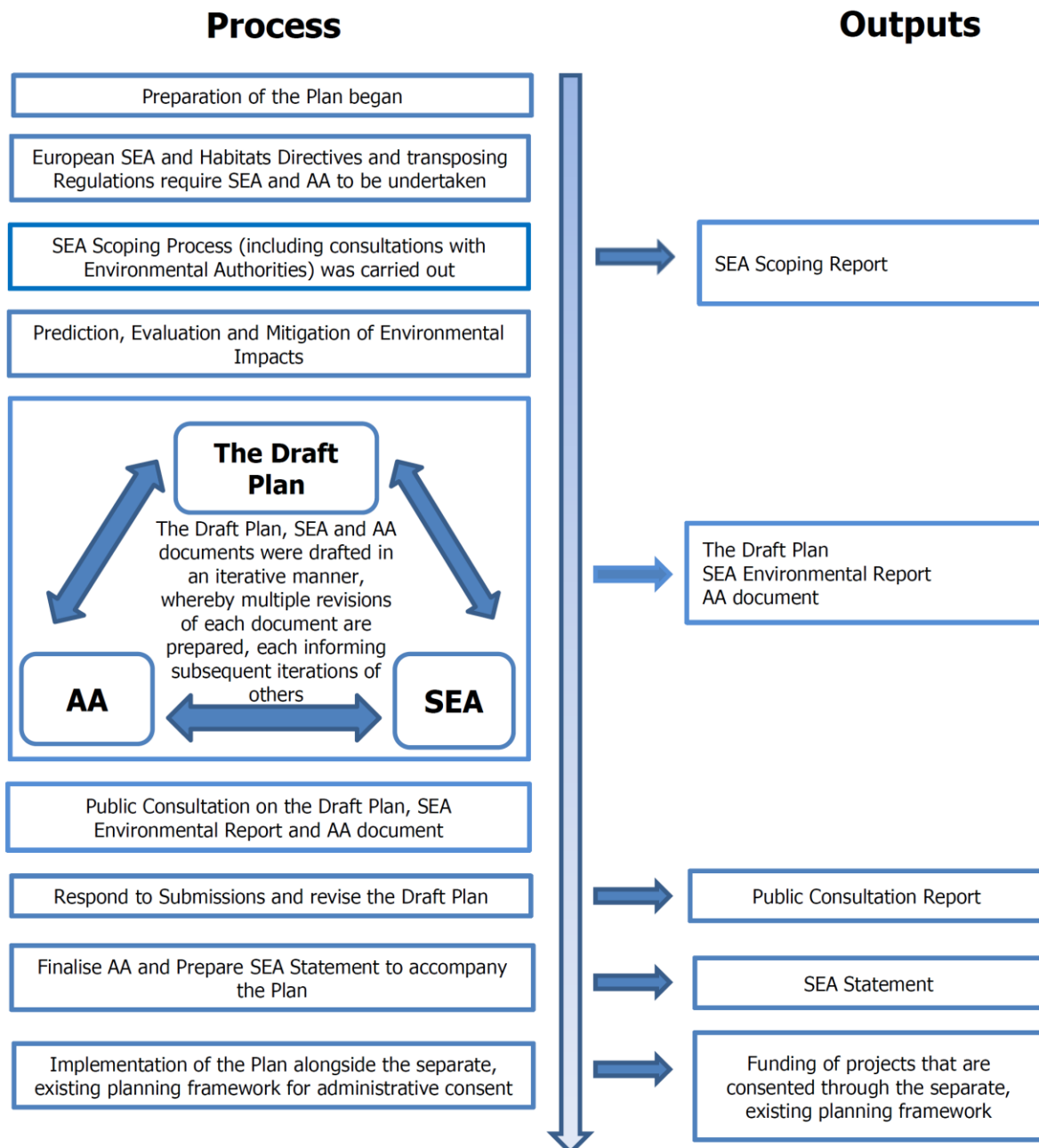


Figure 3.1 Overview of the SEA/AA/Plan-preparation Processes

3.2 Appropriate Assessment and Integrated Biodiversity Impact Assessment

3.2.1 Appropriate Assessment

Stage 2 Appropriate Assessment (AA) has been undertaken alongside preparation of the Plan. The requirement for AA is provided under the EU Habitats Directive (Directive 1992/43/EEC).

The conclusion of the AA is that the Plan will not affect the integrity of the European sites, alone or in combination with other plans or projects.

The preparation of the Plan, SEA and AA has taken place concurrently and the findings of the AA have informed the SEA.

3.2.2 Integrated Biodiversity Impact Assessment

Many elements of Integrated Biodiversity Impact Assessment as detailed in the EPA's (2013) Practitioner's Manual have been aligned with in the undertaking of the SEA for the Plan. These include:

Scoping

- Biodiversity-relevant issues were identified for consideration at scoping stage and these are now detailed in Section 4.
- Reference to a zone of influence is provided at Section 4.

Baseline

- Biodiversity data sources relevant for this local level assessment have been identified and datasets collated/gathered.
- The biodiversity baseline addresses designated sites and other habitats and species of ecological value.
- AA information has been incorporated into the SEA baseline.

Alternatives

- Impacts upon biodiversity are considered under each of the alternatives and potential conflicts can be mitigated.

⁵ These components comprise biodiversity, fauna, flora, population, human health, soil, water, air, climatic factors, material assets, cultural heritage including architectural and archaeological heritage, landscape and the interrelationship between the above factors.

Impact assessment

- Effects on biodiversity are identified and assessed and the AA considers the interrelationship between biodiversity and potential effects on European Sites.

Mitigation and monitoring

- Taking into account all measures contained within the Plan, all the proposed mitigation measures deriving from the various processes were generally consistent and compatible.
- Indicators and associated targets have been included in SEA for monitoring European Sites.

Reporting

- This SEA ER addresses all biodiversity-related considerations relevant for this level of assessment.
- This SEA ER contains all biodiversity-relevant information, data, figures and maps relevant for this level of assessment.
- This SEA ER has been informed by the AA findings.

Communication and consultation

- Submissions received have been taken on board.
- The preparation of the Plan, SEA and AA have taken place concurrently and the findings of the AA have informed the SEA.

3.3 Scoping

3.3.1 Introduction

The scope of environmental issues to be dealt with by the SEA together with the level of detail to which they are addressed was broadly decided upon taking into account the collection of environmental baseline data and input from environmental authorities. Scoping allowed the SEA to become focused upon key issues relevant to the environmental components that are specified under the SEA Directive⁵.

As the Plan is not likely to have significant effects on the environment in another Member State, transboundary consultations as provided for by Article 7 of the SEA Directive were not undertaken.

3.3.2 Scoping Notices

Relevant environmental authorities⁶ identified under the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations, as amended,

⁶ The following authorities were notified: Environmental Protection Agency; Department of Communications, Climate Action and Environment; Department of Agriculture, Food and the Marine; Department of Culture, Heritage and the Gaeltacht; and the Department of Housing, Planning and Local Government.

were sent SEA scoping notices by Fáilte Ireland indicating that submissions or observations in relation to the scope and level of detail of the information to be included in the environmental report could be made to Fáilte Ireland.

3.3.3 Scoping Submissions

Submissions from the following environmental authorities were made during the SEA Scoping process:

- a) Environmental Protection Agency;
- b) Department of Communication, Climate Action and Environment; and
- c) Department of Culture, Heritage and the Gaeltacht.

These submissions were taken into account during preparation of the SEA and informed the various SEA recommendations that have been integrated into the Plan (see Section 9).

3.4 Alternatives

The SEA Directive requires that reasonable alternatives (taking into account the objectives and the geographical scope of the plan or programme) are identified, described and evaluated for their likely significant effects on the environment. In accordance with this requirement, alternatives for the Plan are examined in Section 7.

3.5 Environmental Report

In this SEA Environmental Report, the likely environmental effects of the Plan and the alternatives are predicted and their significance evaluated.

The Environmental Report provides Fáilte Ireland, stakeholders and the public with a clear understanding of the likely environmental consequences of implementing the Plan.

Mitigation measures to prevent or reduce significant adverse effects posed by the Plan are identified in Section 9 - these have been integrated into the Plan.

This Environmental Report will be updated in order to take account of non-material changes that will be made to the original Draft Plan on foot of submissions following public display.

This Environmental Report contains the information specified in Schedule 2 of the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 (SI No. 435 of 2004) as amended (see Table 3.1).

3.6 The SEA Statement

On finalisation of the Plan by Fáilte Ireland, an SEA Statement is prepared that includes information on:

- How environmental considerations have been integrated into the Plan, highlighting the main changes to the Plan that resulted from the SEA process;
- How the SEA Environmental Report and consultations have been taken into account, summarising the key issues raised in consultations and in the Environmental Report indicating what action was taken in response;
- The reasons for choosing the Plan in the light of the other alternatives, identifying the other alternatives considered, commenting on their potential effects and explaining why the Plan as adopted was selected; and
- The measures decided upon to monitor the significant environmental effects of implementing of the Plan.

3.7 Difficulties Encountered

No significant difficulties were encountered in undertaking the assessment.

Table 3.1 Checklist of Information included in this Environmental Report

Information Required to be included in the Environmental Report	Corresponding Section of this Report
(A) Outline of the contents and main objectives of the plan or programme, and of its relationship with other relevant plans and programmes	Sections 2, 5 and 8
(B) Description of relevant aspects of the current state of the environment and the evolution of that environment without implementation of the plan or programme	Section 4
(C) Description of the environmental characteristics of areas likely to be significantly affected	Sections 4, 7 and 8
(D) Identification of any existing environmental problems which are relevant to the plan or programme, particularly those relating to European Sites	Section 4
(E) List environmental protection objectives, established at international, EU or National level, which are relevant to the plan or programme and describe how those objectives and any environmental considerations have been taken into account when preparing the Plan	Sections 5, 7, 8 and 9
(F) Describe the likely significant effects on the environment	Sections 7 and 8
(G) Describe any measures envisaged to prevent, reduce and as fully as possible offset any significant adverse environmental effects of implementing the plan or programme	Section 9
(H) Give an outline of the reasons for selecting the alternatives considered, and a description of how the assessment was undertaken (including any difficulties)	Sections 3, 6, 7 and 8
(I) A description of proposed monitoring measures	Section 10
(J) A non-technical summary of the above information	Non-Technical Summary
(K) Interrelationships between each environmental topic	Addressed as it arises within each Section

Section 4 Environmental Baseline

4.1 Introduction

Reflecting the specifications in the SEA Directive, the relevant aspects of the current state of the environment for the following environmental components are identified in this section:

- Biodiversity, Flora and Fauna;
- Population and Human Health;
- Material Assets;
- Water;
- Air and Climatic Factors;
- Landscape;
- Cultural Heritage;
- Soil; and
- The interrelationship between the above factors.

Information which is relevant to planning and project development and associated environmental assessments and administrative consent of projects is identified (note that Article 5 of the SEA Directive, in accordance with the established European principle of subsidiarity, requires that the Environmental Report includes the information that may reasonably be required taking into account, inter alia, the extent to which certain matters are more appropriately assessed at different levels in that process in order to avoid duplication of the assessment).

The area to which the Plan relates (shown on Figure 4.1) covers the wider Killarney area in County Kerry (including Killarney Town and Killarney National Park).

4.2 National Reporting on the Environment

The EPA's "*Ireland's Environment - An Integrated Assessment 2020*" report provides an integrated assessment of the overall quality of Ireland's environment, the pressures being placed on it and the societal responses to current and emerging environmental issues. This report has informed various parts of the environmental baseline provided below. The key environmental challenges or messages identified by the report are:

Environmental Policy Position

A national policy position for Ireland's Environment.

Full implementation

Full implementation of existing environmental legislation and a review of the governance around the coordination on environmental protection across public bodies.

Health and Wellbeing

Protecting the Environment is an Investment in Our Health and Wellbeing.

Climate

Systemic change is required for Ireland to become the climate-neutral and climate resilient society and economy that it aspires to be.

Air Quality

Adoption of measures to meet the World Health Organization air quality guideline values should be the target to aim for in the Clean Air Strategy.

Nature

Safeguard nature and wild places as a national priority and to leave a legacy for future generations.

Water Quality

Improve the water environment and tackle water pollution locally at a water catchment level.

Marine

Reduce the human-induced pressures on the marine environment.

Clean Energy

Ireland needs to move rapidly away from the extensive use of fossil fuels to the use of clean energy systems.

Environmentally Sustainable Agriculture

An agriculture and food sector that demonstrates validated performance around producing food with a low environmental footprint.

Water Services

Drinking water and wastewater infrastructure must meet the needs of our society.

Circular Economy

Move to a less wasteful and circular economy where the priority is waste prevention, reuse, repair and recycling.

Land Use

Promote integrated land-mapping approaches to support decision-making on sustainable land use.

The report highlights that high quality green and blue spaces are not just for nature but are for peoples' health and wellbeing, particularly in the context of an increasingly urban society and increasing settlement densities.

4.3 Sustainable Development Goals

Implementation of the Plan will contribute towards efforts to achieve a number of the 17 Sustainable Development Goals of the 2030 Agenda for Sustainable Development, which were adopted by world leaders in 2015 at a United Nations Summit and came into force in 2016. These Goals include:

- Goal 3. Ensure healthy lives and promote well-being for all at all ages.
- Goal 6. Ensure availability and sustainable management of water and sanitation for all.
- Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all.
- Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.
- Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.
- Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable.
- Goal 12. Ensure sustainable consumption and production patterns.
- Goal 13. Take urgent action to combat climate change and its impacts.
- Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

4.4 Likely Evolution of the Environment in the Absence of the Plan

The likely evolution of the environment in the absence of a Plan would resemble the environmental effects that are described for Alternative 1 (Business as Usual) under Section 7.

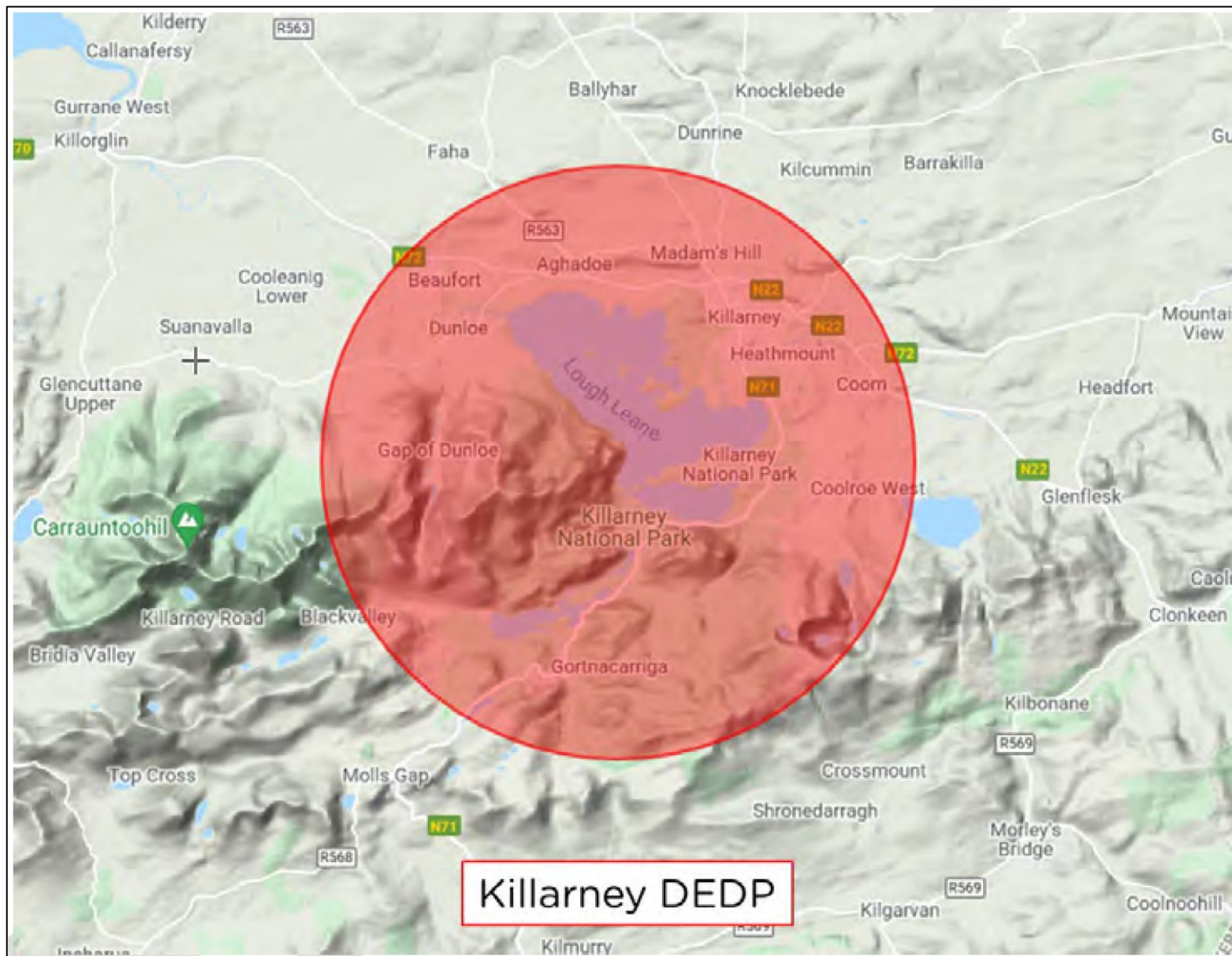


Figure 4.1 Area to which the Plan relates

4.5 Biodiversity and Flora and Fauna

4.5.1 Overview

Information on biodiversity and flora and fauna which is relevant to project planning and development and associated environmental assessment and administrative consent of projects includes available information on designated ecological sites and protected species, ecological connectivity (including stepping stones and corridors) and non-designated habitats.

Key ecological sensitivities across the area to which the Plan relates include those relating to:

- **Rare species and habitats** protected in the designated Special Protection Areas (SPAs) and Special Areas of Conservation (SACs) located within the wider Killarney area to which the Plan relates;
- **The Killarney National Park** and its extensive network of native woodlands and blanket bog habitats with many species of rare and protected plants and animals; and
- **Aquatic and riverine ecology** associated with the various streams, rivers and lakes including the Lough Leane, Muckross Lake, Upper Lake and the Rivers Laune, Deenagh and Flesk.

Ecological designations include:

- Special Areas of Conservation (SACs)⁷;
- Special Protection Areas (SPAs)⁸;
- Natural Heritage Areas (NHAs)⁹;
- Proposed Natural Heritage Areas (pNHAs)¹⁰;
- National Park¹¹;
- Certain entries to the Water Framework Directive Register of Protected Areas¹²;
- Tree Preservation Orders (TPOs)¹³;
- Flora Protection Order¹⁴ Sites;

⁷ Refer to Section 4.5.3 for more detail..

⁸ Refer to Section 4.5.3 for more detail.

⁹ Refer to Section 4.5.4 for more detail.

¹⁰ Refer to Section 4.5.4 for more detail.

¹¹ Refer to Section 4.5.9 for more detail.

¹² Refer to Sections 4.5.6 and 4.8.7 for more detail.

¹³ TPOs are a planning mechanism whereby individual trees or groups of trees can be identified as important and protected by a TPO. **There are a number of Tree Preservation Orders designated within the area to which the Plan relates. Refer to local authority for more detail.**

¹⁴ The Flora (Protection) Order, 2015 (S.I. No. 356 of 2015) gives legal protection to 65 species of bryophytes in the Republic of Ireland (25 liverworts and 40 mosses). **There are a number of locations within the area to which the Plan relates species protected by the Order, including: Killarney fern (*Trichomanes speciosum*); pillwort fern (*Pilularia globulifera*); betony (*Betonica officinalis*); slender cudweed (*Filago minima*); and slender naiad (*Najas flexilis*).**

- Nature Reserves¹⁵; and
- United Nations Educational, Scientific and Cultural Organisation (UNESCO) Biosphere Reserve¹⁶.

The following information is relevant to ecological networks and connectivity and non-designated habitats:

- CORINE land cover mapping (including areas likely to contain a habitat listed in Annex 1 of the Habitats Directive)¹⁷;
- Watercourses, wetlands and peatlands;
- Other relevant County Development Plan designations;
- The EPA's Framework National Ecological Network for Ireland¹⁸; and
- Other sites of high biodiversity value or ecological importance, e.g. BirdWatch Ireland's 'Important Bird Areas'.

The zone of influence of the Plan beyond the area to which the Plan relates with respect to impacts upon ecology via surface waters – including designated ecology – can be estimated to be areas within 15 km of the area to which the Plan relates and all downstream areas of catchments which drain the area.

4.5.2 Existing Fáilte Ireland Environmental Monitoring and Guidance

Fáilte Ireland regularly engages with environmental research that is used to make informed management decisions and produce robust guidelines to facilitate the protection of the environment. From its inception in 2014, the Wild Atlantic Way (WAW) Operational Programme Monitoring Programme (undertaken to date by CAAS on behalf of Fáilte Ireland guided by relevant stakeholders) has

¹⁵ Refer to Section 4.5.9 for more detail.

¹⁶ Refer to Section 4.5.8 for more detail.

¹⁷ The CORINE land cover mapping classifies land cover under various headings. This dataset allows for the identification of lands that are likely to be most valuable to biodiversity including those which are likely to contain a habitat listed in Annex 1 of the Habitats Directive e.g. natural grasslands, peat bogs, salt marshes. CORINE Land Cover (CLC) is a map of the European environmental landscape based on interpretation of satellite images. Land cover is the observed physical cover, as seen from the ground or through remote sensing, including for example natural or planted vegetation, water and human constructions which cover the earth's surface.

¹⁸ The EPA's Framework National Ecological Network provides a classification of the relative importance of areas by virtue of the biodiversity and flora that they contain and the connectivity they provide. Many of the areas identified are corridors.

been conducting research into the impacts of tourism on the receiving environment guided by an independent working group including the Environmental Protection Agency and the National Parks and Wildlife Service.

On site observational surveys and ecological assessments have covered 57 locations and monitored the activities and effects of over 26,000 visitors. The findings, published in the form of Visitor Observation Reports and Ecological Impact Reports, show that visitors cause low levels of effects and that relatively higher levels of effects are predominantly caused by the mismanagement of sites – or the lack of management. Effectively managed sites have been identified where visitor movements are facilitated alongside protection of environmental receptors such as Derrynane House. The research has shown that the protection of sites does not have to rely on infrastructure or visitor restrictions to avoid environmental effects. The monitoring has shown that that activity dynamics are key drivers of both impact occurrence and impact severity. Therefore, it is fundamental that management practices identify and appropriately manage the activities available at nature-based destinations. From the monitoring work it was seen that 75% of all visitor observations resulted in no identifiable effects; which highlights the feasibility of ‘no impact tourism’ being an achievable target.

As well as the site-specific data being collected, the Monitoring Programme collates and interprets existing national environmental indicator data, compiling the results into annual Macro-Monitoring Reports.

The monitoring program has yielded a strong dataset and is set to continue into the future, expanding beyond the WAW to look at a set of 19 sites across Ireland from 2021-2025. As the data expands and is consolidated over time, annual trends and comparisons can be explored which will provide further insights into site specific interactions. One of the key expansions of the database being gathered, aims to explore impact distance thresholds around nature

¹⁹ SACs have been selected for protection under the European Council Directive on the conservation of natural habitats and of wild fauna and flora (92/43/EEC) due to their conservation value for habitats and species of importance in the European Union. The Habitats Directive seeks to establish Natura 2000, a network of protected areas throughout the EU. It is the responsibility of each member state to designate SACs to protect habitats and species, which, together with the SPAs designated under the 1979 Birds Directive, form Natura 2000. The European

based tourism destinations. These data will be harnessed by Fáilte to inform management decisions and further refine existing guidelines and produce additional resources that facilitate environmental protection.

The findings of the Monitoring Programme are circulated to the local authorities with host sites and to site management teams at sites not under the management of local authorities. This ensures that the research can be harnessed on site by those responsible while contributing towards informed management plans and guidelines created by Fáilte Ireland.

In 2014, Fáilte Ireland published the WAW Site Maintenance Guidelines that provide details of the works that may be required to meet a minimum standard of presentation at WAW Discovery Points. The 2014 Guidelines include an Ecological Method Statement which sets out the ecological standards and procedures that must be complied with by local authorities in implementing any works.

Fáilte Ireland are currently preparing guidance for the WAW in order to facilitate the identification of available and effective management options and the championing of concepts like ‘keeping it wild’.

Furthermore, Fáilte Ireland is preparing a guidelines to facilitate broad scale identification and understanding of the habitats present at Nature based tourism destinations – including details relating to known sensitivities of the habitats. As well as these, Fáilte Ireland have produced a suite of guidelines giving detailed design guidelines and considerations for planning tourism projects at sensitive sites.

4.5.3 European Sites

European sites occur along the waterways within and downstream of the area to which the Plan relates. These European sites (mapped on Figure 4.2 and Figure 4.3) comprise:

- Special Areas of Conservation (SACs)¹⁹; and

Communities (Birds and Natural Habitats) Regulations 2011 consolidate the European Communities (Natural Habitats) Regulations 1997 to 2005 and the European Communities (Birds and Natural Habitats)(Control of Recreational Activities) Regulations 2010. The Regulations have been prepared to address several judgments of the Court of Justice of the European Union (CJEU) against Ireland, notably cases C-418/04 and C-183/05, in respect of failure to transpose elements of the Birds Directive and the Habitats Directive into Irish law.

- Special Protection Areas (SPAs)²⁰.

The SEA uses the same zone of influence cited in the AA; a 15 km buffer around the area to which the Plan relates (see sites within this zone mapped on Figure 4.2). The AA review of all sites within this zone has allowed a determination to be made that in the absence of significant hydrological links the characteristics of the Plan will not impose effects beyond the 15 km buffer.

There are a number of SACs designated within 15 km buffer of the area to which the Plan relates, including:

- Castlemaine Harbour SAC (Site Code: 000343)²¹;
- Killarney National Park, Macgillicuddy's Reeks and Caragh River Catchment SAC (Site Code: 000365)²²;
- Sheheree (Ardagh) Bog SAC (Site Code: 000382)²³;
- Kilgarvan Ice House SAC (Site Code: 000364)²⁴;
- Blackwater River (Kerry) SAC (Site Code: 002173)²⁵;
- Old Domestic Building, Curraglass Wood SAC (Site Code: 002041)²⁶;
- Kenmare River SAC (Site Code: 002158)²⁷;
- Blackwater River (Cork/Waterford) SAC (Site Code: 002170)²⁸;
- Old Domestic Building, Dromore Wood SAC (Site Code: 000353)²⁹;

²⁰ SPAs have been selected for protection under the 1979 European Council Directive on the Conservation of Wild Birds (79/409/EEC) - referred to as the Birds Directive - due to their conservation value for birds of importance in the EU.

²¹ Sensitive features include: estuaries; tidal mudflats and sandflats; annual vegetation of drift lines; perennial vegetation of stony banks; vegetated sea cliffs of the Atlantic and Baltic coasts; salicornia mud; Atlantic salt meadows; Mediterranean salt meadows; embryonic shifting dunes; Marram dunes (white dunes); fixed dunes (grey dunes); dunes with creeping willow; humid dune slacks; alluvial forests; sea lamprey; river lamprey; Atlantic salmon; otter; and petalwort.

²² Sensitive features include: oligotrophic Waters containing very few minerals; oligotrophic to mesotrophic standing waters; floating river vegetation; wet heath; dry heath; alpine and subalpine heaths; juniper scrub; calamarian grassland; molinia meadows; blanket bogs (active); rhynchosporion vegetation; old oak woodlands; alluvial forests; yew woodlands; Kerry slug; freshwater pearl mussel; marsh fritillary; sea lamprey; brook lamprey; river lamprey; twaite shad; Atlantic salmon; lesser horseshoe bat; otter; Killarney fern; and slender naiad.

²³ Sensitive features include: active raised bog and degraded raised bog.

²⁴ Sensitive features include: lesser horseshoe bat.

²⁵ Sensitive features include: dry heath; Kerry slug; freshwater pearl mussel; Atlantic salmon; lesser horseshoe bat; and otter.

²⁶ Sensitive features include: lesser horseshoe bat.

²⁷ Sensitive features include: large shallow inlets and bays; reefs; perennial vegetation of stony banks; vegetated sea cliffs; Atlantic salt meadows; Mediterranean salt meadows; marram dunes (white dunes); fixed dunes (grey dunes); dry heath; juniper scrub; calamarian grassland; sea caves;

- Mucksna Wood SAC (Site Code: 001371)³⁰;
- Lough Yganavan And Lough Nambrackdarrig SAC (Site Code: 000370)³¹;
- Derryclogher (Knockboy) Bog SAC³²;
- Slieve Mish Mountains SAC (Site Code: 002185)³³;
- Glanlough Woods SAC (Site Code: 002315)³⁴; and
- Maulagowna Bog SAC (Site Code: 001881)³⁵.

The SPAs designated within a 15 km buffer of the area to which the Plan relates include:

- Castlemaine Harbour SPA (Site Code: 004029)³⁶;
- Killarney National Park SPA (Site Code: 004038)³⁷;
- Erik Bog SPA (Site Code: 004108)³⁸; and
- Stack's to Mullaghareirk Mountains, West Limerick Hills and Mount Eagle SPA (Site Code: 004161)³⁹.

European sites designated within and adjacent to the area to which the Plan relates (mapped on Figure 4.3) include: **Sheheree (Ardagh) Bog SAC; Castlemaine Harbour SAC; Killarney National Park, Macgillicuddy's Reeks and Caragh River Catchment SAC; Old Domestic Building Curraglass Wood SAC; Erik Bog SPA; and Killarney National Park SPA.**

narrow-mouthed whorl snail; lesser horseshoe bat; otter; and common (harbour) seal.

²⁸ Sensitive features include: estuaries; tidal mudflats and sandflats; perennial vegetation of stony banks; salicornia mud; Atlantic salt meadows; Mediterranean salt meadows; floating river vegetation; old oak woodlands; alluvial forests; freshwater pearl mussel; white-clawed crayfish; sea lamprey; brook lamprey; river lamprey; twaite shad; Atlantic salmon; otter; and Killarney fern.

²⁹ Sensitive features include: lesser horseshoe bat.

³⁰ Sensitive features include: old sessile oak woods with Ilex and Blechnum in the British Isles.

³¹ Sensitive features include: Atlantic decalcified fixed dunes and oligotrophic waters containing very few minerals of sandy plains.

³² Sensitive features include: blanket bogs.

³³ Sensitive features include: Northern Atlantic wet heaths with Erica tetralix, European dry heaths, Alpine and Boreal heaths, blanket bogs, siliceous scree if the montane to snow levels, calcareous rocky slopes with chasmophytic vegetation, siliceous rocky slopes with chasmophytic vegetation and trichomanes speciosum.

³⁴ Sensitive features include: lesser horseshoe bat.

³⁵ Sensitive features include: blanket bogs.

³⁶ Sensitive features include: red-throated diver; cormorant; light-bellied brent goose; wigeon; mallard; pintail; scaup; common scoter; oystercatcher; ringed plover; sanderling; bar-tailed godwit; redshank; greenshank; turnstone; chough; and wetland and waterbirds.

³⁷ Sensitive features include: merlin and Greenland white-fronted goose.

³⁸ Sensitive features include: Greenland white-fronted goose.

³⁹ Sensitive features include: hen harrier.

For more detail on European sites refer to the AA document that accompanies the Plan and this SEA Environmental Report.

4.5.4 Natural Heritage Areas and Proposed Natural Heritage Areas

Natural Heritage Areas (NHAs) are designated due to their national conservation value for ecological and/or geological/geomorphological heritage. They cover nationally important semi-natural and natural habitats, landforms or geomorphological features, wildlife plant and animal species or a diversity of these natural attributes. NHAs are designated under the Wildlife (Amendment) Act 2000. Proposed NHAs (pNHAs) were published on a non-statutory basis in 1995, but have not since been statutorily proposed or designated.

There are no NHAs designated directly within the area to which the Plan relates, however there are a number of pNHAs designated partially within and adjacent to the area to which the Plan relates, including: **Doo Loughs pNHA; Killarney National Park, Macgillycuddy's Reeks and Caragh River Catchment pNHA; Old Domestic Building, Curraglass Wood pNHA; and Sheheree (Ardagh) Bog pNHA** (mapped on Figure 4.4). All NHAs and pNHAs designated within a wider 15 km zone are mapped on Figure 4.5 and listed on Table 4.1.

Table 4.1 NHAs and pNHAs within 15 km

NHAs and pNHAs		
Designation	Site Name	Site Code
NHA	Anna More Bog	000333
	Doughill Bog	001948
	Slaheny River Bog	000383
	Sillahertane Bog	001882
	Mount Eagle Bogs	002449
pNHA	Roughy River	001376
	Kilgarvan Wood	001787
	Old Domestic Building, Curraglass Wood	002041
	Roughy River Estuary	002092
	Castlemaine Harbour	000343
	Doo Loughs	000350
	Kilgarvan Ice House	00364

Killarney National Park, Macgillycuddy's Reeks and Caragh River Catchment	000365
Sheheree (Ardagh) Bog	000382
Old Domestic Building, Lettir	002040
Dromlusk Bog	000352
Old Domestic Building, Dromore Wood	000353
Kenmare River Islands	000363
Lough Yganavan And Lough Nambrackdarrig	000370
Mucksna Wood	001371
Derryclogher (Knockboy) Bog	001873
Maulagowna Bog	001881
Ballagh Bog	001886
Old Domestic Building, Derreenafoyle	002041

4.5.5 Land Cover Mapping

CORINE⁴⁰ land cover mapping for the area to which the Plan relates is shown on Figure 4.6. The most dominant land cover types in the area to which the Plan relates are pastures and peat bogs.

Categories from CORINE mapping that may indicate areas likely to contain Annex I habitats in the area to which the Plan relates (shown on Figure 4.7), include:

- Water bodies;
- Peat bogs;
- Sparsely vegetated areas;
- Transitional woodland-shrub;
- Natural grassland;
- Coniferous forest
- Broad-leaved forest;
- Land principally occupied by agriculture with significant areas of natural vegetation;
- Pastures;
- Mixed forest; and
- Moors and heathland.

4.5.6 Register of Protected Areas

In response to the requirements of the Water Framework Directive a number of water bodies or parts of water bodies that must have extra controls on their quality by virtue of how their waters are used by people and by wildlife have been listed on Registers of Protected Areas (RPAs). Entries to the RPAs within and adjacent

forestry, which accounts for two-thirds of the national landmass. Most of this is permanent grassland pastures. Peatlands and wetlands are the second most widespread land cover type, covering almost one-fifth of the country. While forested areas cover about one-tenth of the country. Despite rapid development in the past two decades, Ireland's landscape is predominantly rural and agricultural.

⁴⁰ The CORINE (Coordinated Information on the Environment) land cover data series was devised as a means of compiling geo-spatial environmental information in a standardised and comparable manner. CORINE has become a key data source for informing environmental and planning policy on a national and European level. The main land cover type in Ireland is agricultural land including

to the area to which the Plan relates, designated by virtue of their value to biodiversity include a number of water dependent habitats within the area that have been listed on RPAs relating to biodiversity – these relate to designated SACs and SPAs (see Section 4.5.3).

RPAs designated by virtue of their value to humans are addressed under Section 4.8.7.

4.5.7 Margaritifera Sensitive Areas

Freshwater pearl mussel is a globally threatened, long-lived and extremely sensitive species that can be impacted by many forms of pollution, particularly sediment and nutrient pollution and by hydrological and morphological changes, which may arise from developments, activities or changes in any part of the catchment. There are two species of freshwater pearl mussel in Ireland (*Margaritifera margaritifera* and *Margaritifera durrovensis*) and both are protected under Annex II and Annex V of the EU Habitats Directive. Within the area to which the Plan relates, the Margaritifera Sensitive Areas are found within the following river catchments (mapped on Figure 4.8):

- Caragh (Catchments of SAC populations listed in S.I 296 of 2009);
- Laune-Gearhameen (Catchment of SAC populations listed in S.I 296 of 2009);
- Finniuh (Catchment of other extant populations);
- Roughy (Catchment of other extant populations); and
- Laune (Catchment of other extant populations).

Twenty-seven Management Plans for the Freshwater Pearl Mussel have been published, the objective of which is to restore the freshwater pearl mussel populations in 27 rivers, or stretches of rivers that are within the boundaries of Special Areas of Conservation.

4.5.8 UNESCO Biosphere Designation⁴¹

The United Nations Educational, Scientific and Cultural Organization (UNESCO) Biosphere Reserves are nominated by national governments and remain under the sovereign jurisdiction of the states where they are located. Their primary functions include: conservation of biodiversity and cultural diversity; economic development that is socio-

culturally and environmentally sustainable; and logistic support, underpinning development through research, monitoring, education and training. There are two UNESCO Biosphere Reserves designated in Ireland.

The area to which the Plan relates is partially located within the Kerry UNESCO Biosphere Reserve⁴², designated in 1982 (renamed and extended in 2017). Although the UNESCO Biosphere designation brings no new rule or regulations there are several protected areas within the Kerry Biosphere Reserve that are part of the European sites network designated to protect certain habitats and species (for more information about these designated areas refer to Section 4.5.3).

4.5.9 Other Designations

Other relevant designations within the area to which the Plan relates (mapped on Figure 4.7) include a National Park and Nature Reserves.

National Parks have the following characteristics:

- Where one or several ecosystems are not materially altered by human exploitation and occupation; where plant and animal species, geomorphological sites and habitats are of special scientific, educational and recreational interest or which contain a natural landscape of great beauty;
- Where steps have been taken by the Government to prevent or eliminate as soon as possible exploitation or occupation in the whole area and to enforce effectively the respect of ecological, geomorphological or aesthetic features which have led to its establishment; and
- Where visitors are allowed to enter, under special conditions, for inspirational, educational, cultural and recreational purposes.

There are six National Parks in Ireland, including the Killarney National Park (mapped on Figure 4.7), occupying central and northern parts of County Kerry (including the area to which the Plan relates). Killarney National Park contains many unique features of national and international importance such as the native species of red deer, oakwoods and yew woods and abundance of evergreen trees, shrubs, bryophytes and lichens.

Nature Reserves are areas of importance to wildlife, protected under Ministerial order. There are currently 78 Statutory Nature Reserves in Ireland. Most are owned by the State but some are owned by organisations or

⁴¹ <https://en.unesco.org/biosphere/designation>

⁴² <https://kerrybiosphere.ie/>

private landowners. There are two State owned Nature Reserves located within or adjacent to the area to which the Plan relates (mapped on Figure 4.7): **Sheheree (Ardagh) Bog Nature Reserve; Erik Bog Nature Reserve; and Derrycunihy Wood Nature Reserve.**

4.5.10 Existing Problems

Ireland's Article 17 report on the Status of EU Protected Habitats and Species in Ireland (DCHG, 2019) identifies many Irish habitats to be of unfavourable status and many to be still declining, although it also identifies that a range of positive actions are underway.

Categories for pressures and threats on Ireland's habitats and species identified by the report comprise:

- Agriculture;
- Forestry;
- Extraction of resources (minerals, peat, non-renewable energy resources);
- Energy production processes and related infrastructure development;
- Development and operation of transport systems;
- Development, construction and use of residential, commercial, industrial and recreational infrastructure and areas;
- Extraction and cultivation of biological living resources (other than agriculture and forestry);
- Military action, public safety measures, and other human intrusions;
- Alien and problematic species;
- Mixed source pollution;
- Human-induced changes in water regimes;
- Natural processes (excluding catastrophes and processes induced by human activity or climate change);
- Geological events, natural catastrophes;
- Climate change; and
- Unknown pressures, no pressures and pressures from outside the Member State.

Ireland's Article 12 Birds Directive Reports and the 6th National Report under the Convention of Biological Diversity identify similar issues.

The Plan includes robust measures to contribute towards the protection of biodiversity and flora and fauna and associated ecosystem services.

Previous changes in land uses arising from human development have resulted in a loss of biodiversity and flora and fauna however, legislative objectives governing biodiversity and fauna were not identified as being conflicted with.

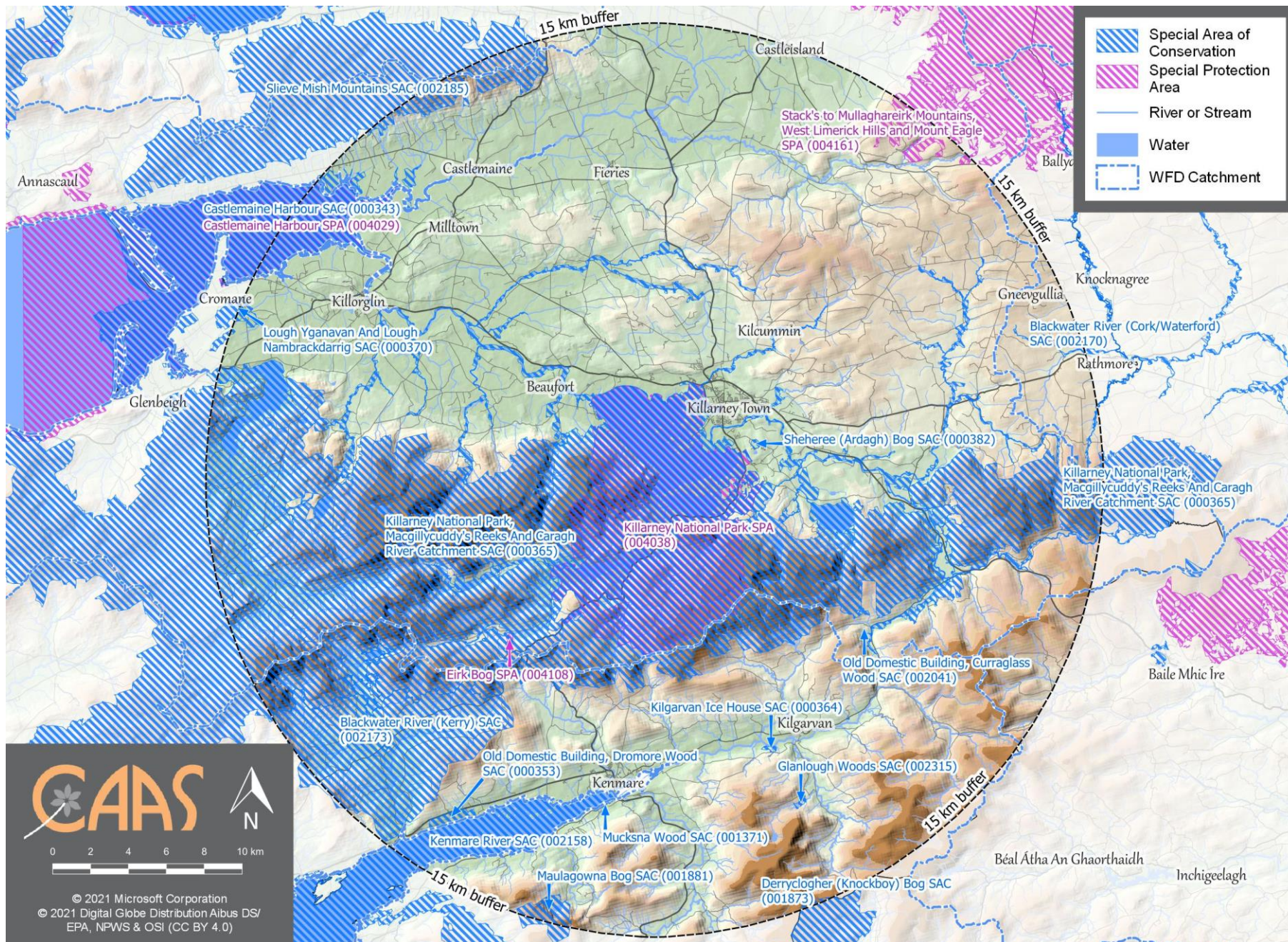


Figure 4.2 European sites within and within 15 km of the area to which the Plan relates

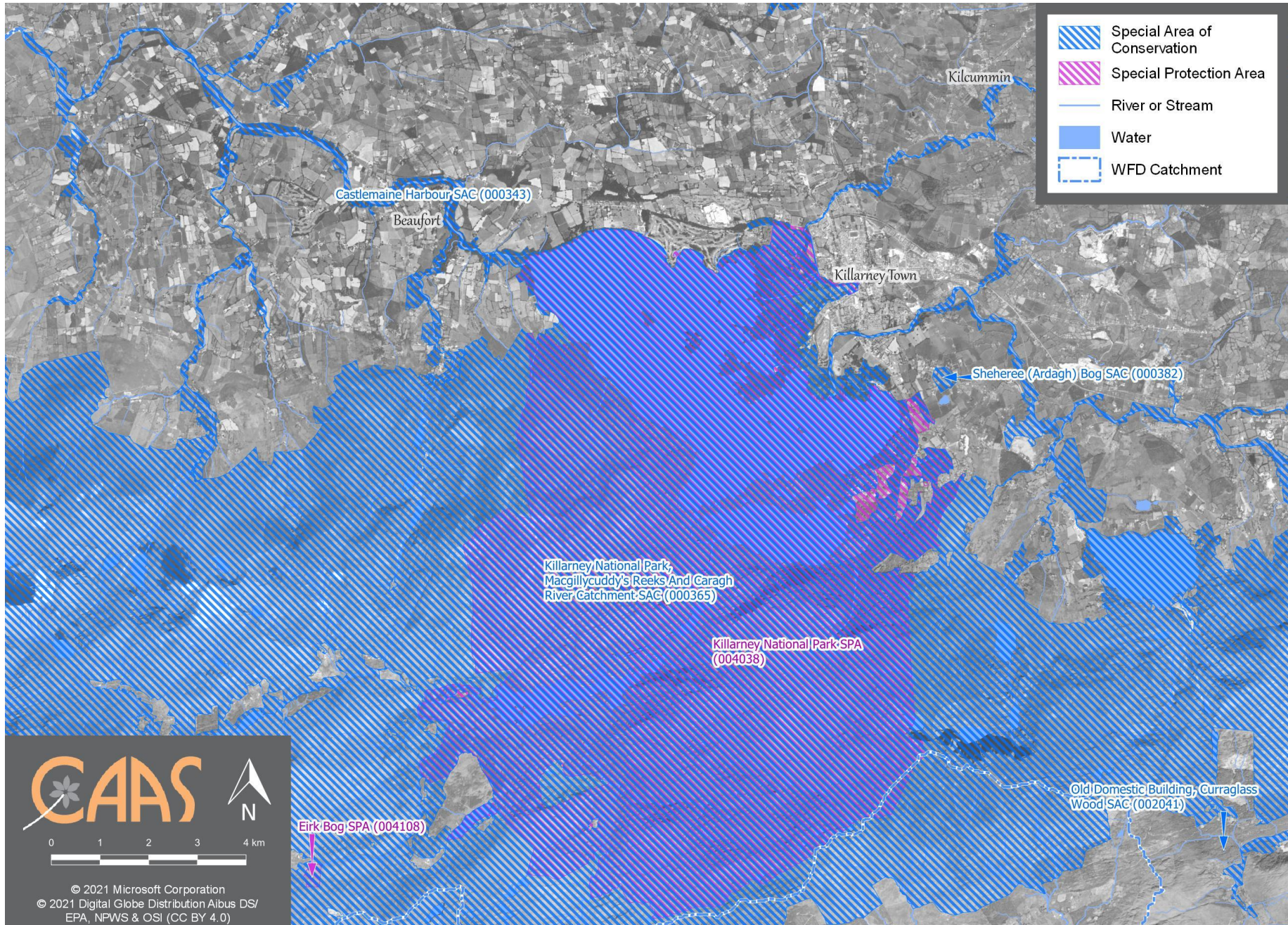


Figure 4.3 European sites within the area to which the Plan relates

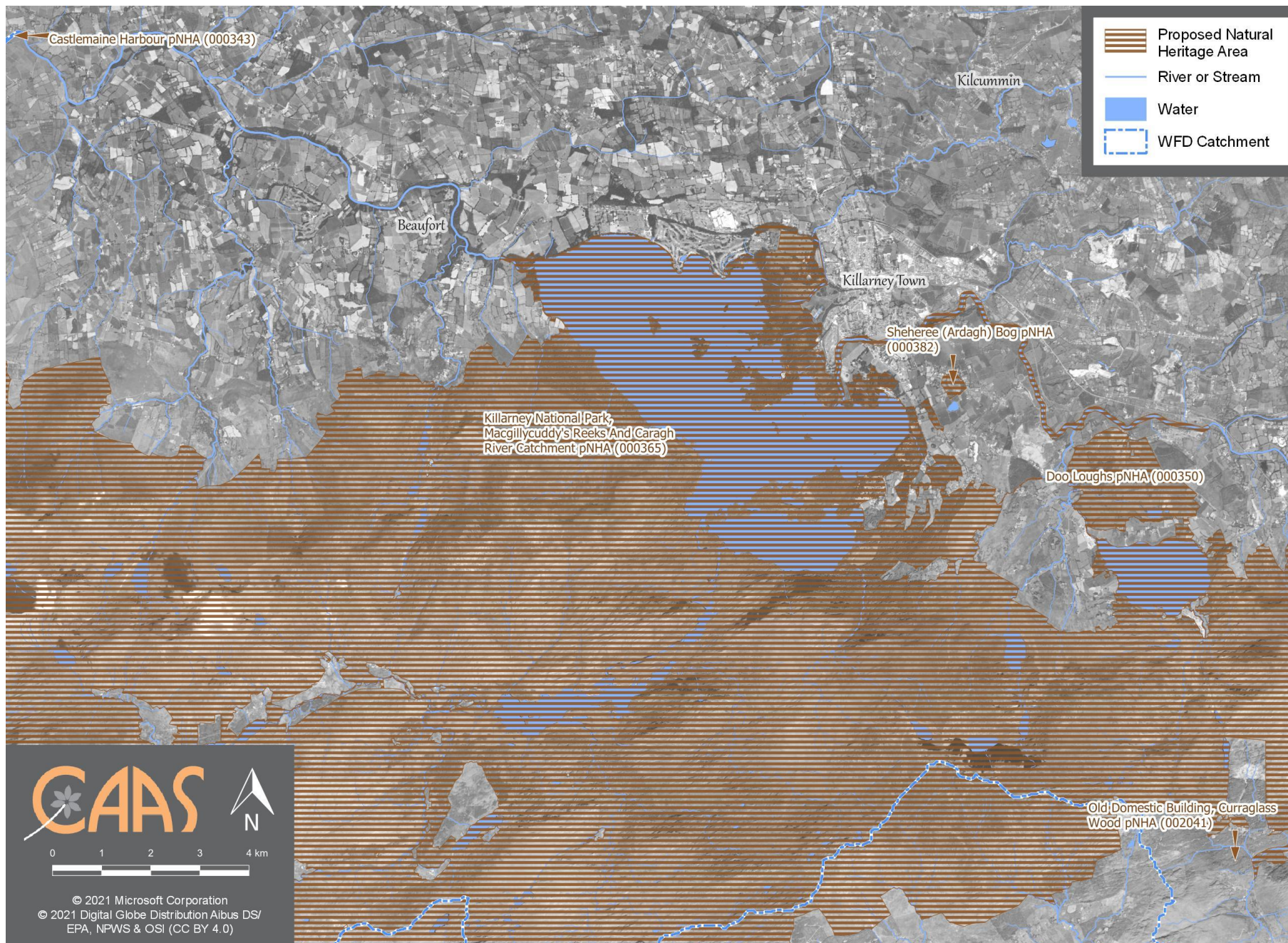


Figure 4.4 Proposed Natural Heritage Areas within the area to which the Plan relates

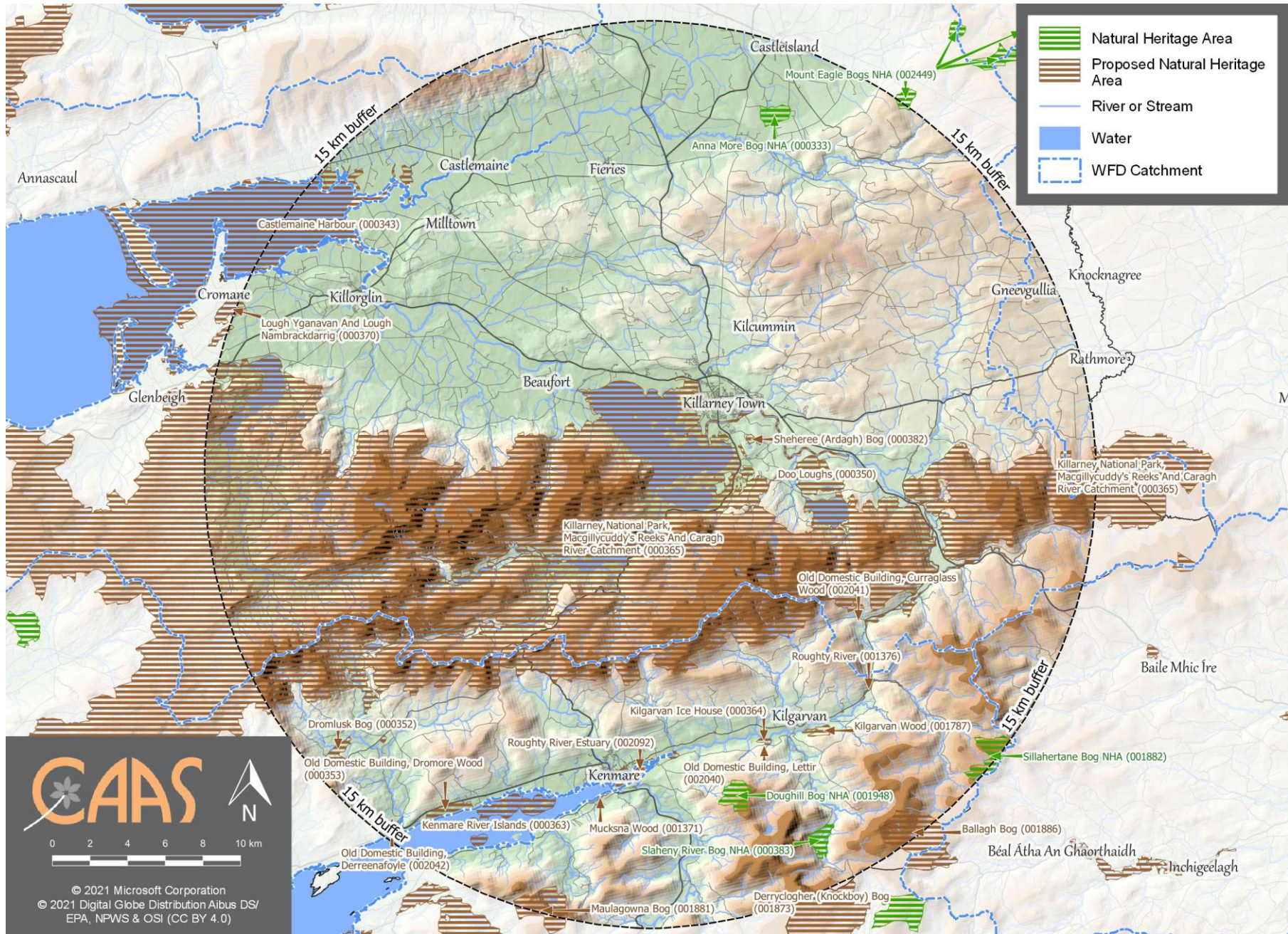


Figure 4.5 Natural Heritage Areas and Proposed Natural Heritage Areas within and within 15 km of the area to which the Plan relates

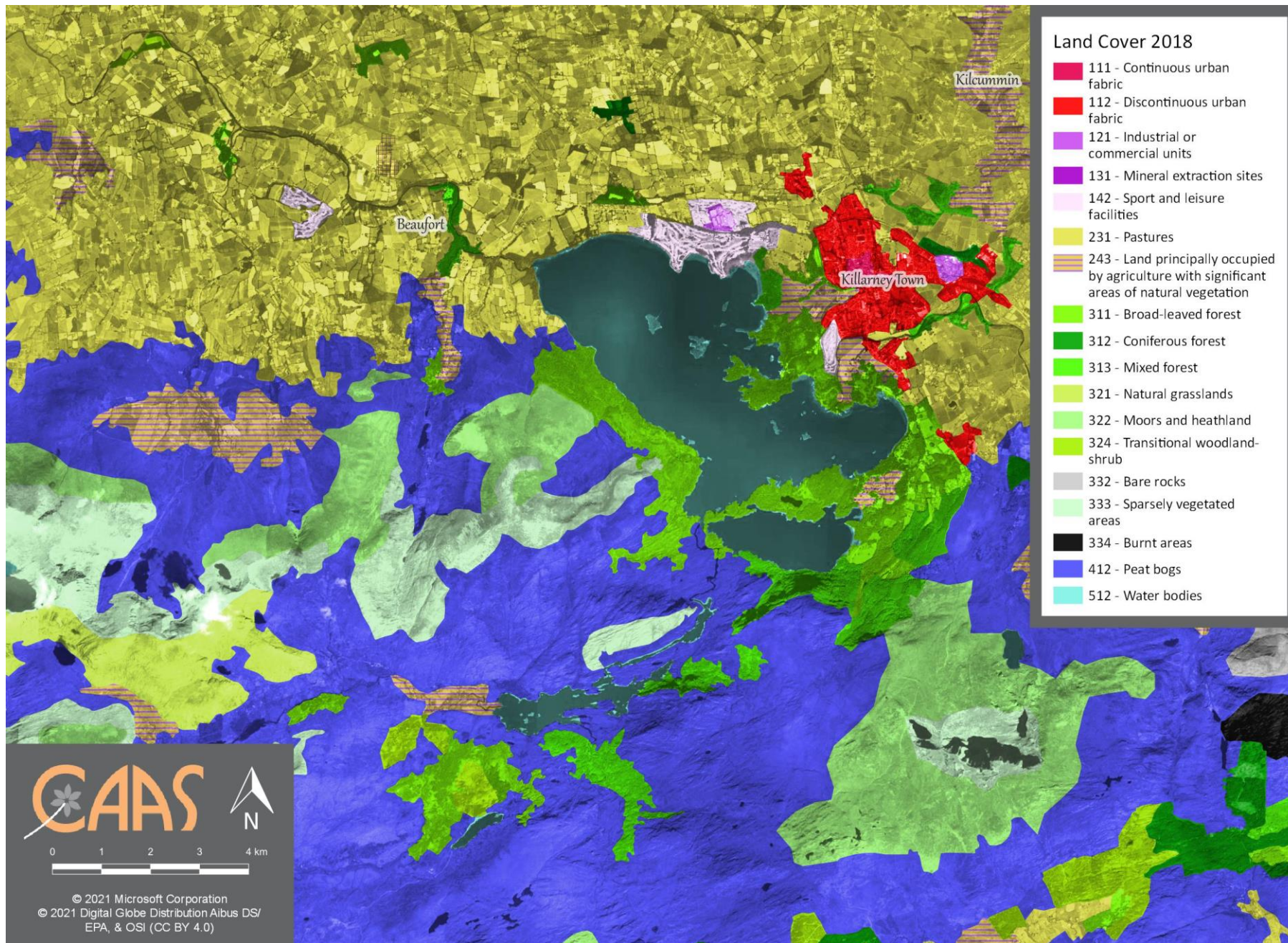


Figure 4.6 CORINE Land Cover 2018

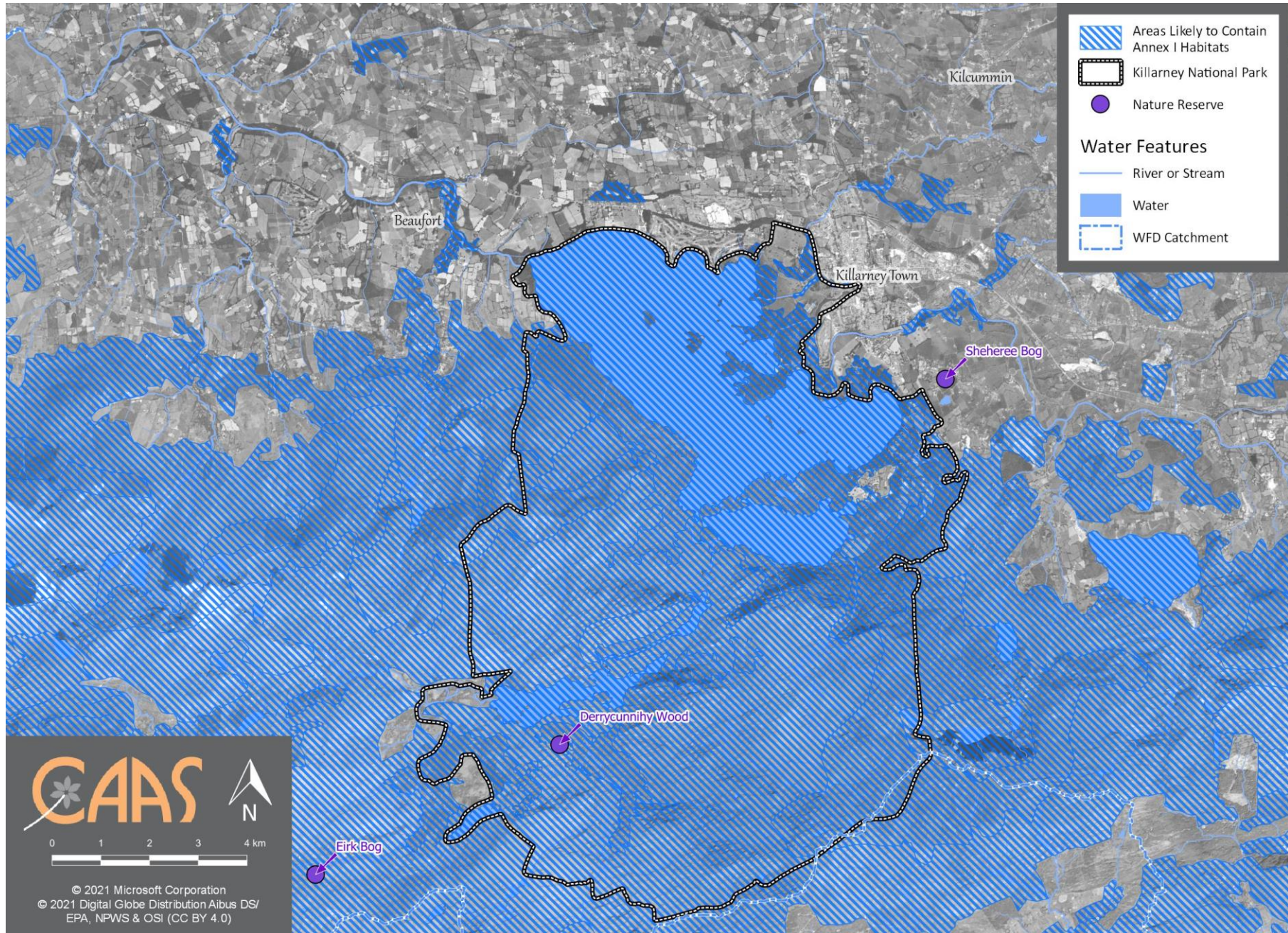


Figure 4.7 Nature Reserves, Killarney National Park and Areas likely to contain Annex I Habitats

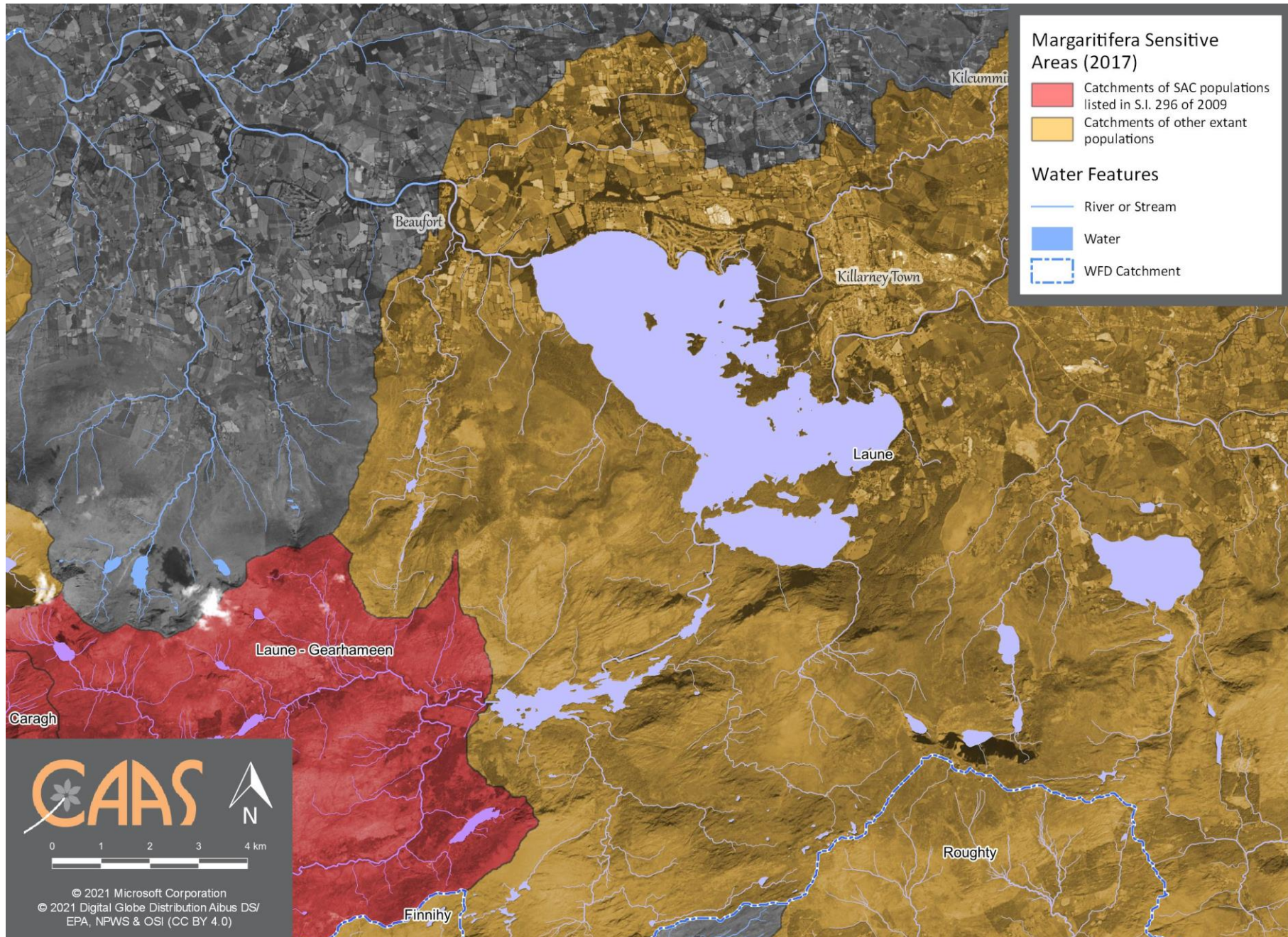


Figure 4.8 Margaritifera Sensitive Areas

4.6 Population and Human Health

4.6.1 Population

The 2016 Census data identifies the population of the biggest settlement in the area to which the Plan relates, the Killarney Town, as being 14,504 persons⁴³. The Killarney town is designated in the Regional Spatial and Economic Strategy for the Southern Region (RSES) as one of 'Key Towns', functioning as a large population scale urban centre functioning as self-sustaining regional driver and/or strategically located with accessibility and significant influence in a sub-regional context.

Population has the potential to interact with various environmental components. Potential interactions include:

- Recreational and development pressure on habitats and landscapes (see Section 4.5);
- Contribution towards increase in demand for wastewater treatment at the municipal level (see Section 4.10);
- Contribution towards increase in demand for water supply and associated potential impact of water abstraction (see Section 4.10);
- Potential interactions in flood-sensitive areas (see Section 4.8); and
- Potential effects on water quality (see Section 4.8).

4.6.2 Human Health

Human health has the potential to be impacted upon by environmental vectors (i.e., environmental components such as air, water or soil through which contaminants or pollutants, which have the potential to cause harm, can be transported so that they come into contact with human beings). Hazards or nuisances to human health can arise as a result of exposure to these vectors arising from incompatible adjacent land uses for example. These factors have been considered with regard to the description of: the baseline of each environmental component; and the identification and evaluation of the likely significant environmental effects of implementing the Plan.

⁴³ Information on the population for the surrounding areas within the area to which the Plan relates can be accessed from the CSO – Census 2016 Small Area Population Statistics mapping:

4.6.3 Existing Problems

The greatest health risk from radiation in Ireland is caused by radon. The presence of radon gas, a naturally occurring radioactive gas that originates from the decay of uranium in rocks and soils, occurs across the country. It accounts for more than half of the total radiation dose received by the Irish population. As a known carcinogen, in the same category as tobacco smoke and asbestos it is a cause of lung cancer. Exposure to radon for long periods or at high concentrations can lead to lung cancer.

The number of homes within the area to which the Plan relates with radon levels above the reference level is within the normal range experienced in other locations across the country⁴⁴.

Also refer to the other sections of this report referred to above with respect interactions with other environmental components.

4.7 Soil

4.7.1 Introduction

Soil is the top layer of the earth's crust. It is formed by mineral particles, organic matter, water, air and living organisms. Soil can be considered as a non-renewable natural resource because it develops over very long timescales. It is an extremely complex, variable and living medium and performs many vital functions including: food and other biomass production, storage, filtration and transformation of many substances including water, carbon, and nitrogen. Soil has a role as a habitat and gene pool, serves as a platform for human activities, landscape and heritage and acts as a provider of raw materials. Such functions of soil are worthy of protection because of their socio-economic as well as environmental importance. Soils in any area are the result of the interaction of various factors, such as parent material, climate, vegetation and human action.

To date, there is no legislation which is specific to the protection of soil resources. However, there is currently an EU Thematic Strategy on

<https://cso.maps.arcgis.com/apps/webappviewer/index.html?id=4d19cf7b1251408c99ccde18859ff739>

⁴⁴ Mapping available at <http://www.epa.ie/radiation/radonmap>

the protection of soil that includes a proposal for a Soil Framework Directive that proposes common principles for protecting soils across the EU.

4.7.2 Soil Types

Brown earths⁴⁵, surface water gleys⁴⁶ and peat soils make up most of the area to which the Plan relates (see Figure 4.9).

Active blanket bogs and active raised bogs are considered to be priority habitats, listed on Annex I of the EU Habitats Directive. Extensive areas of peat soils are found mainly in the west and south of the area to which the Plan relates. Peat soils are often indicative of areas that are the most sensitive to development due to ecological sensitivities and impeded drainage issues. Many of these peat areas are also a subject to ecological designations (see Section 4.5).

The central parts of the area to which the Plan relates are occupied by large water bodies: Lough Leane and Lough Muckross. The urban areas within the area to which the Plan relates, including Killarney Town are largely made up of man-made soils, surrounded by brown earths and alluvial soils⁴⁷ (along the rivers, streams and lakes).

Other soils (shown on Figure 4.9) identified across the area to which the Plan relates include:

- **Podzol soils**⁴⁸ (occurring mainly in the south and west of the area to which the Plan relates);
- **Lithosol soils**⁴⁹ and **outcropping rock** (occurring mainly to the south of the area to which the Plan relates); and
- **Brown podzol soils**⁵⁰ (occurring mainly to the west and north of the area to which the Plan relates).

4.7.3 Geological Heritage

Geological Survey of Ireland coordinates the Irish Geological Heritage Programme, which seeks to identify and select sites of geological interest within each county across the

⁴⁵ Well-drained mineral soils, associated with high levels of natural fertility.

⁴⁶ Wetland soils with slowly permeable horizons resulting in seasonal waterlogging.

⁴⁷ These are associated with alluvial (clay, silt or sand) river deposits.

⁴⁸ Acidic soils generally found in forested areas.

⁴⁹ Thin soil consisting mainly of partially weathered rock fragments.

country⁵¹. County Geological Sites, when audited, do not receive statutory protection like Natural Heritage Areas but receive an effective protection from their inclusion in the planning system.

There are a number of potential County Geological Sites across the area to which the Plan relates (mapped on Figure 4.10). The highest concentration of these sites occurs in the south, south-east and south-west of the area to which the Plan relates. These sites include:

- Killarney;
- Ross Island;
- Tomies Wood;
- Kilcummin;
- Cummeenduff Glen;
- Torc Waterfall;
- Lake section at Killarney;
- Gap of Dunloe;
- Muckross, Lough Leane;
- Lough Duff (Head of Black Valley);
- The Gaddagh;
- Muckross;
- Molls Gap Quarry;
- Lake Section Killarney;
- Devils Punch Bowl;
- Bennaunmore;
- Killarney Lakes;
- Macgillycuddys Reeks;
- Muckross;
- North side of Reeks;
- Ross Island; and
- Lough Guitane.

4.7.4 Landslides

The term "landslide" describes a wide variety of processes that result in the downward and outward movement of materials such as rock, debris, earth, mud and peat under the force of gravity. Issues such as existing ground conditions, slope stability and storage of excavated material have the potential to influence susceptibility to landslides/bog bursts. The potential impacts of landslides include loss of human life/injury, flooding, pollution of watercourses and impacts upon aquatic biodiversity.

The area to which the Plan relates has several locations with a history of landslide events⁵² as

⁵⁰ Characterised by dark brown humus-mineral soil covered with a thin mat of partly decayed leaves.

⁵¹ The audit of County Geological Sites in County Kerry has not yet been completed. Twenty-three counties (including all local authority areas of Counties Dublin and Galway), have completed their geological audits to date (www.gis.ie).

⁵² Over 2,500 landslide events are recorded in the National Landslides Database available from GSI (www.gsi.ie). This dataset also includes Landslide Susceptibility Mapping to

shown on Figure 4.11. There is a concentration of frequent landslide events recorded in the upland areas in the south, south-east and north of the area to which the Plan relates. Many of these events are associated with the upland, peatland areas.

The GSI have identified the area to which the Plan relates as having low levels of landslide susceptibility mainly in the north, north-west and north-east with some areas of moderately high and high levels of landslide susceptibility mainly in the upland and southern parts of the area to which the Plan relates.

4.7.5 Existing Problems

There have been a number of landslide events across the area to which the Plan relates and there are various areas identified by the GSI as being of elevated levels of landslide susceptibility (see Section 4.7.4).

Legislative objectives governing soil were not identified as being conflicted with.

assist in the identification of areas that are likely to experience land sliding. Date records are not available for all landslide events.

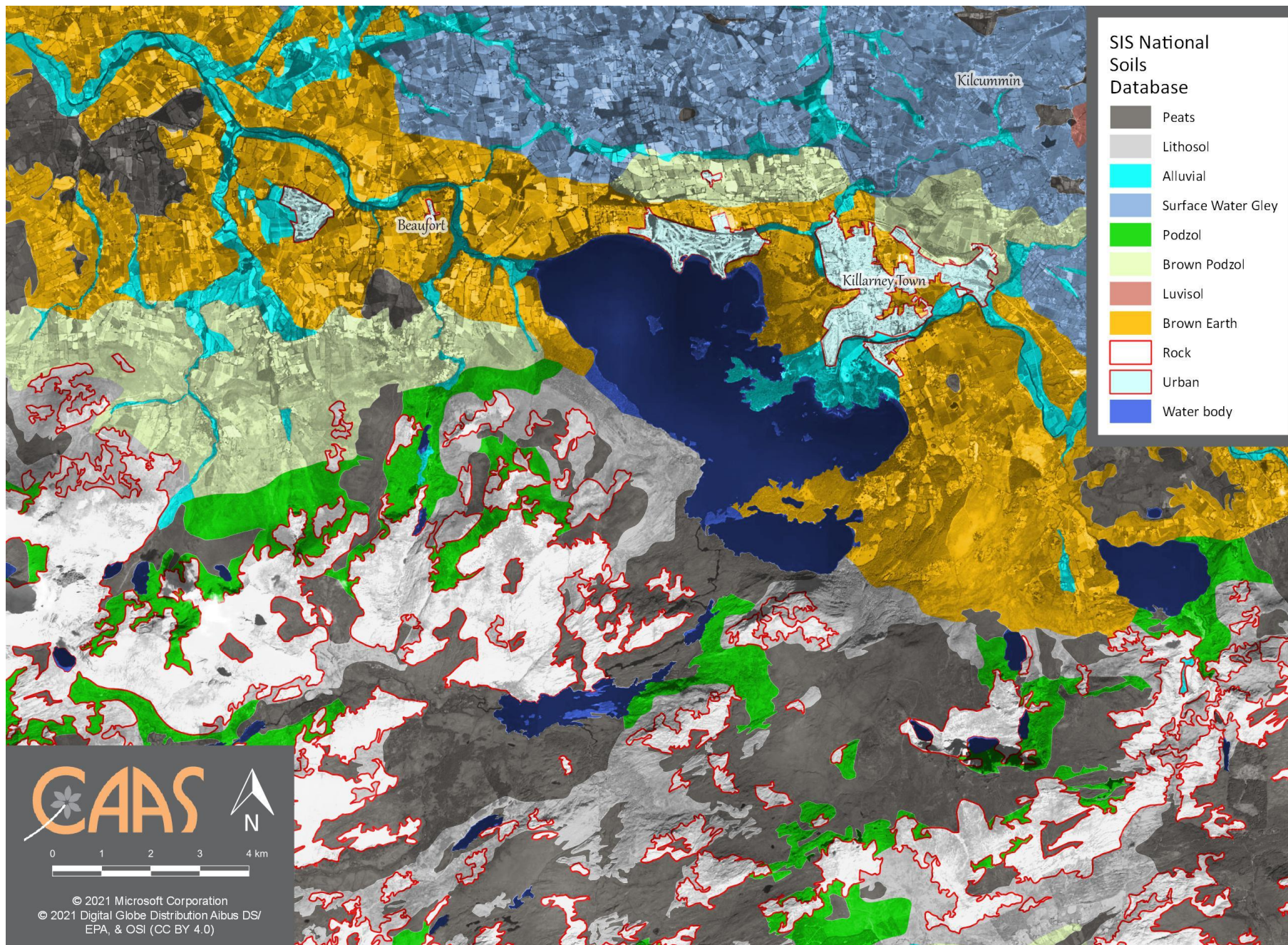


Figure 4.9 Soils

CAAS for Fáilte Ireland

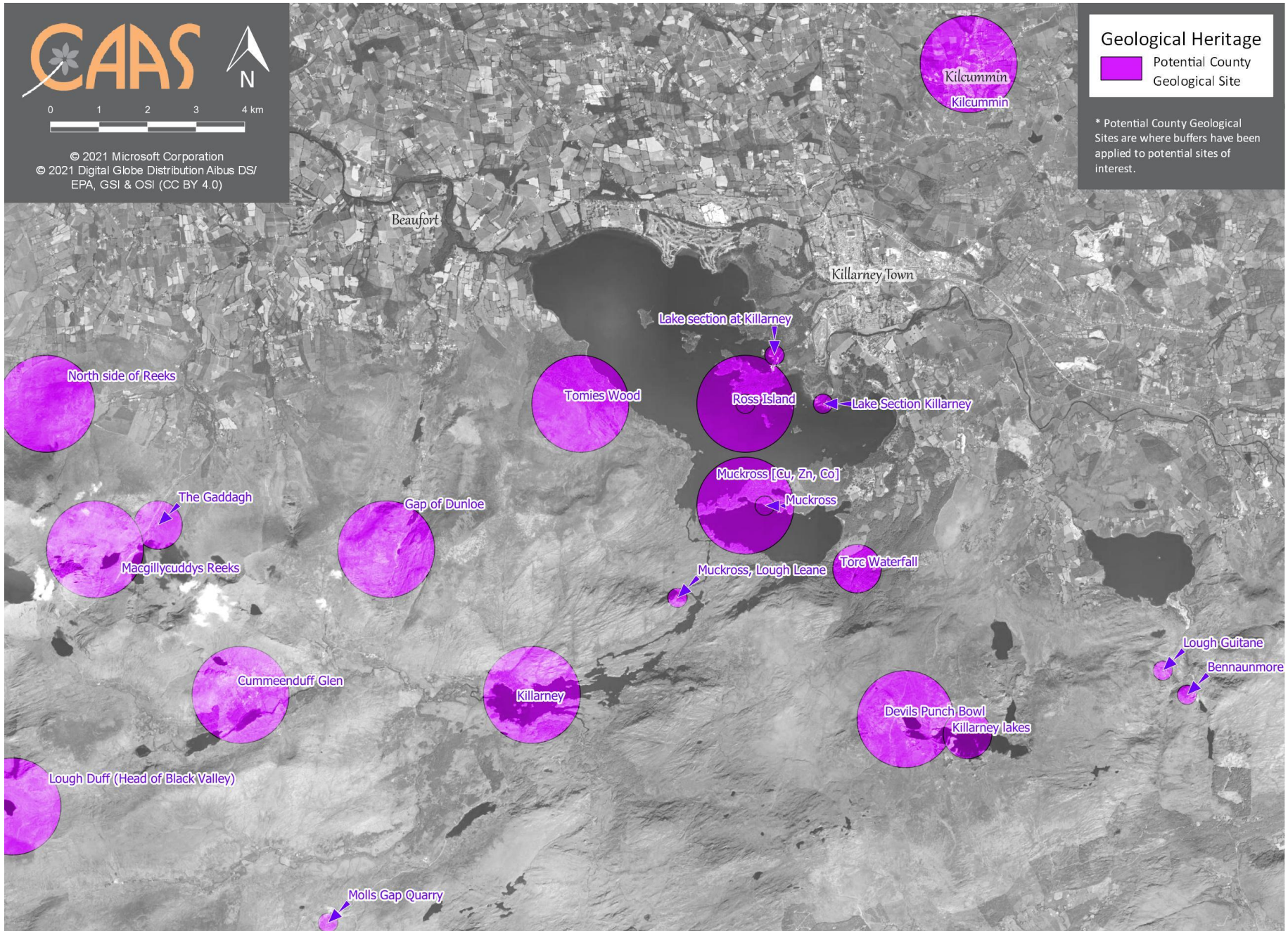


Figure 4.10 Geological Heritage

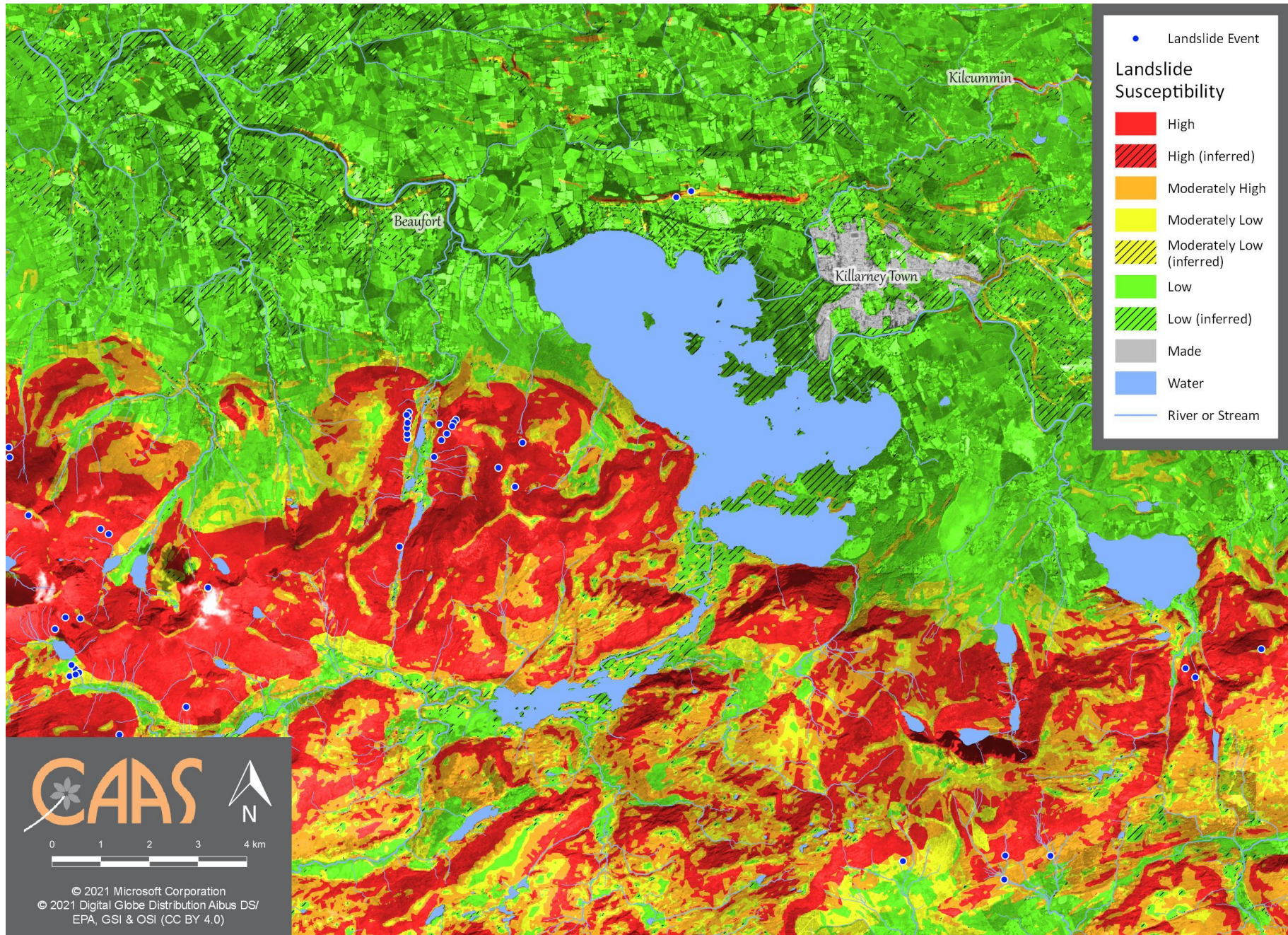


Figure 4.11 Landslide Susceptibility and Previous Landslide Events

4.8 Water

4.8.1 The Water Framework Directive

Since 2000, Water Management in the EU has been directed by the Water Framework Directive 2000/60/EC (WFD). The WFD requires that all Member States implement the necessary measures to prevent deterioration of the status of all waters - surface, ground, estuarine and coastal - and protect, enhance and restore all waters with the aim of achieving *good status*. All public bodies are required to coordinate their policies and operations so as to maintain the *good status* of water bodies which are currently unpolluted and improve polluted water bodies to *good status*.

Article 4 of the WFD sets out various exemptions for deterioration in status caused as a result of certain physical modifications to water bodies. This is provided: all practicable mitigation measures are taken; there are reasons of overriding public interest or the benefits to human health, safety or sustainable development outweigh the benefits in achieving the WFD objective; there are no better alternatives; and the reasons for the physical modification are explained in the River Basin Management Plan (RBMP).

The EU's Common Implementation Strategy Guidance Documents No. 20 and 36 provide guidance on exemptions to the environmental objectives of the WFD.

For the purpose of assessment, reporting and management, water is divided into groundwater, rivers, lakes, estuarine waters and coastal waters that are in turn divided into specific, clearly defined water bodies.

4.8.2 Zone of Influence

The Zone of Influence of the Plan beyond the area to which the Plan relates, with respect to impacts upon waters can be estimated to be all bodies of groundwater and all surface waters downstream areas of catchments which drain the area to which the Plan relates.

⁵³ This catchment includes the area drained by the Rivers Laune and Maine and all streams entering tidal water between Glanearagh Head and Clogher Head in County Kerry, draining a total area of 2,036km².

4.8.3 Surface Water Drainage

A catchment is an area of land contributing to a waterbody, with all the water ultimately running off to a single outlet. The WFD requires water quality management to be based on natural river catchments i.e., by reference to the natural, environmental unit rather than by reference to administrative or legal boundaries, which often fragment river catchments.

The area to which the Plan relates falls within two large river catchments: mainly within Laune-Maine-Dingle Bay⁵³ catchment and partially within Dunmanus-Bantry-Kenmare⁵⁴ catchment. The surface water from the area to which the Plan relates drains mainly into the Laune sub-catchment and partially to the Crinnagh, Flesk and Deenagh sub-catchments.

The main waterbodies in the area to which the Plan relates include: Lough Leane; Lough Muckcross; Lough Guitane; River Deenagh; and River Flesk.

4.8.4 Surface Water Status

The WFD defines 'overall surface water status' as the general expression of the status of a body of surface water, determined by the poorer of its ecological status and its chemical status. Thus, in order to achieve 'good surface water status' both the ecological status and the chemical status of a surface water body need to be at least 'good'.

Ecological status is an expression of the structure and functioning of aquatic ecosystems associated with surface waters. Such waters are classified as of 'good ecological status' when they meet Directive requirements.

Chemical Status is a pass/fail assignment with a failure defined by a face-value exceedance of an Environmental Quality Standards (EQS) for one or more Priority Action Substances (PAS) listed in Annex X of the Water Framework Directive (WFD). The EQS values for individual PAS substances are set at European level. Good surface water chemical status means that concentrations of pollutants in the water body

⁵⁴ This catchment includes the area drained by all streams entering tidal water in Dunmanus, Bantry and Kenmare Bays between Mizen Head and Glanearagh Head in County Kerry, draining a total area of 1,898km².

do not exceed the environmental limit values specified in the Directive.

The WFD surface water status (2013-2018) for rivers and lakes, within and surrounding the area to which the Plan relates is shown on Figure 4.12.

There are also a number of *unassigned*⁵⁵ waterbodies within and surrounding the area to which the Plan relates.

The WFD status of the surface waters in the area to which the Plan relates is classified as *high*, *good* and *moderate* however, sections⁵⁶ of rivers Deenagh, Caragh and Gweestin are identified as being of *poor* due to unsatisfactory ecological/biological and/or physio-chemical status.

The status of lakes within the area to which the Plan relates ranges from *high* (including Lough Muckcross) to *good* (including lakes Guitane and Leane) and *moderate* (including Ross Bay and Upper KY).

In addition to this, many water bodies are identified as being at risk of not achieving their water quality objectives due to the damage being caused by significant pressures⁵⁷. Significant pressures, those pressures which need to be addressed in order to improve water quality, have been identified for waterbodies that are 'At Risk' of not meeting their water quality objectives under the WFD. Significant pressures for surface water bodies within or adjacent to the area to which the Plan relates are identified on Table 4.2. There are various types of pressures identified, such as:

- **Agricultural pressures** - can include issues related to farming including loss of excess nutrients and sediment loss to surface waters from diffuse sources such as spreading of fertilisers and manures. Excess phosphorous and sediment are typically issues for rivers and lakes, and too much nitrogen is the main issue for estuaries and coastal waters.
- **Urban run-off pressures** - can include leaking sewers and run-off from paved and unpaved areas and misconnections where private foul connections are connected to storm sewers instead of the foul sewer network.
- **Urban wastewater pressures** - can include direct discharge of nutrients from urban wastewater treatment plants and discharge from combined storm overflows or storm water overflows. Discharges of elevated concentrations

of phosphorus, ammonium and nitrogen impact on the ecology of surface waters.

- **Hydromorphological and anthropogenic pressures** are identified together in many instances. Hydromorphological pressures can include: modifications to the physical habitat conditions or the natural functioning of a waterbody which can impact on ecology, caused by dredging and straightening of rivers (chanellisation), land drainage or hard infrastructure such as dams, weirs, culverts or other obstructions. Anthropogenic pressures can include: water abstractions; invasive species; agriculture; use of fertilizers, manures and pesticides; animal husbandry activities; inefficient irrigation practices; deforestation of woods; aquaculture; pollution due to industrial effluents and domestic sewage; mining; and recreational activities.
- **Industrial pressures** - can include discharges and emissions from industrial and commercial facilities.
- **Extractive industry related pressures** - can include different activities that lead to the extraction of raw materials from the earth, such as oil, metals, mineral and aggregates. Impacts from extractive sites include sediment/siltation pollution and alteration to the physical environment.
- **Invasive species pressures** - can include those relating to non-native species introduced outside their natural range that threaten ecosystems, habitats and native species with environmental or socio-economic harm. Currently 37 species have been identified across the EU as a high priority for management, and nine of these occur in Ireland. The potential impacts of IAS include the alteration of eco-systems (by causing bank erosion, for example), inhibition of access to water bodies, hindrance of land development and, in some cases, potential human health impacts.
- **Atmospheric pressures** - can include atmospheric deposition of nutrients. Atmospheric deposition of nutrients is the process whereby nutrients from natural or anthropogenic sources move from the atmosphere to the earth's surface.
- **Forestry pressures** - can include poorly managed and inappropriately sited forest operations, negatively impact on water quality and aquatic habitats and species. The most common water quality problems arising from forestry relate to the release of sediment and nutrients and the impacts from acidification. Forestry may also give rise to changes in stream flow regimes caused by associated land drainage.

⁵⁵ There is a data gap relating to WFD surface water status data. Overall status is currently not assigned and the term "unassigned status" applies in respect of these waterbodies.

⁵⁶ As per EPA classification system (gis.epa.ie/EPAMaps).

⁵⁷ EPA (2019): Report on Water Quality in Ireland 2013-2018

Table 4.2 WFD River, Lake and Transitional Waterbodies Status⁵⁸

Waterbody Name (EPA Identification Code) ⁵⁹	Waterbody Type	WFD Surface Waterbody Status (2013 -2018) ⁶⁰
Deenagh_010	River	Poor - due to poor ecological/biological status. This waterbody is also identified to be under significant pressure from extractive industry sources.
Caragh_010	River	Poor – due to poor ecological/biological status. This waterbody is also identified to be under significant pressure from agricultural and hydromorphological sources.
Gweestin_040	River	Poor – due to poor ecological/biological status. This waterbody is also identified to be under significant pressure from agricultural and industrial sources.
Finow_020	River	Moderate. This waterbody is also identified to be under significant pressure from abstractions and anthropogenic sources.
Loe_010	River	Moderate. No pressures identified.
Cottoner's (Laune)_020	River	Moderate. This waterbody is also identified to be under significant pressure from agricultural and extractive industry sources.
Ross Bay	Lake	Moderate. This waterbody is also identified to be under significant pressure from urban run-off and urban wastewater pressures.
Upper KY	Lake	Moderate. This waterbody is also identified to be under significant pressure from forestry sources.
Owgarriff (Finow)_010	River	Good. No pressures identified.
Owenreagh_020	River	Good. No pressures identified.
Laune_030	River	Good. No pressures identified.
Laune_020	River	Good. No pressures identified.
Laune_040	River	Good. No pressures identified.
Flesk (Kerry)_060	River	Good. No pressures identified.
Flesk (Kerry)_050	River	Good. No pressures identified.
Deenagh_020	River	Good. No pressures identified.
Cleady_010	River	Good. This waterbody is also identified to be under significant pressure from hydromorphological sources.
Cottoner's (Laune)_010	River	Good. No pressures identified.
Finglas (Laune)_010	River	Good. No pressures identified.
Finnihy_010	River	Good. No pressures identified.
Finow_010	River	Good. This waterbody is also identified to be under significant pressure from agricultural sources.
Gaddagh_010	River	Good. No pressures identified.
Gweestin_010	River	Good. No pressures identified.
Gweestin_030	River	Good. No pressures identified.
Kealduff_010	River	Good. This waterbody is also identified to be under significant pressure from forestry sources.
Loo_010	River	Good. No pressures identified.
Owbeg (Roughy)_010	River	Good. No pressures identified.
Owbeg (Roughy)_020	River	Good. No pressures identified.
Owneykeagh_010	River	Good. No pressures identified.
Guitane	Lake	Good. No pressures identified.
Leane	Lake	Good. No pressures identified.
Castlemaine Harbour	Transitional	Good. No pressures identified.
Gearhameen_010	River	High. No pressures identified.
Gearhameen_020	River	High. No pressures identified.
Crinnagh_010	River	High. No pressures identified.
Gaddagh_020	River	High. No pressures identified.
Owenreagh_010	River	High. No pressures identified.
Muckcross	Lake	High. No pressures identified.

⁵⁸ Source: <https://gis.epa.ie/EPAMaps/> and <https://gis.epa.ie/EPAMaps/Water>.

⁵⁹ The number at the end of each river water body name indicates where the water body is located along the main river channel. For example, the water body at the source is coded '_010', the next water body downstream is coded '_020' and the final water body before the river becomes transitional is '_180'.

⁶⁰ There is a data gap relating to WFD surface water status data. There are a number of waterbodies within the Plan area with overall status currently not assigned to them and the term '*unassigned status*' applies in respect of these waterbodies. These are not included on Table 4.2.

4.8.5 Groundwater

Groundwater is stored in the void spaces in underground layers of rock, or aquifers. These aquifers are permeable, allowing both the infiltration of water from the soils above them and the yielding of water to surface and coastal waters. Groundwater is the part of the subsurface water that is in the saturated zone - the zone below the water table, the uppermost level of saturation in an aquifer at which the pressure is atmospheric, in which all pores and fissures are full of water.

For groundwater bodies, the approach to classification is different from that for surface water. For each body of groundwater, both the chemical status and the quantitative must be determined. Both have to be classed as either *good* or *poor*. The WFD sets out a series of criteria that must be met for a body to be classed as good chemical and quantitative status.

The WFD groundwater status (2013-2018) of all groundwater underlying the area to which the Plan relates (shown on Figure 4.13) is identified as being of *good* status, meeting the objectives of the WFD.

4.8.6 Aquifer Vulnerability and Productivity

The Geological Survey of Ireland (GSI) rates groundwaters according to both their productivity and vulnerability to pollution.

Aquifer vulnerability refers to the ease with which pollutants of various kinds can enter into groundwater. The vulnerability of aquifers underlying the area to which the Plan relates are mapped on Figure 4.14 and generally classified as being of:

- *High, Moderate or Low vulnerability*, mainly in the north and north-east of the area to which the Plan relates; and
- *Extreme vulnerability and extreme (rock at or near surface or karst)* mainly in the south and south-west of the area to which the Plan relates and occasionally in some parts of the north in the area to which the Plan relates.

⁶¹ Various water bodies are used for drinking water abstraction in accordance with European Communities (Drinking Water) (No. 2) Regulations 2007 (S.I. No. 278/2007).

⁶² Nutrient sensitive areas are those waterbodies listed in accordance with the Urban Waste Water Treatment

The GSI also rates aquifers based on the hydrogeological characteristics and on the value of the groundwater resource. This is referred to as aquifer productivity and is mapped Figure 4.15. Productivity classifications within the area to which the Plan relates include:

- *Locally important aquifer bedrock karstified;*
- *Locally important aquifer bedrock which is moderately productive only in local zones;*
- *Poor aquifer bedrock which is generally unproductive except for local zones;*
- *Regionally important aquifer karstified (diffuse);* and
- *Locally important gravel aquifer.*

4.8.7 WFD Registers of Protected Areas

The WFD requires that Registers of Protected Areas (RPAs) are compiled for a number of water bodies or part of water bodies which must have extra controls on their quality by virtue of how their waters are used by people and by wildlife.

The WFD requires that these RPAs contain: areas from which waters are taken for public or private water supply schemes; designated shellfish production areas; bathing waters; areas which are affected by high levels of substances most commonly found in fertilizers, animal and human wastes - these areas are considered nutrient sensitive; areas designated for the protection of habitats or species e.g. Special Areas of Conservation (SACs); and, Special Protection Areas (SPAs). Entries to the RPAs within and adjacent to the area to which the Plan relates, include:

- WFD Drinking Water Surface Water Bodies⁶¹ (as mapped on Figure 4.16), including lakes: Lough Guitane; Lake Callee; Lake Eirk; and rivers: Gaddagh_020; Cottoner's (Laune)_010; and Owgarrieff (Finow)_010. Groundwater beneath the entire area to which the Plan relates is also included;
- WFD Nutrient Sensitive Areas⁶² (as mapped on Figure 4.17), comprising Lough Leane; and

(UWWT) Directive 91/271/EEC on Urban Waste Water Treatment and transposing Regulations. The waterbody containing the sensitive area is used to represent the nutrient sensitive area.

- WFD Surface Water⁶³ and Groundwater⁶⁴ in Nutrient Surface Areas (as shown on Figure 4.17).

There are also a number of RPAs in the area to which the Plan relates designated by virtue of their value to biodiversity - these are addressed under Section 4.5.

4.8.8 Flooding

Certain areas across the area to which the Plan relates are at risk from pluvial⁶⁵ and fluvial⁶⁶ flooding. Historical flooding is documented at a number of locations, including along the River Deenagh and River Flesk in the centre of the area to which the Plan relates.

Predictive flood risk mapping is available from the Office of Public Works (OPW) for rivers and lakes across the area to which the Plan relates⁶⁷.

A number of settlements in County Kerry are identified by this mapping as being at elevated risk of flooding, including Killarney Town.

Strategic Flood Risk Assessment (SFRA) as required by the 'The Planning System and Flood Risk Management Guidelines for Planning Authorities' (OPW and DEHLG, 2009) is relevant to project planning and development and associated environmental assessment and administrative consent of projects.

4.8.9 Existing Problems

Subject to exemptions provided for by Article 4 of the WFD, based on available water data, certain surface and groundwater bodies will need improvement in order to comply with the objectives of the WFD.

There is historic and predictive evidence of elevated levels of flood risk from fluvial and coastal sources at various locations across the area to which the Plan relates.

⁶³ Areas designated as sensitive under the Urban Waste Water Treatment Directive (91/271/EEC) and transposing Regulations.

⁶⁴ Groundwater bodies that intersect with areas designated as sensitive under the Urban Waste Water Treatment Directive (91/271/EEC) and transposing Regulations.

⁶⁵ Resulting from high intensity rainfall events where run-off volume exceeds capacity of surface water network.

⁶⁶ Watercourse capacity is exceeded or the channel is blocked and excess water spills from the channel onto adjacent floodplains.

⁶⁷ www.floodinfo.ie

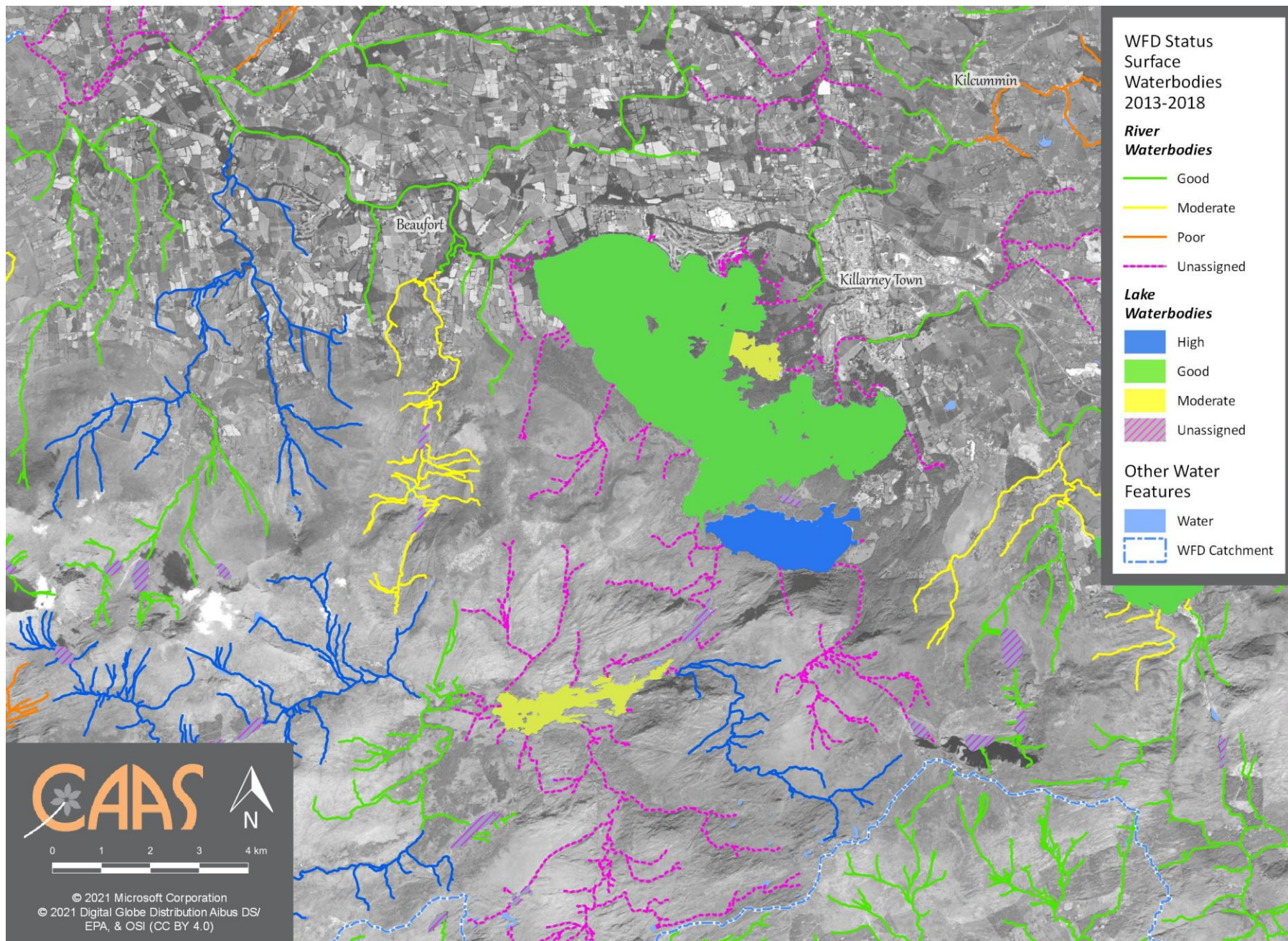


Figure 4.12 WFD Surface Waterbodies Status (2013-2018)

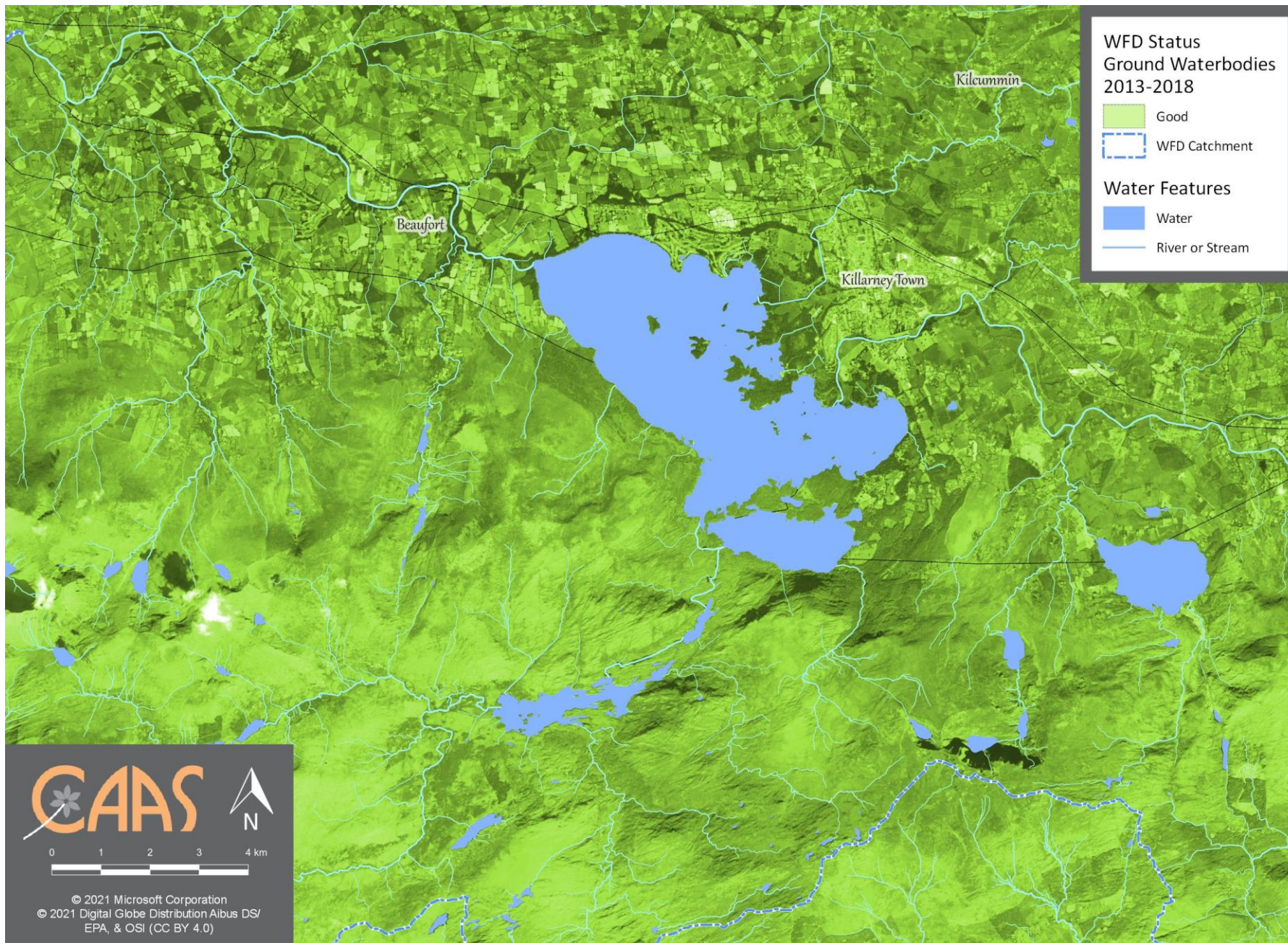


Figure 4.13 WFD Groundwater Status (2013-2018)

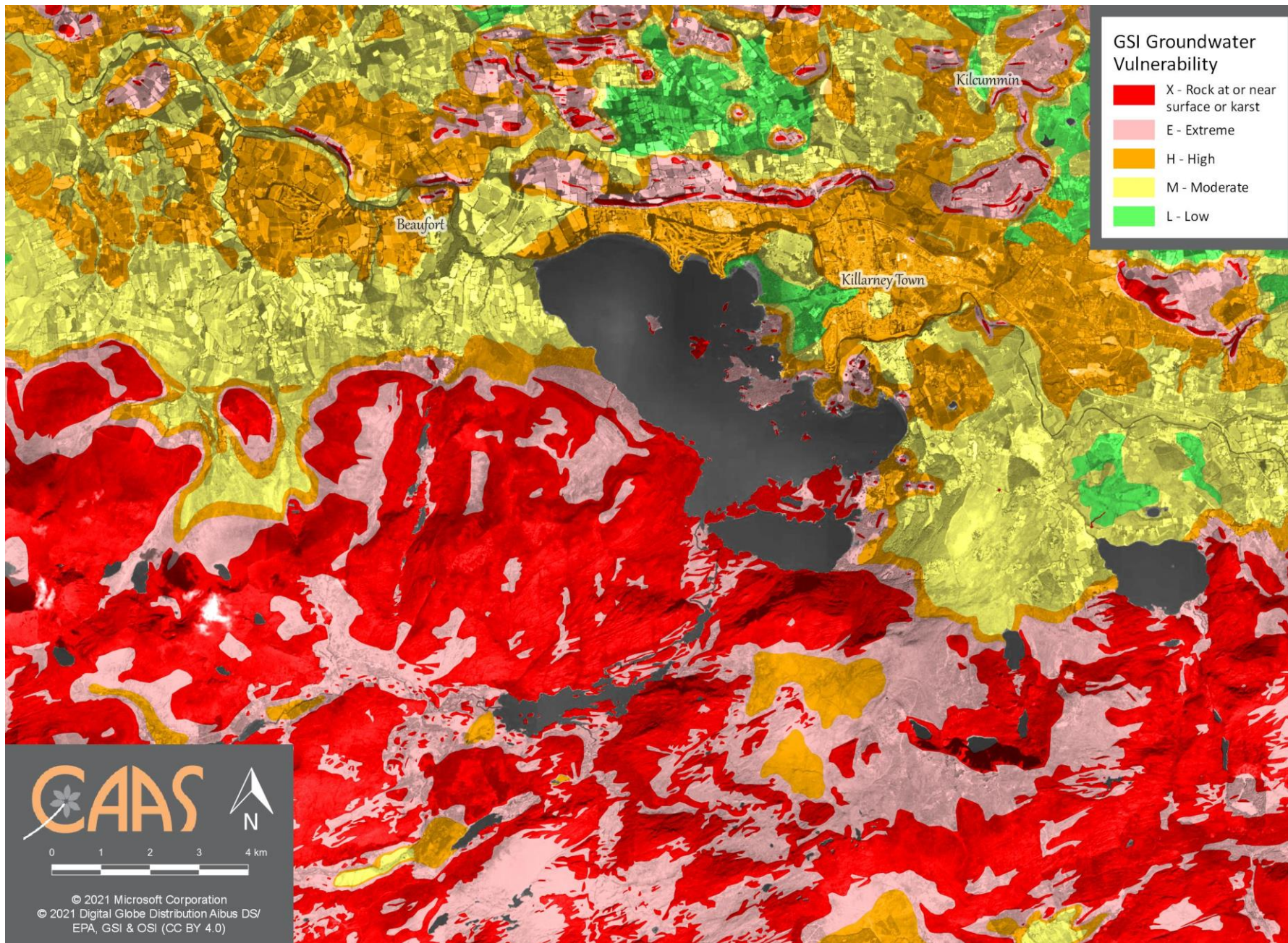


Figure 4.14 Groundwater Vulnerability

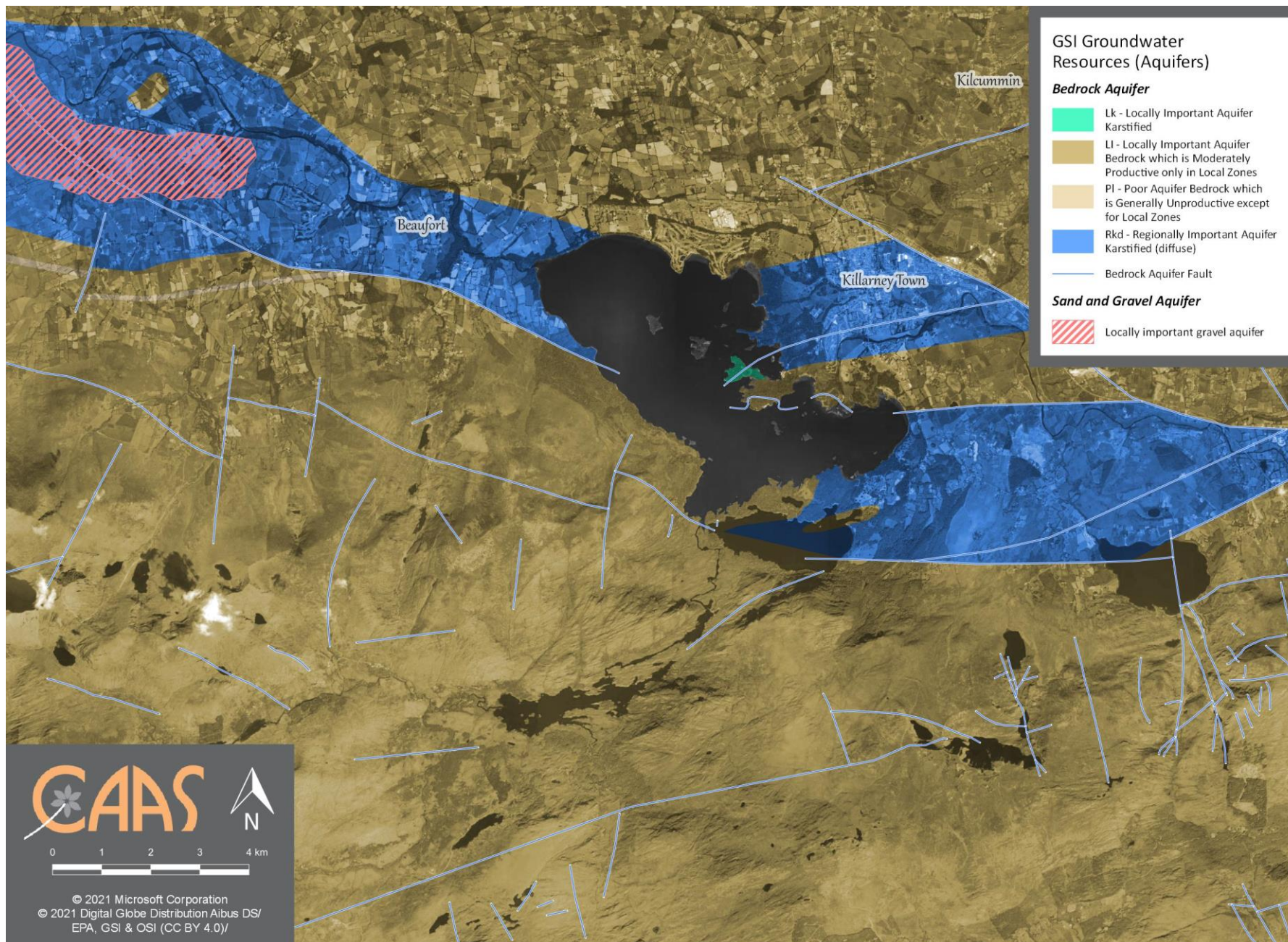


Figure 4.15 Groundwater Productivity

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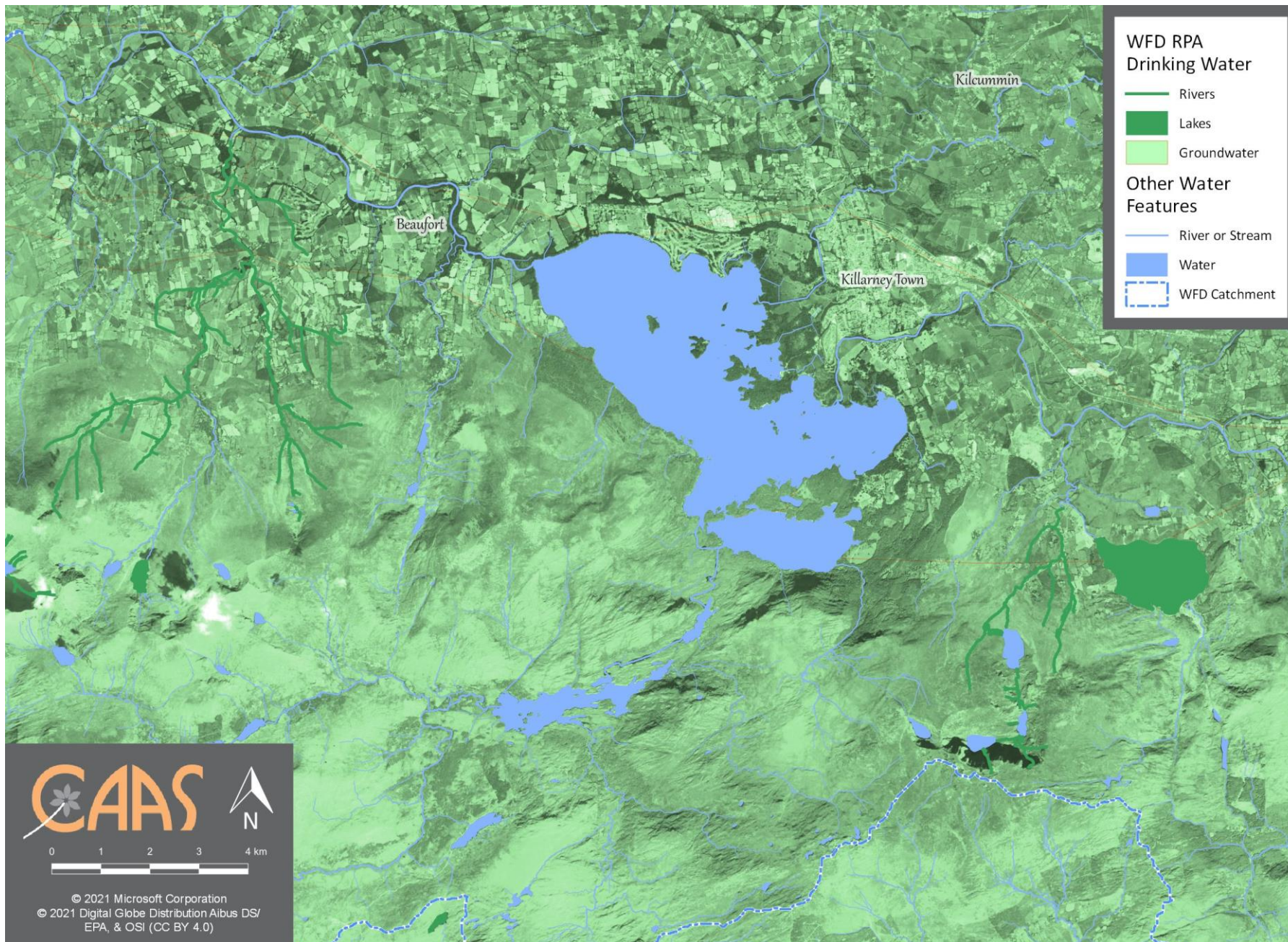


Figure 4.16 WFD Register of Protected Areas: Drinking Water

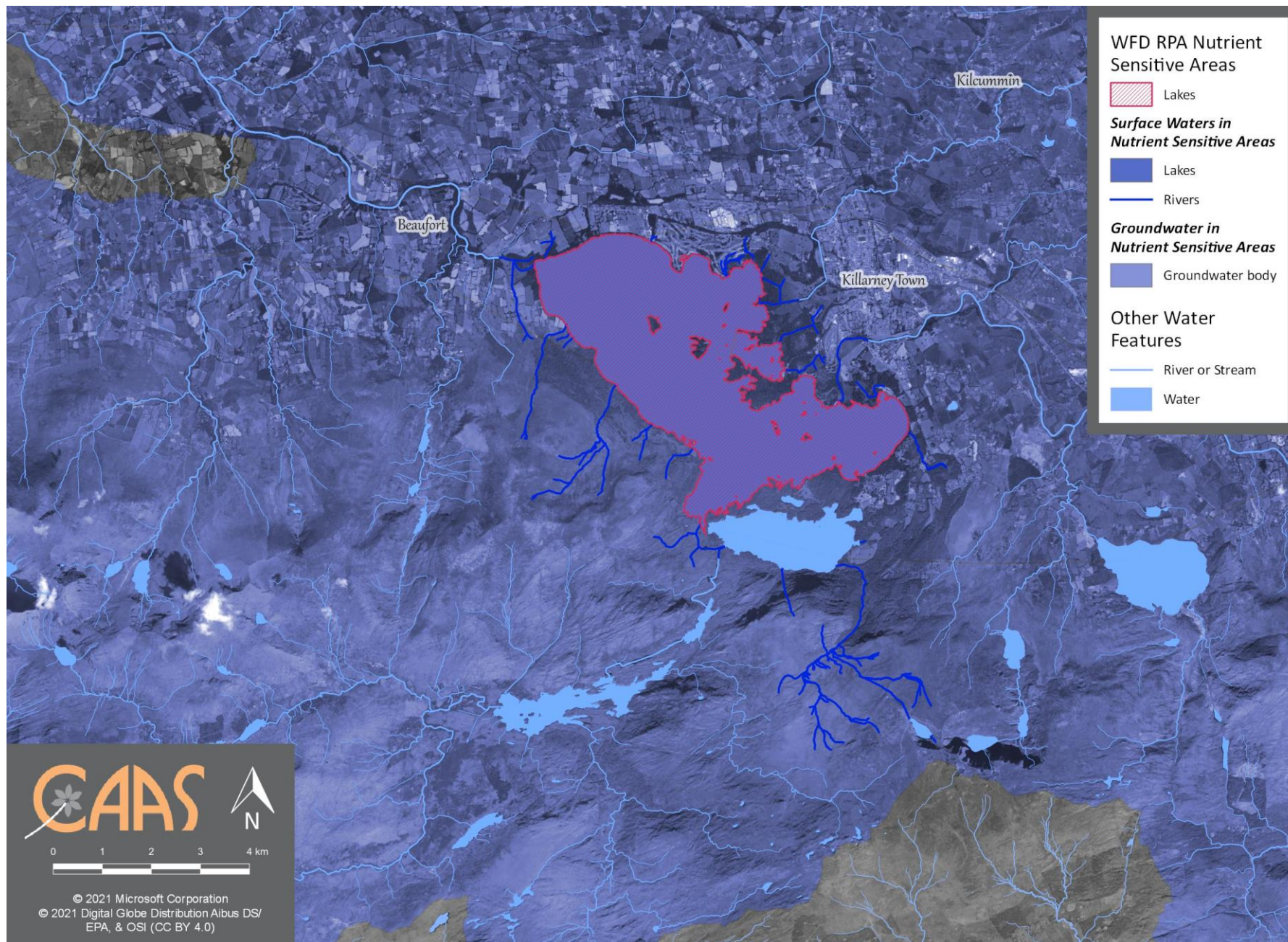


Figure 4.17 WFD Register of Protected Areas: Nutrient Sensitive Areas

4.9 Air and Climatic Factors

4.9.1 Climatic Factors

Various provisions relating to climatic factors have been integrated into the Plan, compliance with which will need to be demonstrated by those seeking or maintaining funding from Fáilte Ireland. Such measures include those relating to (for more detail refer to Section 9):

- Walking and cycling; and
- Contribution towards European and national objectives for climate adaptation and mitigation, taking into account a wide range of detailed measures including those relating to resilience.

Interactions with climatic factors are also present with other environmental components including water/flooding (see Section 4.8).

Total emissions of greenhouse gases by humans come from various sectors including transport, agriculture, energy industries, manufacturing combustion, industrial processes, residential developments, commercial services developments, waste management processes and fluorinated gases equipment (such as refrigeration and fire protection systems).

Ireland's Provisional Greenhouse Gas Emissions 1990-2017 (EPA, 2018) details estimates of greenhouse gas emissions for the period 1990-2017. For 2017, total national greenhouse gas emissions are estimated to be 60.75 million tonnes of carbon dioxide equivalent (Mt CO₂eq). This is 0.9% lower (0.53 Mt CO₂eq) than emissions in 2016.

The EPA 2021 publication *Ireland's Greenhouse Gas Emission Projections 2020-2040* provides an assessment of Ireland's total projected greenhouse gas emissions from 2020 to 2040, updated using the latest Inventory data for 2019. The report also includes an assessment of progress towards achieving its emission reduction targets for 2020 and 2030 as set out under the EU Effort Sharing Decision (ESD)⁶⁸ and Effort Sharing Regulation (ESR)⁶⁹. Key findings identified as part of the report's package of documents are that:

- Implementation of "Additional Measures" (including those in the 2019 Climate Action Plan) is projected to save 58 Mt CO₂ eq over the period 2021-2030 compared to the "With Existing Measures". This represents a reduction of 1.8% per annum in emissions over the period.
- Ireland's emissions covered by the 2013-2020 EU Effort Sharing Decision target are estimated to have been 7% below 2005 levels in 2020. Ireland is estimated to have cumulatively exceeded its compliance obligations by 12.2 Mt CO₂ eq over the 2013- 2020 period, and will need to use credits and/or purchase surplus annual emission allocations from other member states to achieve compliance.
- These Projections indicate that Ireland can meet its non-ETS EU targets over the period 2021 to 2030 assuming full implementation of the 2019 Climate Action Plan and the use of the flexibilities available. Future, more ambitious targets as presented in the European Climate Law and Ireland's Climate Bill will require many (as yet unidentified) additional measures.
- Increased renewable electricity generation, including a projected 5GW of offshore wind generation, is expected to contribute to a 70% contribution of renewable energy in electricity generation by 2030. Energy industries emissions are projected to decrease by one third by 2030 compared to the most recent figures in 2019.
- Agriculture emissions are projected to decline by 1.2% per annum over the 2021-2030 period, provided the 16.5 Mt CO₂ eq savings from the agriculture sector identified in the 2019 Climate Action Plan are realised. Increase use of protected urea fertilisers and low emission slurry spreading, along with other measures targeting methane emissions from animals, will be required.
- The impact of COVID is projected to have led to a 14% reduction in transport emissions in 2020 compared to 2019. The measures in the 2019 Climate Action Plan include 936,000 electric vehicles on the road by 2030 and are projected to reduce emissions to 25.5% below 2019 levels by 2030. It will be necessary to avoid a post-COVID surge in emissions to achieve that reduction.
- The projected impact of COVID in the residential sector in 2020 is an increase of almost 9% in emissions compared to 2019, driven by increased working from home. This highlights the need for our houses to become far more efficient, particularly in the context of broader home working. Implementing the 2019 Climate Action Plan measure for the installation of over 600,000 heat-pumps by 2030 as well as retrofitting 500,000 homes to a B2 equivalent BER will help achieve this.

⁶⁸ Decision No 406/2009/EC of 23 April 2009 on the effort of Member States to reduce their greenhouse gas emissions to meet the Community's greenhouse gas emission reduction commitments up to 2020.

⁶⁹ Regulation (EU) 2018/842 of on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030 contributing to climate action to meet commitments under the Paris Agreement.

- A strong impact from COVID is seen in the emissions projections for 2020 and 2021. A decrease of transport emissions and increase in residential emissions are the most obvious effects projected. Agriculture emissions are projected to have been little affected and energy emissions decreases are not primarily COVID related. As the economy exits from COVID restrictions, a “green recovery” where investment is targeted at measures which reduce or avoid greenhouse gas emissions, can result in better outcomes for society and the environment.
- The scale and pace of the changes needed to achieve the targets set out in the 2019 Climate Action Plan are significant, but the extent of change required to meet the Climate Bill and European Climate Law targets is unprecedented. Further ambitious measures in key sectors such as agriculture, transport and power generation will need to be identified, planned and implemented as soon as possible.

In 2020 the sectors with the largest contribution of emissions were agriculture (37.4%), transport (18.4%) and energy industries (14.8%). This projection includes the impact of COVID on the 2020 emissions which due to national lockdowns saw transport emissions decline, but agriculture emissions largely unaffected. The main source of emissions from the transport sector was road transport, accounting for approximately 95% of transport emissions in 2019. The contribution by the transport sector to Ireland’s greenhouse gas emissions highlights the need for a concentrated effort to reduce transport emissions.

The revised National Climate Action Plan 2021 provides a detailed plan for taking decisive action to achieve a 51% reduction in overall greenhouse gas emissions by 2030 and setting us on a path to reach net-zero emissions by no later than 2050, as committed to in the Programme for Government and set out in the Climate Act 2021. The Plan lists the actions needed to deliver on our climate targets and sets indicative ranges of emissions reductions for each sector of the economy. It will be updated annually, including in 2022, to ensure alignment with our legally binding economy-wide carbon budgets and sectoral ceilings.

The National Adaptation Framework (Department of Communications, Climate Action and Environment, 2018), sets out the national strategy to reduce the vulnerability of the country to the negative effects of climate change and to avail of positive impacts. The National Adaptation Framework outlines a

whole of government and society approach to climate adaptation. Under the Framework, a number of Government Departments will be required to prepare sectoral adaptation plans in relation to a priority area that they are responsible for. The statutory Climate Change Adaptation Plan for the Transport Sector was prepared under the Climate Action and Low Carbon Development Act (2015) and the National Adaptation Framework (2018) and published by the Department of Transport in 2019. The plan sets out the national strategy to reduce Ireland’s vulnerability to the negative effects of climate change and to avail of any positive impacts, with an objective to help develop resilience within the sector in order to safeguard transport infrastructure from future climate impacts.

The use of alternative fuels, including electricity, forms a significant part of government policy to reduce emissions, including from transport. Greater use of alternative fuels, including renewable energy, has the potential to further contribute towards energy security.

4.9.2 Ambient Air Quality

In order to protect human health, vegetation and ecosystems, EU Directives set down air quality standards in Ireland and the other Member States for a wide variety of pollutants. These pollutants are generated through fuel combustion, in space heating, traffic, electricity generation and industry and, in sufficient amounts, could affect the well-being of the areas inhabitants. The EU Directives include details regarding how ambient air quality should be monitored, assessed and managed.

The principles to this European approach are set out in the Ambient Air Quality and Cleaner Air for Europe (CAFE) Directive (2008/50/EC) (which replaces the earlier Air Quality Framework Directive 1996 and the first, second and third *Daughter Directives*; the fourth *Daughter Directive* will be included in CAFE at a later stage).

In order to comply with the directives mentioned above, the EPA measures the levels of a number of atmospheric pollutants. For the purposes of monitoring in Ireland, four zones are defined in the Air Quality Standards Regulations 2002 (SI No. 271 of 2002).

The EPA's (2020) *Air Quality in Ireland 2019* identifies that:

- Air quality in Ireland is generally good however there are localised issues;
- Nitrogen dioxide (NO₂) from transport emissions is polluting urban areas; and
- Ireland was above World Health Organization air quality guideline value levels at 33 monitoring sites – mostly due to the burning of solid fuel within settlements across the country.

Problem pollutants identified by the EPA include particulate matter from burning of solid fuel and nitrogen dioxide from transport emissions in urban areas. Indications that Ireland will exceed EU limit values for nitrogen dioxide in the near future.

With regards to solutions, the report identifies that:

- To tackle the problem of particulate matter, clean ways of heating homes and improve energy efficiency of homes can be progressed; and
- To reduce the impact of nitrogen dioxide, transport options in the Government's Climate Action Plan can be implemented and transport choices can be considered by individuals.

In order to apply with European Directives relating to air quality, the EPA manages the National Ambient Air Quality Network and measures the levels of a number of atmospheric pollutants at locations across the country. The current⁷⁰ air quality in Killarney is identified by the EPA as being *good*.

4.9.3 Noise

Noise is unwanted sound. The Noise Directive - Directive 2002/49/EC relating to the assessment and management of environmental noise - is part of an EU strategy setting out to reduce the number of people affected by noise in the longer term and to provide a framework for developing existing EU policy on noise reduction from source. The Directive requires competent authorities in Member States to:

- Draw up *strategic noise maps* for major roads, railways, airports and agglomerations, using harmonised noise indicators and use these maps to assess the number of people which may be impacted upon as a result of excessive noise levels;
- Draw up action plans to reduce noise where necessary and maintain environmental noise quality where it is good; and,
- Inform and consult the public about noise exposure, its effects, and the measures considered to address noise.

⁷⁰ 01/11/2021 (<http://www.epa.ie/air/quality/>)

In compliance with the Directive and transposing Environmental Noise Regulations (S.I. No. 140 of 2006), Noise Action Plans have been prepared for each local authority area within the country. The Action Plans include noise mapping and are required to include measures to manage noise issues and effects, including noise reduction if necessary.

4.9.4 Existing Problems

The Climate Change Advisory Council's Annual Review 2020 identified that the most recent projections demonstrate that, Ireland will only meet its existing emissions reduction targets with a full and successful implementation of all measures in the Climate Action Plan. The Council also emphasises that the mitigation efforts will have to increase in implementation and delivery of these measures to meet legislated EU targets and to achieve carbon neutrality by 2050.

4.10 Material Assets

4.10.1 Water Services

4.10.1.1 Wastewater

The EPA's 2021 report '*Urban Waste Water Treatment in 2020*' identified that:

- Wastewater treatment at 12 large urban areas did not meet European standards;
- Raw sewage is released into the environment from 34 urban areas;
- Wastewater from 42 priority areas is the sole threat to waters at risk of pollution;
- Wastewater contributed to poor quality bathing waters at three beaches in 2020;
- Discharges from 12 areas must improve to protect freshwater pearl mussels;
- Seven wastewater collection systems have been found non-compliant with European Union requirements.

Based on the EPA's assessment of monitoring information provided by Irish Water and the enforcement activities carried out by the EPA, this report identifies urban areas with the most important environmental issues that must be addressed. There are four Wastewater Treatment Plants (WWTP) in County Kerry listed as priority areas, where improvements are required to resolve urgent environmental issues (comprising: Abbeydorney and Tralee).

The area to which the Plan relates is served by a combined sewer network, including septic tanks and sewerage treatment schemes serving agglomerations under 500 P.E. and urban WWTPs, including location within Killarney. Killarney WWTP provides for tertiary treatment and has a design capacity of 54,000 PE.

The most recent Irish Water compliance report for the Killarney WWTP (Licence No. D0037-01) serving the area to which the Plan relates, shows that facility's operation and environmental performance are satisfactory and in compliance with the discharge licence limit values⁷¹.

Irish Water, working in partnership with Kerry County Council, are proposing to survey over 20 km of sewers and over 1,000 manholes to undertake essential upgrade works to wastewater treatment plants in towns and villages across County Kerry. These surveys will provide the basis to assess the capacity, condition and performance level of the sewer networks in the county.⁷²

4.10.1.2 Water Supply

Drinking water supply in the area to which the Plan relates is provided by domestic water wells, private and public water supply schemes, including the Central Regional Lough Guitane PWS.

The Central Regional Public Water Supply sources water from Lough Guitane and the Owgarraiff River. The drinking water treatment plant is located close to the western shoreline of Lough Guitane, approximately 10 km south-east of Killarney. The supply serves a population of 58,488 dispersed north of the treatment plant across the large towns of Killarney, Tralee and Castleisland, smaller villages and rural hinterland. The design capacity of the plant is 51,000 m³/day and the plant is currently producing 36,000 m³/day.⁷³

Under Section 58 of the Environmental Protection Agency Act 1992, the EPA is required to collect and verify monitoring results for all water supplies in Ireland covered by the European Communities (Drinking Water) Regulations, 2000. The EPA publishes their results in annual reports that are supported by Remedial Action Lists (RALs). The RAL identifies

water supplies that are not in compliance with the Regulations mentioned above.

The Central Regional Lough Guitane PWS is not listed on the most recent EPA Remedial Action List (Q2 of 2021).

4.10.2 Public Assets and Infrastructure

Killarney Town is the largest settlement in the area to which the Plan relates, designated a "Key Town" by the Regional Spatial and Economic Strategy for the Southern Region. Key Towns are strategically located urban centres with accessibility and significant influence in a sub-regional context. Killarney Town is described as a key national tourism town, having significant sub-regional role, being a part of the Kerry Hub Knowledge Triangle (with Tralee and Killorglin) and on the strategic road network linking with the Atlantic Economic Corridor.

The area to which the Plan relates is served by rail (connectivity to Tralee, Cork, Dublin, and Limerick via Mallow) bus, cycle network, regional and strategic roads and Kerry International Airport, c.18 km from Killarney with flights or services to Dublin, UK and Europe.

The area to which the Plan relates provides with access to Wild Atlantic Way, natural environment, Killarney National Park, Ring of Kerry, Ross Castle, Torc Waterfall and other significant cultural, tourism, recreation and sports assets including access to lakes, forests and mountains.

Public assets and infrastructure that have the potential to be impacted upon by the development of tourism related infrastructure, if unmitigated, include resources such as public open spaces, parks and recreational areas; public buildings and services; utility infrastructure (electricity, gas, telecommunications, water supply, wastewater infrastructure etc.). These resources are generally located within the immediate outskirts of urban/suburban areas.

Various provisions relating to material assets have been integrated into the Plan, compliance with which will need to be demonstrated by

⁷¹ Irish Water (2019) *Annual Environmental Reports (AERs)*

⁷²<https://www.water.ie/projects/local-projects/kerry-sewer-surveys/>

⁷³ <https://www.epa.ie/publications/compliance--enforcement/drinking-water/audit-reports/kerry/Central-Regional-Lough-Guitane-20.09.18.pdf>

those seeking or maintaining funding from Fáilte Ireland.

4.10.3 Waste Management

Waste management across the area to which the Plan relates is guided by the Southern Region Waste Management Plan 2015-2021. The Southern Region comprises: Limerick City and County Council; Tipperary County Council; Wexford County Council; Carlow County Council; Kilkenny County Council; Waterford City and County Council; Cork City Council; Cork County Council; Kerry County Council; and Clare County Council. The Plan provides a framework for the prevention and management of waste in a sustainable manner.

4.10.4 Existing Problems

The provisions of the Plan will contribute towards protection of the environment with regard to impacts arising from material assets.

The provisions of infrastructure and supporting services for development, particularly water and wastewater services, is critical.

2018 saw long dry spells, which Met Éireann compared to 1976 when similar drought conditions were experienced across the country. The prolonged hot weather during the summer caused a huge increase in water usage across the country. As demand for water rose to critical levels, Irish Water's supplies were put under severe stress as more water was being used than could be produced.

Irish Water is currently preparing a National Water Resources Plan (NWRP) to address issues with the supply and demand for drinking water in Ireland over the short, medium and long term. Measures have been integrated into the Plan that will ensure that those receiving funding from Fáilte Ireland will not direct additional tourists towards specific locations in instances where significant problems with critical infrastructure have been identified (for more detail refer to Section 9).

4.11 Cultural Heritage

4.11.1 Archaeological Heritage

Archaeology is the study of past societies through the material remains left by those societies and the evidence of their environment. Archaeological sites and monuments vary greatly in form and date; examples include earthworks of different types and periods, (e.g., early historic ringforts and prehistoric burial mounds), megalithic tombs from the Prehistoric period, medieval buildings, urban archaeological deposits and underwater features.

The European Convention on Protection of the Archaeological Heritage known as the Valletta Convention of 1992. This was ratified by Ireland in 1997 and requires that appropriate consideration be given to archaeological issues at all stages of the planning and development process.

Archaeological heritage is protected under the National Monuments Acts (1930-2004), Natural Cultural Institutions Act 1997 and the Planning Acts.

The Killarney region, including the area to which the Plan relates, has an important record of prehistoric monuments such as: the stone circle at Lissyviggeen; the copper mine at Ross Island; and many Early Medieval structures (including Aghadoe Romanesque Church, Round Tower and Castle, Innisfallen and Muckross Abbeys). The region also has the high density of burnt mounds/barrows and fulachta fiadh, which provide with an indicator of prehistoric settlement patterns and activity during the Bronze Age and Iron Age.⁷⁴

The Record of Monuments and Places (RMP) is an inventory, put on a statutory basis by amendment to the National Monuments Act 1994, of sites and areas of archaeological significance, numbered and mapped. It is available from the National Monuments Service and at archaeology.ie.

⁷⁴ Kerry County Development Plan 2015-2021

⁷⁵ The RMP was issued for each county between 1995 and 1998 in a similar format to the existing SMR. However, the RMP differs from the earlier lists in that, as defined in the Act, only monuments with known locations or places where there are believed to be monuments are included.

The term 'monument' includes all man-made structures of whatever form or date except buildings habitually used for ecclesiastical purposes. All monuments in existence before 1700 A.D. are automatically considered to be historic monuments within the meaning of the Acts. Monuments of architectural and historical interest also come within the scope of the Acts. Monuments include: any artificial or partly artificial building, structure or erection or group of such buildings, structures or erections; any cave, stone or other natural product, whether or not forming part of the ground, that has been artificially carved, sculptured or worked upon or which (where it does not form part of the place where it is) appears to have been purposely put or arranged in position; any, or any part of any, prehistoric or ancient tomb, grave or burial deposit, or, ritual, industrial or habitation site; and any place comprising the remains or traces of any such building, structure or erection, any such cave, stone or natural product or any such tomb, grave, burial deposit or ritual, industrial or habitation site, situated on land or in the territorial waters of the State', but excludes 'any building or part of any building, that is habitually used for ecclesiastical purposes' (National Monuments Acts 1930-2004).

A recorded monument is a monument included in the list and marked on the map, which comprises the RMP set out county by county under Section 12 of the National Monuments (Amendment) Act, 1994 by the Archaeological Survey of Ireland. The definition includes Zones of Notification within which requirements for notifications of proposed works apply.

A Sites and Monuments Record (SMR)⁷⁵ is a manual containing a numbered list of all certain and possible monuments. An Urban Archaeology Survey was completed in 1995 and contained reports on historic towns dating to before 1700 A.D. with a view to delineating zones of archaeological potential (SMR Zones of Notification). The SMR formed the basis for issuing the Record of Monuments and Places (RMP) - the statutory list of recorded monuments established under Section 12 of the National Monuments (Amendment) Act 1994.

Various archaeological monuments, including entries to the SMR and RMP are located within

The large archive and supporting database are managed by the National Monuments Service and the records are continually updated and supplemented as additional monuments are discovered. (<https://data.gov.ie/dataset/national-monuments-service-archaeological-survey-of-ireland>).

the area to which the Plan relates. Figure 4.18 shows the spatial distribution of recorded monuments within and surrounding the area to which the Plan relates. These monuments include examples of medieval sites such as town walls, religious foundations, castles and modest houses. Clusters of archaeological heritage are concentrated around Killarney Town and within other settlements in the area to which the Plan relates. These archaeological monuments include a number of National Monuments in State Care, such as: the Ogham Stone; Innisfallen Church; and Ross Castle. Other sites of archaeological importance include: St. Mary's/Lady's Well; St. Margaret's Well; Killarney House; the Lissivigeen Stone Circle; the monastery on Innisfallen Island; Muckross Abbey; copper mine at Ross Island; and the Ross Castle.

The Underwater Archaeology Unit was established within the National Monuments Service to manage and protect Ireland's underwater cultural heritage, including the quantification of the underwater resource and assessing development impacts in order to manage and protect this aspect of Ireland's heritage. The Shipwreck Inventory is principally a desktop survey with information gathered from a broad range of cartographic, archaeological and historical sources, both documentary and pictorial. An inventory of wrecks covering the coastal waters off County Dublin was published in 2008. Wrecks over 100 years old and archaeological objects found underwater are protected under the National Monuments (Amendment) Acts 1987 and 1994. Significant wrecks less than 100 years old can be designated by Underwater Heritage Order on account of their historical, archaeological or artistic importance. Such Orders can also be used to designate areas of seabed or land covered by water to more clearly define and protect wreck sites and archaeological objects. Under the legislation all diving on known protected wreck sites or with the intention of searching for underwater cultural heritage is subject to licensing requirements.

Lakes and rivers within and surrounding the area to which the Plan relates, may contain many features and finds associated with maritime/riverine heritage such as shipwrecks,

piers, quay walls, fords, stepping stones and associated archaeological objects and features.

4.11.2 Architectural Heritage

The term architectural heritage is defined in the Architectural Heritage (National Inventory) and Historic Monuments Act 1999 as meaning all: structures and buildings together with their settings and attendant grounds, fixtures and fittings; groups of structures and buildings; and, sites which are of technical, historical, archaeological, artistic, cultural, scientific, social, or technical interest.

Records of Protected Structures are legislated for under Section 12 and Section 51 of the Planning and Development Act 2000 as amended. Protected structures are defined in the Planning and Development Act 2000 as amended as structures, or parts of structures that are of special interest from an architectural, historical, archaeological, artistic, cultural, scientific, social or technical point of view.

In relation to a protected structure or proposed protected structure, the following are encompassed:

- The interior of the structure;
- The land lying within the curtilage⁷⁶ of the structure;
- Any other structures lying within that curtilage and their interiors; and,
- All fixtures and features that form part of the interior or exterior of any structure or structures referred to in subparagraph (i) or (iii).

Similar to the general spatial spread of archaeological heritage, clusters of architectural heritage are indicated within Killarney Town and other settlement within the area to which the Plan relates, as shown on Figure 4.19. Examples of Protected Structures within the area to which the Plan relates include: churches; townhouses; squares; castles; and bridges. Notable structures include: St. Mary's Cathedral; Bishop's Palace/St. Mary's Presbytery; Deenagh Lodge; and the Golden Gates.

even buildings now in separate ownership, e.g. the lodge of a former country house, or the garden features located in land subsequently sold off. Such lands are described as being attendant grounds, and the protection extends to them just as if they were still within the curtilage of the Protected Structure.

⁷⁶ Curtilage is normally taken to be the parcel of ground immediately associated with the Protected Structure, or in use for the purposes of the structure. Protection extends to the buildings and land lying within the curtilage. While the curtilage sometimes coincides with the present property boundary, it can originally have included lands, features or

In addition to Protected Structures, the Planning and Development Act, 2000 provides the legislative basis for the protection of Architectural Conservation Areas (ACAs). An ACA is a place, area or group of structures or townscape that is of special architectural, historical, archaeological, artistic, cultural, scientific, social or technical interest or value, or contributes to the appreciation of protected structures, whose character it is an objective to preserve in a development plan. The ACA designation requires that planning permission must be obtained before significant works can be carried out to the exterior of a structure in the ACA that might alter the character of the structure or the ACA. There are no ACAs currently designated across the area to which the Plan relates⁷⁷.

The National Inventory of Architectural Heritage (NIAH) is a State initiative under the administration of the Department of Tourism, Culture, Arts, Gaeltacht, Sport and Media and was established on a statutory basis under the provisions of the Architectural Heritage (National Inventory) and Historic Monuments (Miscellaneous Provisions) Act 1999. The purpose of the NIAH is to identify, record, and evaluate the post-1700 architectural heritage of Ireland, uniformly and consistently as an aid in the protection and conservation of the built heritage. NIAH surveys provide the basis for the recommendations of the Minister of Culture, Heritage and the Gaeltacht to the local authorities for the inclusion of particular structures in their Record of Protected Structures. Figure 4.19 shows entries to NIAH within the area to which the Plan relates, including historic gardens and designed landscapes such as Killarney House and Gardens, Flesk Castle and Muckcross House.

4.11.3 Existing Problems

The context of archaeological and architectural heritage has changed over time however no existing conflicts with legislative objectives governing archaeological and architectural heritage have been identified.

⁷⁷ Kerry County Development Plan 2015-2021

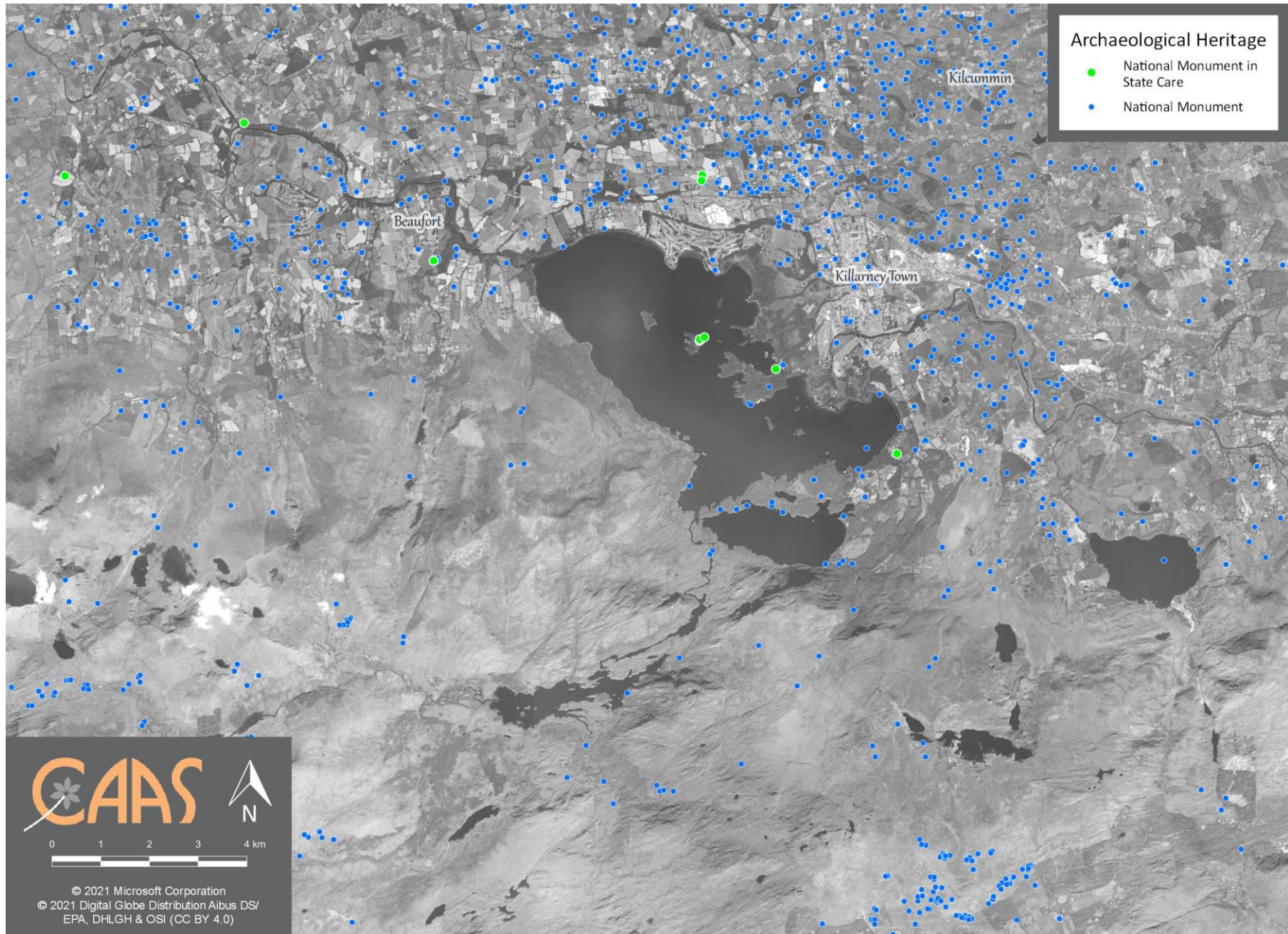


Figure 4.18 Archaeological Heritage

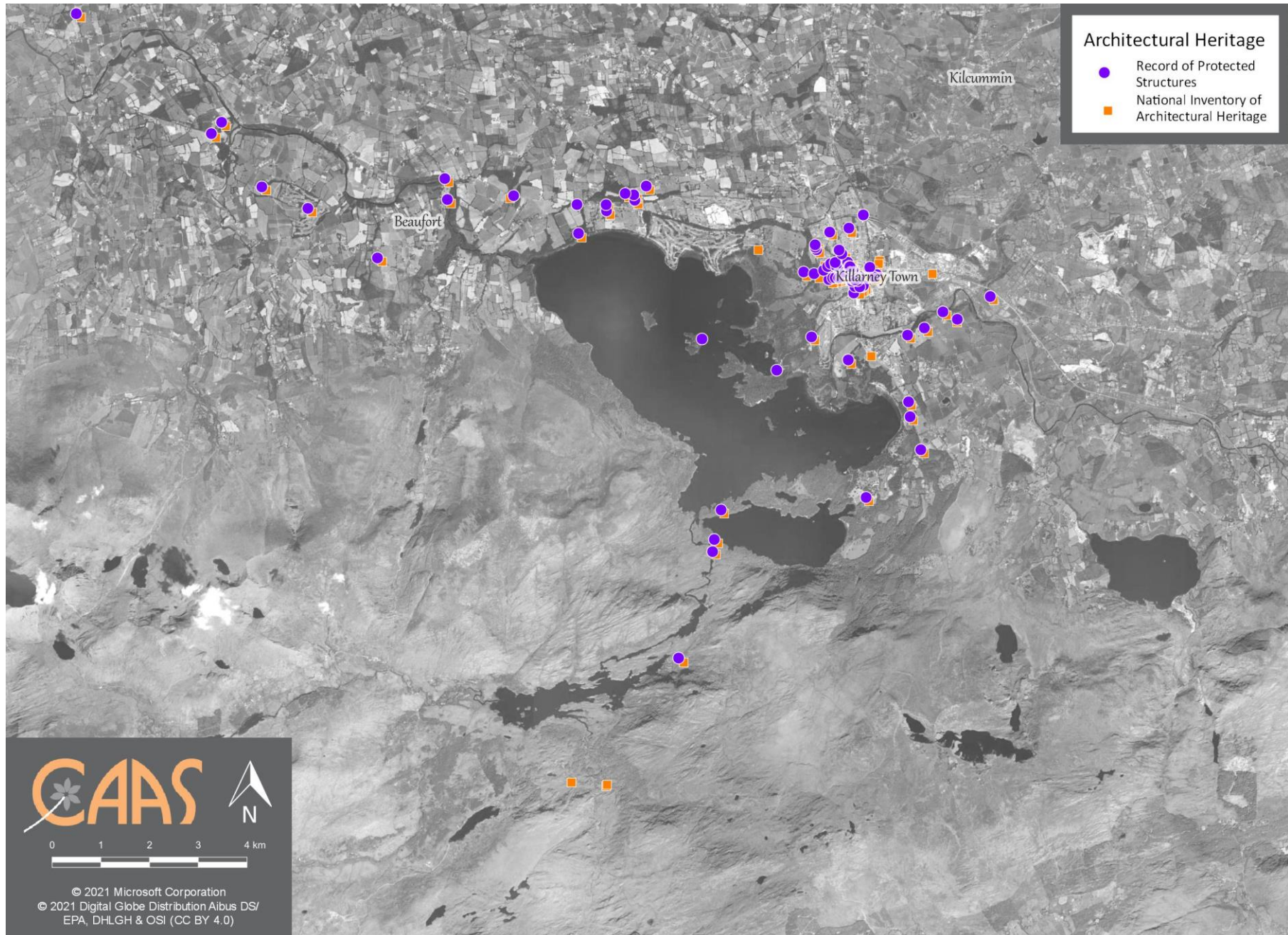


Figure 4.19 Architectural Heritage

4.12 Landscape

4.12.1 Introduction

Article 1 (a) of the European Landscape Convention provides a definition of landscape as follows; "Landscape means an area, as perceived by people whose character is the result of the action and interaction of natural/or human factors". The importance of landscape and visual amenity and the role of its protection are recognised in the Planning and Development Act 2000 as amended, which requires that Development Plans include objectives for the preservation of the landscape, views and the amenities of places and features of natural beauty.

The area to which the Plan relates comprises a variety of scenic landscapes situated within the Killarney National Park and Kerry UNESCO Biosphere Reserve with its combination of mountains, lakes and island, waterfalls, boglands, heatlands, extensive woodlands and a historic settlement of the Killarney town. The area encompasses the MacGillycuddys Reeks (Ireland's highest mountain range) and Killarney lakelands with Lough Leane and Lough Muckross occupying the central parts of the area to which the Plan relates.

The different landscapes found across the area to which the Plan relates have varying visual and amenity values, topography, exposure levels and contain a variety of habitats. Each landscape type has varying capacity to absorb development related to its overall sensitivity.

4.12.2 Landscape Character Assessment

The European Landscape Convention was ratified in Ireland in 2002, this required EU Member States to adopt national measures to promote landscape, planning, protection and management.

The purpose of landscape character assessment is to provide the foundation for policy formulation and decision making for landscape management.

The Landscape and Visual Impact Assessment for County Kerry identifies forty-six Landscape Character Areas⁷⁸. The area to which the Plan relates is identified as being situated within or partially within five Landscape Character Areas as listed below:

- LCA 38: Lough Leane and Killarney National Park;
- LCA 39: Macgillycuddy Reek's;
- LCA 13: Killorglin Pasturelands;
- LCA 15: Deenagh and Glenoragh River Valleys; and
- LCA 14: Gweestin River Valley.

The area to which the Plan relates contains many sites, areas and vantage points from which views over areas of great natural beauty, local landmarks, historic landscapes, may be obtained. In addition to scenic views, the County also contains important prospects i.e. prominent landscapes or areas of special amenity value or special interest that are visible from the surrounding area. Protected views and routes within and adjacent to the area to which the Plan relates are mapped on Figure 4.20.

Other landscape designations relevant to the area to which the Plan relates, also mapped on Figure 4.20 include:

- Prime Special Amenity Area - landscapes which are very sensitive and have little or no capacity to accommodate development; and
- Secondary Special Amenity Area - landscape of areas in this designation is sensitive to development.

4.12.3 Existing Environmental Problems

The legislative objectives governing landscape and visual appearance were not identified as being conflicted with.

⁷⁸ Kerry County Council: Landscape Character Assessment (2012)

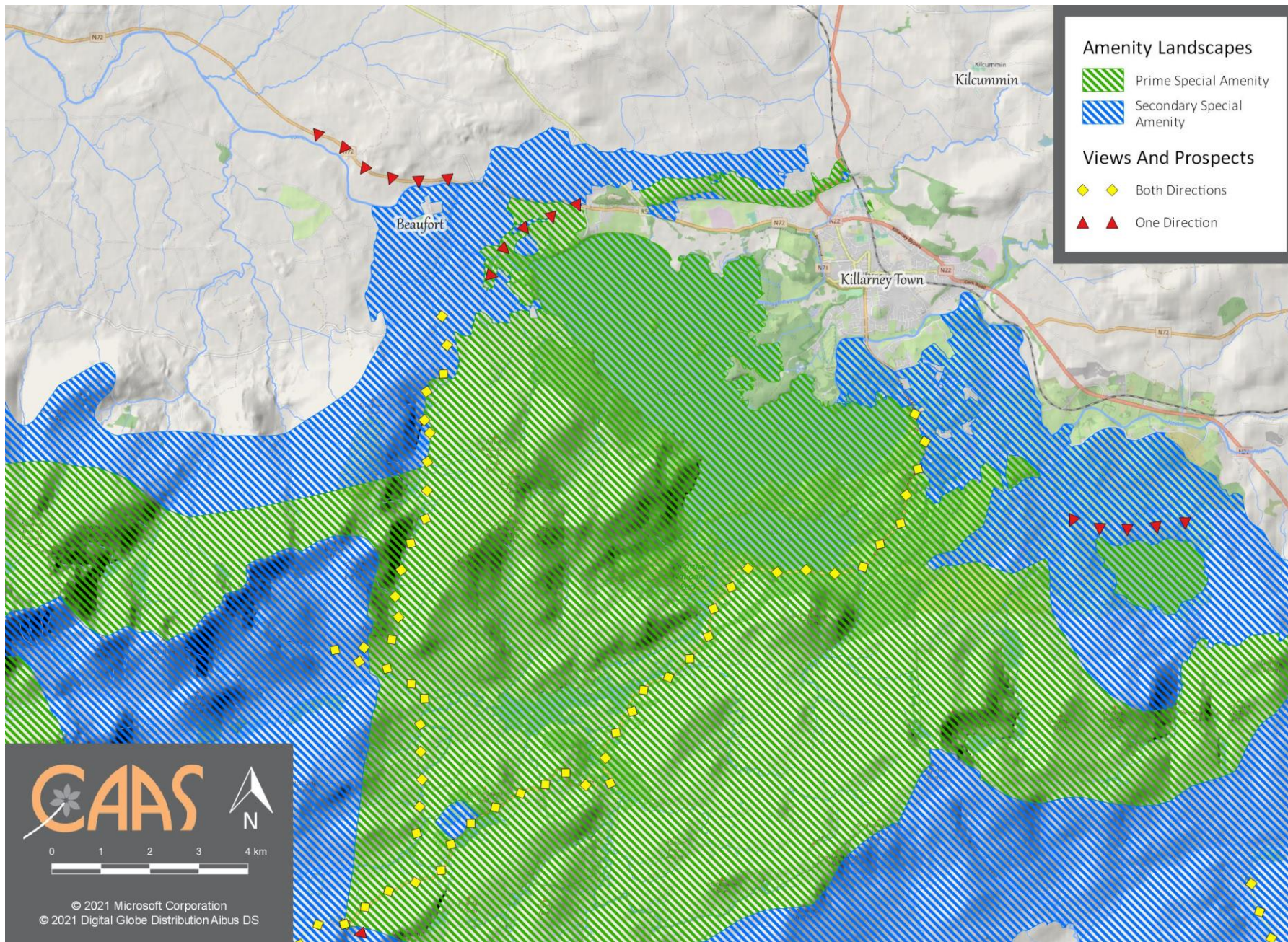


Figure 4.20 Landscape Character Areas

Section 5 Strategic Environmental Objectives

Strategic Environmental Objectives (SEOs) are methodological measures developed from policies that generally govern environmental protection objectives established at international, Community or Member State level e.g. the environmental protection objectives of various European Directives that have been transposed into Irish law and that are required to be implemented.

The SEOs are set out under a range of topics and are used as standards against which the provisions of the Plan and the alternatives are evaluated in order to help identify which provisions would be likely to result in significant environmental effects and where such effects would be likely to occur, if - in the case of adverse effects - unmitigated.

The SEOs are linked to indicators that can facilitate monitoring the environmental effects of the Plan as well identifying targets that the Plan can help work towards.

All SEOs, indicators and targets are provided on Table 5.1 overleaf.

Further detail on legislation, plans and programmes are provided under Section 2 (and associated Appendix II "Relationship with Legislation and Other Plans and Programmes") and Section 4.

Table 5.1 Strategic Environmental Objectives, Indicators and Targets

Environmental Component	Strategic Environmental Objectives	Indicators	Targets
Biodiversity, Flora and Fauna	B1: To contribute towards compliance with the Habitats and Birds Directives with regard to the protection of European sites and Annexed habitats and species ⁷⁹	B1: Conservation status of habitats and species as assessed under Article 17 of the Habitats Directive	B1: Maintenance of favourable conservation status for all habitats and species protected under National and International legislation to be unaffected by implementation of the Plan ⁸⁰
	B2: To contribute towards compliance with Article 10 of the Habitats Directive with regard to the management of features of the landscape which - by virtue of their linear and continuous structure or their function act as stepping stones (designated or not) - are of major importance for wild fauna and flora and essential for the migration, dispersal and genetic exchange of wild species	B2: Percentage loss of functional connectivity without remediation resulting from the Plan	B2: No significant ecological networks or parts thereof which provide functional connectivity to be lost without remediation resulting from the Plan
	B3: To contribute towards avoidance of significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites ⁸¹ and to ensure compliance with the Wildlife Acts 1976-2010 with regard to the protection of species listed on Schedule 5 of the principal Act	B3i: Number of significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites resulting from the Plan B3ii: Number of significant impacts on the protection of listed species	B3i: Avoid significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites resulting from the Plan B3ii: No significant impacts on the protection of listed species resulting from the Plan
Population and Human Health	PHH1: To contribute towards the protection of populations and human health from exposure to incompatible landuses	PHH1: Occurrence (any) of a spatially concentrated deterioration in human health arising from environmental factors resulting from the Plan, as identified by the Health Service Executive and Environmental Protection Agency	PHH1: No spatial concentrations of health problems arising from environmental factors as a result the Plan
Soil	S1: To minimise land take and loss to extent of soil resource	S1: Artificial surfaces land cover extent	S1: Contribute towards the target of the National Planning Framework's SEA (2018) to "Maintain built surface cover nationally to below the EU average of 4%."
Water	W1: To contribute towards the maintenance and improvement, where possible, of the quality and status of surface waters	W1: Classification of Overall Status (comprised of ecological and chemical status) under the European Communities Environmental Objectives (Surface Waters) Regulations 2009 (S.I. No. 272 of 2009)	W1: No deterioration in the status of any surface water or adverse effect upon the ability of any surface water to achieve 'good status' as a result of the Plan
	W2: To contribute towards maintaining and improving, where possible, the chemical and quantitative status of groundwaters	W2: Interactions with Groundwater Quality Standards and Threshold Values under Directive 2006/118/EC resulting from development adhering to the Plan	W2: Not to affect the ability of groundwaters to comply with Groundwater Quality Standards and Threshold Values under Directive 2006/118/EC, subject to exemptions provided for by Article 4 of the WFD

⁷⁹ 'Annexed habitats and species' refer to those listed under Annex I, II & IV of the EU Habitats Directive and Annex I of the EU Birds Directive.

⁸⁰ Except as provided for in Article 6(4) of the Habitats Directive, viz. There must be: (a) No alternative solution available; (b) Imperative reasons of overriding public interest for the programme to proceed; and (c) Adequate compensatory measures in place.

⁸¹ The definition of a 'wildlife site' provided by the Planning and Development Act 2000, as amended, includes Natural Heritage Areas (NHAs) and proposed NHAs.

Environmental Component	Strategic Environmental Objectives	Indicators	Targets
	W3: To contribute towards compliance with the provisions of the Flood Risk Management Guidelines	W3: Compliance of relevant lower tier assessments and decision making with the Flood Risk Management Guidelines	W3: For lower tier assessments and decision making to comply with the Flood Risk Management Guidelines
Air and Climatic Factors	AC1: To contribute towards climate adaptation and mitigation	AC1: Demonstration of compliance with provisions relating to climate adaptation and mitigation have been integrated into the Plan	C1: To maximise the amount of measures relating to climate adaptation and mitigation being implemented
Material Assets	M1: For development to be served with adequate and appropriate critical infrastructure with sufficient capacity (drinking water, wastewater, waste and transport) that does not present a danger to human health	M1: Number of instances whereby additional tourists are directed by beneficiaries of funding towards areas in the Plan area where adequate and appropriate critical infrastructure with sufficient capacity is unavailable	M1: No instances whereby additional tourists are directed by beneficiaries of funding towards areas in the Plan area where adequate and appropriate critical infrastructure with sufficient capacity that does not present a danger to human health are unavailable
	M2: To contribute towards the protection of public assets and infrastructure, including that relating to recreation and leisure, transport, utilities and fisheries	M2: Number of significant adverse effects on the use of or access to public assets and infrastructure	M2: No significant adverse effects on the use of or access to public assets and infrastructure
	M3: To reduce waste volumes, minimise waste to landfill and increase recycling and reuse	M3: Preparation and implementation of construction and environmental management plans	M3: For construction and environmental management plans to be prepared and implemented for relevant projects
Cultural Heritage	CH1: To contribute towards the protection of archaeological heritage including entries to the Record of Monuments and Places and/or their context	CH1: Percentage of entries to the Record of Monuments and Places protected from significant adverse effects arising from the Plan	CH1: No unauthorised adverse effects on archaeological heritage resulting from implementation of the Plan
	CH2: To contribute towards the protection of architectural heritage including entries to the Records of Protected Structures and Architectural Conservation Areas and their context	CH2: Percentage of entries to the Records of Protected Structures and Architectural Conservation Areas and their context protected from significant adverse effects arising from the Plan	CH2: No unauthorised adverse effects on architectural heritage resulting from implementation of the Plan
Landscape	L1: To avoid conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans	L1: Number of unmitigated conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans	L1: No unmitigated conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans

Section 6 Description of Alternatives

6.1 Introduction

As per the requirements of the SEA Directive, this SEA considers reasonable alternatives, which are capable of being implemented for Plan, taking into account the objectives and the geographical scope of the Plan.

6.2 Current Situation (Alternative 1: Business as Usual)

As identified in the Plan, there are various **strengths** associated with the current tourism development situation include:

- Historical capital of Irish tourism association and international positioning as must visit destination.
- Uniqueness of urban setting adjacent to a National Park, 'the Town with a National Park' and proximity to stunning natural environment.
- Portfolio of built and natural heritage assets from Muckross House to Killarney House set in the National Park.
- Quality of tourism industry professionals across all industry segments.
- Quality and diversity of accommodation stock.
- Internationally recognised visitor destination and "must visit" destination.
- Capacity to cater for all levels and volumes of business tourism.
- Reputation as a lively and vibrant evening destination.
- Quality of leisure product mix e.g. outdoor activity and adventure base.
- Accessibility of Killarney to all other major destinations and Wild Atlantic Way as a hub for touring and exploration.
- Quality of relationships with tour operators and level of international programming of Killarney.
- Long established appeal of Killarney to domestic and overseas visitors.
- Ability of Killarney to cater for all visitor segments of all ages and stages.
- Culture of industry collaboration across the destination.
- Quality of festivals and events delivered throughout the year.
- Proximity to international airports.
- Capacity to cater for outdoor activity demand based on experience and expertise.
- Accessibility to iconic outdoor experiences, walks, Killarney Lakes, Carrauntoohil, Torc Waterfalls.
- The embrace of tourism by the community and community pride in its national tourism positioning.

However, there are a number of **weaknesses** associated with this situation, including:

- Market perception of the current Killarney brand e.g. perceived as a USA visitor centric destination to possible exclusion of other source markets.
- The need to adapt and address the changing nature of tourism, visitor preferences and the motivations for younger markets i.e. millennials.
- No coherent destination brand adopted by the tourism industry.
- No strong call out of the National Park proposition linked to the town experience and limited integration of the urban and natural environment experience.
- Limited night time economy offering outside of focus on entertainment provided in licenced premises.
- The requirement to address current UK and other European market targeting, with Killarney not currently featuring as a destination option in certain key markets.
- Market perception around Killarney as not being a price competitive destination and offering low value for money.
- Lack of an indoor product of scale that is motivational for visitors across peak and shoulder seasons and supporting the evening economy.
- Limited accessibility to programmed cultural events throughout the season.
- Limited range of retail outlets and lack of diversity among existing retailers.
- Challenge of the market perception that Killarney is always too busy.
- Destination challenge of issues such as seasonality and staffing.
- Lack of a sense of place or definition around the story of Killarney through linking and integration of natural assets, public realm, open spaces.
- Quality of visitor orientation and ability to link town and natural environment experiences.
- Addressing the day time economy to develop business for Killarney between 12pm and 4.00pm.
- Lack of a consistent and cohesive communications approach adopted by the local tourism industry.
- Limited access to unique food experiences in Killarney and high end dining.
- Challenge of traffic management and negative perception associated with traffic issues.
- Accessibility to destination is perceived as challenging through existing regional road infrastructure and rail options directly to the town.
- Position versus Dublin market in developing MICE sector.
- Lack of a gala dining venue for the MICE market.
- Industry training around product and experience knowledge to share with visitors.

There are also various policies and plans that are already in place relating to the development of tourism, including:

- Fáilte Ireland Strategic Plan
- People, Place and Policy: Growing Tourism to 2025 Department of Transport, Tourism and Sport
- Kerry Tourism Strategy (2016-2022), Kerry County Council
- Experiencing the Wild Heart of Ireland - A Tourism Interpretative Master Plan for
- Ireland's National Parks (2018), National Parks and Wildlife Service
- Kerry Convention Bureau Roadmap for Growth – 2019-2023
- TEIR One, (2018), Killarney Chamber & Tourism Council

This current situation presents **Alternative 1 (Business as Usual)** to be considered by the SEA. Overtime, numbers of visitors would continue to increase under this scenario – consistent with the development of tourism over many decades.

6.3 Prepare a Plan (Alternatives 2A and 2B: Prepare a Plan)

The weaknesses presented by the current situation (see Section 6.2) establish a potential need for a plan that seeks to better manage tourism in the Killarney area; facilitating, promoting, supporting and coordinating stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. Such a Plan would not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent (such frameworks fall under the remit of other public authorities). Any projects would continue to be required to comply, as relevant, with the various provisions of documents that form the statutory decision-making and consent-granting framework.

Features of such a Plan (in combination with the wider and extensive policy and wider and extensive policy and planning framework planning framework) would include:

- Addressing issues of **seasonality** and **regionality** while realising increased socio-economic benefits;
- Increase bednights in Killarney by 2% YoY ahead of national average from year 3 of implementation of the Killarney DEDP.
- Increase in visitor numbers in off peak season.
- Increase the value of visitors to Killarney over volume.
- Increased visitor satisfaction.
- Increase Saleable Products (five new or improved saleable experiences) and a tailor made distribution plan for the City.
- Season Extension: Extend opening hours annually by 5% annually.

Under Alternative 2 there are two separate alternatives:

Alternative 2A: A Plan with Additional Requirements for Environmental Protection and Management

Fáilte Ireland provides funding sustainable tourism projects including land use and infrastructural development and land use activities. In order to achieve funding (including promotion) for land use or infrastructural development or land use activities from Fáilte Ireland, **Alternative 2A** would require Fáilte Ireland's stakeholders to demonstrate compliance with measures relating to sustainable development, environmental protection and environmental management contained within the following Fáilte Ireland published documents:

- Wild Atlantic Way Operational Programme Appendix 5 "Site Maintenance Guidelines" and other relevant measures from the Fáilte Ireland visitor and habitat management guidelines series (and any subsequent replacements); and
- Wild Atlantic Way Operational Programme Appendix 6 "Environmental Management for Local Authorities and Others" (and any subsequent replacements).

In order to be realised, projects included in the Plan (in a similar way to other projects from any other sector) would have to demonstrate compliance, as relevant, with various provisions of legislation, policies, plans and programmes that form the statutory decision-making and

consent-granting framework, of which the **Plan is not part and does not contribute towards.**

Further environmental requirements would be integrated into the Plan under Alternative 2A, relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services.

Alternative 2B: A Plan without Additional Requirements for Environmental Protection and Management

Alternative 2B would not include the requirements for environmental protection and management described under Alternative 2A. Projects would continue to be required to comply, as relevant, with the various provisions of documents that form the statutory decision-making and consent-granting framework.

Section 7 Evaluation of Alternatives

7.1 Introduction

This section provides a comparative evaluation of the environmental effects of implementing the alternatives that are detailed under Section 6. This determination sought to understand whether each alternative was likely to improve, conflict with or have a neutral interaction with environmental components.

7.2 Methodology

The relevant aspects of the current state of the environment (see Section 4) and the Strategic Environmental Objectives (see Section 5 and Table 7.1) are used in the evaluation of alternatives.

The alternatives are evaluated using compatibility criteria (see Table 7.2 below) in order to determine how they would be likely to affect the status of the SEOs. The SEOs and the alternatives are arrayed against each other to identify which interactions - if any - would cause effects on specific components of the environment. Where the appraisal identifies a likely conflict with the status of an SEO the relevant SEO code is entered into the conflict column - e.g. B1 which stands for the SEO likely to be affected - in this instance 'To contribute towards compliance with the Habitats and Birds Directives with regard to the protection of European sites and Annexed habitats and species⁸²'.

The interactions identified are reflective of likely significant environmental effects⁸³.

The degree to which effects can be fully determined at this level of decision-making is limited, as the Plan will be implemented alongside planning and project development and associated environmental assessments and administrative consent of projects. Nonetheless, a comparative evaluation of the various alternatives can be provided.

⁸² 'Annexed habitats and species' refer to those listed under Annex I, II & IV of the EU Habitats Directive and Annex I of the EU Birds Directive.

⁸³ These effects include secondary, cumulative, synergistic, short, medium and long-term permanent and temporary, positive and negative effects.

Table 7.1 Strategic Environmental Objectives⁸⁴

Environmental Component	Code	Strategic Environmental Objectives
Biodiversity, Flora and Fauna	B1	To contribute towards compliance with the Habitats and Birds Directives with regard to the protection of European sites and Annexed habitats and species ⁸⁵
	B2	To contribute towards compliance with Article 10 of the Habitats Directive with regard to the management of features of the landscape which - by virtue of their linear and continuous structure or their function act as stepping stones (designated or not) - are of major importance for wild fauna and flora and essential for the migration, dispersal and genetic exchange of wild species
	B3	To contribute towards avoidance of significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites ⁸⁶ and to ensure compliance with the Wildlife Acts 1976-2010 with regard to the protection of species listed on Schedule 5 of the principal Act
Population and Human Health	PHH1	To contribute towards the protection of populations and human health from exposure to incompatible landuses
Soil	S1	To minimise land take and loss to extent of soil resource
Water	W1	To contribute towards the maintenance and improvement, where possible, of the quality and status of surface waters
	W2	To contribute towards maintaining and improving, where possible, the chemical and quantitative status of groundwaters
	W3	To contribute towards compliance with the provisions of the Flood Risk Management Guidelines
Air and Climatic Factors	AC1	To contribute towards climate adaptation and mitigation
Material Assets	M1	For development to be served with adequate and appropriate critical infrastructure with sufficient capacity (drinking water, wastewater, waste and transport) that does not present a danger to human health
	M2	To contribute towards the protection of public assets and infrastructure, including that relating to recreation and leisure, transport, utilities and fisheries
	M3	To reduce waste volumes, minimise waste to landfill and increase recycling and reuse
Cultural Heritage	CH1	To contribute towards the protection of archaeological heritage including entries to the Record of Monuments and Places and/or their context
	CH2	To contribute towards the protection of architectural heritage including entries to the Records of Protected Structures and Architectural Conservation Areas and their context
Landscape	L1	To avoid conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans

Table 7.2 Criteria for appraising the effect of Alternatives on SEOs

Likely to Improve status of SEOs			Potential Conflict with status of SEOs - likely to be mitigated by complying with other measures included within the Plan		Probable Conflict with status of SEOs- unlikely to be fully mitigated
to the Greatest degree	to Moderate degree	to a Lesser degree	to a Moderate degree	to a Greater degree	

⁸⁴ See Section 5 for a description of Strategic Environmental Objectives.

⁸⁵ 'Annexed habitats and species' refer to those listed under Annex I, II & IV of the EU Habitats Directive and Annex I of the EU Birds Directive.

⁸⁶ The definition of a 'wildlife site' provided by the Planning and Development Act 2000, as amended, includes Natural Heritage Areas (NHAs) and proposed NHAs.

7.3 Cumulative Effects

Cumulative effects are one of the types of effects that have been considered by the assessment of the alternatives. Cumulative effects can be described as the addition of many small impacts to create one larger, more significant, impact.

There are two types of potential cumulative effects that have been considered, namely:

- Potential *intra-Plan* cumulative effects - these arise from the interactions between different types of potential environmental effects resulting from a plan, programme, etc. Where there are elevated levels of environmental sensitivities (such as those identified under Section 4), future development could result in environmental conflicts and lead to a deterioration in environmental integrity. The interrelationships between environmental components that help determine these potential effects are identified on Table 8.4 in Section 8 e.g. interrelationships between: human health and water quality; human health and air quality; human health and flood risk; and ecology and water quality.
- Potential *inter-Plan* cumulative effects - these arise when the effects of the implementation of one plan occur in combination with those of other plans, programmes, developments, etc.

In considering the relationship with legislation and other plans and programmes it is important to note that the Plan will form part of a wider and extensive policy and planning framework that covers sectors including tourism, agriculture, forestry, fisheries, energy, industry, transport, waste management, water management, telecommunications and land use planning (see Section 2, 4 and 5 and Appendix II) for a range of sectors at a range of levels (e.g. National, Regional, County and Local). Legislation, plans and programmes from these other sectors also take into account demands from both residents and tourists when considering infrastructure and service needs. These plans, in turn, are also subject to their own SEA and AA requirements and include their own requirements relating to environmental protection and management. In this way, the environment is protected in a holistic manner so that the interactions of other uses and their associated plans and programmes are taken into account. Where they exist, the SEA recognises the existence of other environmental assessments with a view to avoid duplication of assessment, in compliance with the SEA Directive.

The National Planning Framework (NPF) sets out Ireland's planning policy direction for the next 22 years. The NPF is to be implemented through Regional Spatial and Economic Strategies (RSEs) and lower tier Development Plans and Local Area Plans. The RSE for the Southern Region (Killarney is located within the Southern Region) sets out objectives relating tourism development, that have been subject to environmental assessment, including those relating to: enhancing provision of tourism and leisure amenity; promoting tourism activity; developing a road network and public transport services, facilitating improved visitor access and longer dwell times; developing walking and cycling trails, opening greater accessibility to the marine and countryside environment by sustainable modes; and facilitating appropriate tourism development, including that relating to greenways, blueways and peatlands. When adopted, the RSE will inform the review of existing, assessed Development Plans and Local Area Plans, which already include various provisions relating to land use, tourism and infrastructure. Such reviews will also be subject to environmental assessments.

Implementation of the Plan shall be consistent with and conform with the NPF, RSE and lower-tier land use plans, including provisions relating to sustainable development, environmental protection and environmental management that have been integrated into these documents including through SEA and AA processes. In order to be realised, projects included in the Plan (in a similar way to other projects from any other sector) will have to comply, as relevant, with various legislation, policies, plans and programmes (including requirements for lower-tier Appropriate Assessment, Environmental Impact Assessment and other licencing requirements as appropriate) that form the statutory decision-making and consent-granting framework, of which the Plan is not part and does not contribute towards. These provisions are in addition to those that have been integrated into the Plan that will contribute towards sustainable development, environmental protection and environmental management (see Section 9).

Effects⁸⁷ that may arise as a result of implementing the Plan, in combination with the existing statutory planning/decision-making and consent-granting framework, have been mitigated to the extent that the only residual adverse effects likely to occur as a result of implementation of the Plan are those that are identified under Table 8.3.

Cumulative effects that have been considered include those resulting from the Plan in-combination with the following:

- Land use policy, plans and programmes (e.g. the National Planning Framework, the Regional Spatial and Economic Strategy, Development Plans and Local Area Plans);
- Water services, waste management, transport and energy infrastructure plans (e.g. Irish Water's Water Services Strategic Plan and associated Capital Investment Plan, Regional Waste Management Plans, Transportation Policies and Strategies, Grid25 and associated Implementation Programme) and the Local Economic and Community Plans; and
- Environmental protection and management plans (e.g. River Basin Management Plans, National Mitigation Plan, National Adaptation Framework, and Flood Risk Management Plans).

Potential cumulative effects include the following arising from the alternatives in combination with the plans etc. detailed above (note that potential adverse cumulative effects will be mitigated by provisions that have been integrated into the Plan - see Section 9):

- Contribution towards sustainable development, environmental protection and environmental management – various provisions for which are provided for in the aforementioned plans (**Alternatives 1, 2A and 2B**).
- Need for and use of services, infrastructure and other development (to service development, including tourism), including those related to water services, transport, access or accommodation, that are planned for and consented through the statutory framework – and associated potential adverse environmental effects on various environmental components including biodiversity and flora and fauna, the status of waters, human health, soil, emissions, cultural heritage and landscape (**Alternatives 1, 2A and 2B**).
- Contribution towards climate adaptation and mitigation through measures such as those relating to walking and cycling, charging infrastructure, flood risk management and resilience (**Alternatives 1, 2A and 2B**).
- Contribution towards travel related greenhouse gas and other emissions to air as a result of increases in tourist numbers (**Alternatives 1, 2A and 2B**).
- Helps to minimise likelihood of exceeding capacity in material assets as a result of not directing additional tourists towards specific locations in instances where significant problems with critical infrastructure (drinking water, wastewater, waste and transport) have been identified (**Alternative 2A**). This would positively impact upon the protection and management of environmental components such as human health, water, soil, air and climatic factors.
- Contribution towards the protection and management of biodiversity and flora and fauna (in designated sites, including European sites and Wildlife Sites, and Annexed habitats and species, listed species, ecological connectivity and non-designated habitats) through visitor management strategies, as relevant and appropriate (**Alternative 2A**).
- In combination with plans and programmes from all sectors potential adverse effects on all environmental components arising from all development in greenfield and brownfield areas (e.g. infrastructural, residential, accommodation, economic, forestry, agricultural etc.). The type of these effects are consistent with those described on Table 7.3. These plans and programmes from other sectors undergo SEA and comply with environmental legislation while projects are subject to EIA and AA, as relevant (**Alternatives 1, 2A and 2B**).

7.4 Detailed Consideration of Alternatives

Table 7.3 below describes effects common to all Alternatives (1, 2A and 2B).

Table 7.3 Effects Common to All Alternatives

Environmental Component	Environmental Effects from all Alternatives, in combination with the existing statutory planning/decision-making and consent-granting framework ⁸⁸	
	Significant Positive Effect, likely to occur	Potential Significant Adverse Effect, if unmitigated
Biodiversity and flora and fauna	<ul style="list-style-type: none"> • Contribution towards the protection and management of biodiversity and flora and fauna (in designated sites, including European sites and 	Arising from both construction and operation of tourism related development/activities: <ul style="list-style-type: none"> • Loss of/damage to biodiversity in designated sites (including European sites and Wildlife Sites) and

⁸⁷ Effects include in-combination effects – those arising from services and infrastructure (to service development, including tourism) that are planned for and consented through the statutory framework including the NPF, RSES and lower-tier land use plans. Examples may include developments/operation of developments relating to water services, transport, access or accommodation. Mitigation includes that which has been integrated into the Plan – please refer to Section 9 of this report.

⁸⁸ Effects include in-combination effects – those arising from services, infrastructure and other development (to service development, including tourism) that are planned for and consented through the statutory framework including the NPF, RSES and lower-tier land use plans. Examples may include developments/operation of developments relating to water services, transport, access or accommodation. Effects would be to varying degrees – refer to Table 7.4 for comparative evaluation.

	<p>Wildlife Sites, and Annexed habitats and species, listed species, ecological connectivity and non-designated habitats).</p> <ul style="list-style-type: none"> • Contribution towards the maintenance of existing green infrastructure and its ecosystem services. • Contribution towards protection of biodiversity and flora and fauna as a result of contributing towards the protection of environmental vectors, air, water and soil. 	<p>Annexed habitats and species, listed species, ecological connectivity and non-designated habitats; and disturbance to biodiversity and flora and fauna.</p> <ul style="list-style-type: none"> • Habitat loss, fragmentation and deterioration, including patch size and edge effects. • Disturbance (e.g. due to noise and lighting along transport corridors) and displacement of protected species such as birds and bats.
Population and human health	<ul style="list-style-type: none"> • Contribution towards the protection of human health. • Contribution towards the protection amenity usage and access. • Contribution towards the sustainable growth of tourism and associated sustenance and growth of communities in Killarney area. 	<ul style="list-style-type: none"> • Potential interactions if effects upon environmental vectors such as water are not mitigated. • Potential interactions if additional tourists are directed towards specific locations in instances where significant problems with critical infrastructure (drinking water, wastewater, waste and transport) have been identified.
Soil	<ul style="list-style-type: none"> • Contribution towards minimising land-take and loss of extent of soil resource. • Contribution towards the protection of the environment from contamination. • Contributes towards protection of designated sites of geological heritage. 	<ul style="list-style-type: none"> • Adverse impacts upon the hydrogeological and ecological function of the soil resource. • Adverse effects on designated geological heritage sites. • Potential for increase in river bank erosion.
Water	<ul style="list-style-type: none"> • Contribution towards the protection of water resources (including the status of surface and groundwaters) and water based designations. • Contribution towards flood risk management and appropriate drainage. 	<ul style="list-style-type: none"> • Adverse impacts upon the status of water bodies and entries to the WFD Register of Protected Areas (ecological and human value), arising from changes in quality, flow and/or morphology. • Increase in flood risk.
Air and climatic factors	<ul style="list-style-type: none"> • Contribution towards climate adaptation and mitigation. 	<ul style="list-style-type: none"> • Potential conflict, in combination with plans and programmes from all sectors including transport and land use planning, between increases in visitors (which is likely to result in an increase in greenhouse gas emissions and other emissions to air, including from aviation, with associated interactions with climatic factors) and local, national and European objectives to reduce carbon emissions. • Potential conflicts between transport movements, including car movements, and air quality.
Material Assets	<ul style="list-style-type: none"> • Contributes towards protection and allows for continued use of public assets and infrastructure. Contribution towards compliance with national and regional water services and waste management policies. 	<ul style="list-style-type: none"> • Increased number of visitors have the potential to increase traffic levels. • The need to provide adequate and appropriate water services (it is the function of Irish Water to provide for such needs). • Increases in waste levels and residual wastes from visitors and construction of developments. • Potential impacts upon public assets and infrastructure.
Cultural Heritage	<ul style="list-style-type: none"> • Contribution towards the long-term protection of archaeological and architectural heritage. 	<ul style="list-style-type: none"> • Potential effects on designated and unknown archaeological heritage. • Potential effects on architectural heritage.
Landscape	<ul style="list-style-type: none"> • Contribution towards the protection of landscape designations. 	<ul style="list-style-type: none"> • Occurrence of adverse visual impacts, especially in estuary areas where, and conflicts with the appropriate protection of statutory designations relating to the landscape. • Changes in the appearance of the landscape.

Alternative 1: Business as Usual

Sustainable development, environmental management and environmental protection under Alternative 1 is provided through the existing statutory planning and consent framework. These measures would contribute towards positive effects on the protection and management of all environmental components (see Table 7.3).

Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects (see Table 7.3) would continue to be mitigated through that process.

In the absence of a Plan, there would continue to be an increase in tourist numbers – consistent with the development of tourism over many decades. The most popular locations in the Killarney area would see the largest increases in visitors, which would occur during the peak season. This would give rise to greater concentration of tourists during peak seasons and in the most popular locations thereby increasing potential environmental effects on all components and peak load additions on various infrastructure in particular locations/at particular times.

Contributions towards an increase in travel related greenhouse gas and other emissions to air, including from aviation, would not occur as a result of a Plan that seeks to lengthen dwell time and grow visitor numbers however increases in tourist numbers would occur. Similarly, the positive mitigatory effects as a result of provisions of a Plan, such as those relating to sustainable mobility, traffic management and compliance with climate adaptation and management plans/strategies would not be provided for.

There would be one layer of mitigation under Alternative 1, through the existing statutory planning and consent framework.

Alternative 2A: A Plan with Additional Requirements for Environmental Protection and Management

In addition to the measures relating to sustainable development, environmental protection, environmental management (and associated effects - see Table 7.3), which are provided under all alternatives, and measures relating to seasonality and regionality, provided for by this alternative and Alternative 2B, this alternative would provide additional requirements for environmental protection and management, including those taken from the Wild Atlantic Way Operational Programme and those relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services. In order to be realised, projects included in the Plan (in a similar way to other projects from any other sector) would have to demonstrate compliance, as relevant, with various provisions of legislation, policies, plans and programmes that form the statutory decision-making and consent-granting framework, of which the Plan is not part and does not contribute towards.

Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects (see Table 7.3) would continue to be mitigated through that process.

Although a Plan would help to improve the seasonal and geographic spread of visitors, a Plan's objective would be to increase the number of visitors to the Killarney area. Although this would be likely to happen without a Plan, a Plan would have the potential to increase numbers of tourists – and associated potential adverse effects – to a greater degree than would be the case if there was no Plan. This would be likely to contribute towards an increase in travel related greenhouse gas and other emissions to air, including from aviation. These increases will be mitigated by provisions that have been integrated into the Plan, including those relating to sustainable mobility and compliance with the Climate Action Plan 2021, the National Climate Change Adaptation Framework (2018 and any subsequent versions).

A Plan would also help to promote new experiences – including those relating to land use activities and developments. These would also have the potential to increase adverse effects. Notwithstanding this, there would be three layers of mitigation, through:

- The existing statutory planning and consent framework;
- Visitor management strategies; and

- Additional environmental requirements for environmental protection and management, under this alternative.

Alternative 2B: A Plan without Additional Requirements for Environmental Protection and Management

In addition to the measures relating to sustainable development, environmental management and environmental protection (and associated effects - see Table 7.3), which are provided under all alternatives, this Alternative (2B) would provide measures to improve seasonality and regionality. Seasonality and regionality would provide a greater spread of tourists throughout the year and across the Killarney area thereby reducing potential environmental effects and peak load additions on various infrastructure in particular locations/at particular times.

Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects (see Table 7.3) would continue to be mitigated through that process.

Although a Plan would help to improve the seasonal and geographic spread of visitors, a Plan's objective would be to increase the number of visitors to the Killarney area. Although this would be likely to happen without a Plan, a Plan would have the potential to increase numbers of tourists – and associated potential adverse effects – to a greater degree than would be the case if there was no Plan.

This would be likely to contribute towards an increase in travel related greenhouse gas and other emissions to air, including from aviation. These increases would be mitigated by the wider planning framework.

A Plan would also help to promote new experiences – including those relating to land use activities and developments. These would also have the potential to increase adverse effects. Notwithstanding this, there would be one layer of mitigation, through the existing statutory planning and consent framework.

7.5 Selected Alternative for the Plan

Taking into account the environmental effects detailed above and the challenges and opportunities present for tourism across the Killarney DEDP area, Fáilte Ireland have proceeded with Alternative 2A "A Plan with Additional Requirements for Environmental Protection and Management". A comparative assessment of all three alternatives against SEOs is provided on Table 7.4 overleaf.

Table 7.4 Comparative Evaluation of Alternatives against SEOs

	Likely to Improve status of SEOs			Potential Conflict with status of SEOs - likely to be mitigated by complying with other measures included within the Plan		Probable Conflict with status of SEOs- unlikely to be fully mitigated
	to the Greatest degree	to a Moderate degree	to a Lesser degree	to a Moderate degree	to a Greater degree	
Alternative 1: Business as Usual			B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1 Sustainable development, environmental management and environmental protection is provided through the existing statutory planning and consent framework. These measures would contribute towards positive effects on the protection and management of all environmental components (see Table 7.3).		B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1 Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects (see Table 7.3) would continue to be mitigated through that process. B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1 In the absence of a Plan, there would likely to be a continuing increase in tourist numbers – consistent with the development of tourism over many decades. The most popular locations in Killarney would be likely to see the largest increases in visitors, which would be likely to occur during the peak season. This would be likely to give rise to greater concentration of tourists during peak seasons and in the most popular locations thereby increasing potential environmental effects on all components and peak load additions on various infrastructure in particular locations/at particular times.	
Alternative 2A: A Plan with Additional Requirements for Environmental Protection and Management	B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1 In addition to the measures relating to sustainable development, environmental protection, environmental management (and associated effects - see Table 7.3) and measures relating to seasonality, regionality and visitor management strategies , provided for by this alternative and Alternative 2B, this Alternative (2A) would provide additional requirements for environmental protection and management .			B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1 Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects (see Table 7.3) would continue to be mitigated through that process. B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1 Although a Plan would help to improve the seasonal and geographic spread of visitors, a Plan’s objective would be to increase the number of visitors to the Killarney area. Although this would be likely to happen without a Plan, a Plan would have the potential to increase numbers of tourists – and associated potential adverse effects – to a greater degree. A Plan would also help to promote new experiences – including those relating to land use activities and developments. These would also have the potential to increase adverse effects. Notwithstanding these issues, there would be three layers of mitigation, through: <ul style="list-style-type: none"> • The existing statutory planning and consent framework; • Visitor management strategies; and • Additional environmental requirements for environmental protection and management, under this alternative. 		

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	Likely to Improve status of SEOs			Potential Conflict with status of SEOs - likely to be mitigated by complying with other measures included within the Plan		Probable Conflict with status of SEOs- unlikely to be fully mitigated
	to the Greatest degree	to a Moderate degree	to a Lesser degree	to a Moderate degree	to a Greater degree	
Alternative 2B: A Plan without Additional Requirements for Environmental Protection and Management		<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p> <p>In addition to the measures relating to sustainable development, environmental management and environmental protection (and associated effects - see Table 7.3), this alternative would provide measures relating to seasonality and regionality – such measures would also be provided for by Alternative 2A.</p>			<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p> <p>Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects (see Table 7.3) would continue to be mitigated through that process.</p> <p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p> <p>Although a Plan would help to improve the seasonal and geographic spread of visitors, a Plan's objective would be to increase the number of visitors to the Killarney area. Although this would be likely to happen without a Plan, a Plan would have the potential to increase numbers of tourists – and associated potential adverse effects – to a greater degree.</p> <p>A Plan would also help to promote new experiences – including those relating to land use activities and developments. These would also have the potential to increase adverse effects.</p> <p>Notwithstanding this, there would be two layers of mitigation, through:</p> <ul style="list-style-type: none"> • The existing statutory planning and consent framework; and • Visitor management strategies. 	

Section 8 Evaluation of Plan Provisions

8.1 Introduction

The relevant aspects of the current state of the environment (see Section 4) and the Strategic Environmental Objectives (see Section 5 and Table 8.1) are used in the assessment of the Plan.

The provisions are evaluated using compatibility criteria (see Table 8.2) in order to determine how they would be likely to affect the status of the SEOs. The SEOs and the Plan provisions are arrayed against each other to identify which interactions - if any - would cause effects on specific components of the environment. Where the appraisal identifies a likely conflict with the status of an SEO the relevant SEO code is entered into the conflict column - e.g. B1 which stands for the SEO likely to be affected - in this instance 'To contribute towards compliance with the Habitats and Birds Directives with regard to the protection of European sites and Annexed habitats and species⁸⁹'.

The interactions identified are reflective of likely significant environmental effects⁹⁰:

- Interactions that would be likely to improve the status of a particular SEO would be likely to result in a significant positive effect on the environmental component to which the SEO relates.
- Interactions that would potentially conflict with the status of an SEO and would be likely to be mitigated would be likely to result in potential significant negative effects however these effects will be mitigated by measures which have been integrated into the Plan (see Section 9).
- Interactions that would probably conflict with the status of an SEO and would be unlikely to be mitigated would be likely to result in a significant negative effect on the environmental component to which the SEO relates.

The degree to which effects can be fully determined at this level of decision-making is limited, as the Plan will be implemented alongside planning and project development and associated environmental assessments and administrative consent of projects. More detailed environmental measures may emanate from such assessments, further facilitating the mitigation of adverse effects.

⁸⁹ 'Annexed habitats and species' refer to those listed under Annex I, II & IV of the EU Habitats Directive and Annex I of the EU Birds Directive.

⁹⁰ These effects include secondary, cumulative, synergistic, short, medium and long-term permanent and temporary, positive and negative effects.

Table 8.1 Strategic Environmental Objectives

Environmental Component	Code	Strategic Environmental Objectives
Biodiversity, Flora and Fauna	B1	To contribute towards compliance with the Habitats and Birds Directives with regard to the protection of European sites and Annexed habitats and species ⁹¹
	B2	To contribute towards compliance with Article 10 of the Habitats Directive with regard to the management of features of the landscape which - by virtue of their linear and continuous structure or their function act as stepping stones (designated or not) - are of major importance for wild fauna and flora and essential for the migration, dispersal and genetic exchange of wild species
	B3	To contribute towards avoidance of significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites ⁹² and to ensure compliance with the Wildlife Acts 1976-2010 with regard to the protection of species listed on Schedule 5 of the principal Act
Population and Human Health	PHH1	To contribute towards the protection of populations and human health from exposure to incompatible landuses
Soil	S1	To minimise land take and loss to extent of soil resource
Water	W1	To contribute towards the maintenance and improvement, where possible, of the quality and status of surface waters
	W2	To contribute towards maintaining and improving, where possible, the chemical and quantitative status of groundwaters
	W3	To contribute towards compliance with the provisions of the Flood Risk Management Guidelines
Air and Climatic Factors	AC1	To contribute towards climate adaptation and mitigation
Material Assets	M1	For development to be served with adequate and appropriate critical infrastructure with sufficient capacity (drinking water, wastewater, waste and transport) that does not present a danger to human health
	M2	To contribute towards the protection of public assets and infrastructure, including that relating to recreation and leisure, transport, utilities and fisheries
	M3	To reduce waste volumes, minimise waste to landfill and increase recycling and reuse
Cultural Heritage	CH1	To contribute towards the protection of archaeological heritage including entries to the Record of Monuments and Places and/or their context
	CH2	To contribute towards the protection of architectural heritage including entries to the Records of Protected Structures and Architectural Conservation Areas and their context
Landscape	L1	To avoid conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans

Table 8.2 Criteria for appraising the effect of the Plan provisions on SEOs

Likely to Improve status of SEOs	Potential Conflict with status of SEOs- likely to be mitigated	Probable Conflict with status of SEOs- unlikely to be mitigated	No Likely interaction with status of SEOs
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⁹¹ 'Annexed habitats and species' refer to those listed under Annex I, II & IV of the EU Habitats Directive and Annex I of the EU Birds Directive.

⁹² The definition of a 'wildlife site' provided by the Planning and Development Act 2000, as amended, includes Natural Heritage Areas (NHAs) and proposed NHAs.

8.2 Overall Findings

The overall findings of the SEA are that:

- **The Plan contributes towards Compliance with Environmental Legislation and Guidelines**

Fáilte Ireland are integrating all recommendations arising from the SEA and AA processes into the Plan (see Section 9 of this report), facilitating compliance of the Plan with various European and National legislation and Guidelines relating to the sustainable development, environmental protection and environmental management.

Implementation of the Plan will contribute towards efforts to achieve a number of the 17 Sustainable Development Goals⁹³ of the 2030 Agenda for Sustainable Development, which were adopted by world leaders in 2015 at a United Nations Summit and came into force in 2016.

- **The Plan provides for Environmental Protection and Management**

Fáilte Ireland provides funding for sustainable tourism projects that emerge as part of specific, competitive, themed and time-bound grant schemes or as part of wider strategic partnerships. These include projects relating to land use, infrastructural development and land use activities and attractions. Reference made to such projects included in the Plan does not guarantee funding. While funding is provided to certain projects, Fáilte Ireland is not the developer.

In order to achieve funding (including promotion) for land use or infrastructural development or land use activities from Fáilte Ireland, Fáilte Ireland's stakeholders shall be required to demonstrate compliance⁹⁴ with measures relating to sustainable development, environmental protection and environmental management contained within the following Fáilte Ireland published documents:

- Wild Atlantic Way Operational Programme Appendix 5 "*Site Maintenance Guidelines*" and other relevant measures from the Fáilte Ireland visitor and habitat management guidelines series (and any subsequent replacements); and
- Wild Atlantic Way Operational Programme Appendix 6 "*Environmental Management for Local Authorities and Others*" (and any subsequent replacements).

In order to be realised, projects included in the Plan (in a similar way to other projects from any other sector) will have to comply, as relevant, with various provisions of legislation, policies, plans and programmes that form the statutory decision-making and consent-granting framework, of which the Plan is not part and does not contribute towards. Such legislation, policies, plans and programmes include:

- Requirements for lower-tier environmental assessment, including EIA and AA;
- Statutory land use plans that form part of the statutory decision-making and consent-granting framework (e.g. Development Plans, such as the existing Killarney County Development Plan 2015-2021, the emerging Killarney County Development Plan 2022-2028) and that have undergone environmental assessment, as appropriate, including various provisions relating to sustainable development, environmental protection and environmental management⁹⁵; and
- The Climate Action Plan 2021 and the National Climate Change Adaptation Framework (2018 and any subsequent versions)⁹⁶.

⁹³ Including: Goal 3 Ensure healthy lives and promote well-being for all at all ages; Goal 6 Ensure availability and sustainable management of water and sanitation for all; Goal 7 Ensure access to affordable, reliable, sustainable and modern energy for all.; Goal 8 Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all; Goal 9 Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation; Goal 11 Make cities and human settlements inclusive, safe, resilient and sustainable; Goal 12 Ensure sustainable consumption and production patterns; Goal 13 Take urgent action to combat climate change and its impacts; Goal 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

⁹⁴ Demonstration of compliance may be supported by monitoring undertaken by the beneficiary.

⁹⁵ For more information please refer to Appendix II of this report or the website of the relevant public authority.

⁹⁶ For more information please refer to Section 4.10 and/or Appendix II of this report or the website of the relevant public authority.

Further requirements have been integrated into the Plan under the headings of “Infrastructure Capacity”, “Visitor Management” and “Green Infrastructure and Ecosystem Services” – see Section 1.1 of this Environmental Report.

- **The Plan is likely to contribute towards, in combination with other governmental policies, plans etc., an increase in greenhouse gas emissions – although such increases will be mitigated**

The Plan seeks to lengthen dwell time and grow visitor numbers to the Killarney area and would, in combination with other governmental policies, plans etc., be likely to contribute towards in an increase in travel related greenhouse gas and other emissions to air, including from aviation. These increases will be mitigated by provisions that have been integrated into the Plan, including those relating to sustainable mobility and compliance with the Climate Action Plan 2021, the National Climate Change Adaptation Framework (2018 and any subsequent versions).

- **The Plan is Consistent with the existing Statutory Decision-Making and Consent-Granting Framework**

Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, stakeholders and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent.

The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

The National Planning Framework (NPF) sets out Ireland’s planning policy direction for the next 22 years. The NPF is to be implemented through Regional Spatial and Economic Strategies (RSESs) and lower tier Development Plans and Local Area Plans. The RSES for the Southern Region (that includes the area to which the Plan relates) sets out objectives relating tourism development, that have been subject to environmental assessment, including those relating to: enhancing provision of tourism and leisure amenity; promoting tourism activity; developing a road network and public transport services, facilitating improved visitor access and longer dwell times; developing walking and cycling trails, opening greater accessibility to the marine and countryside environment by sustainable modes; and facilitating appropriate tourism development, including that relating to greenways, blueways and peatlands. The RSES will inform the review of existing, assessed lower-tier Development Plans and Local Area Plans, which already include various provisions relating to land use, tourism and infrastructure. Such reviews will also be subject to environmental assessments.

Implementation of the Plan shall be consistent with and conform with the NPF, RSES and lower-tier land use plans, including provisions relating to sustainable development, environmental protection and environmental management that have been integrated into these documents, including through SEA and AA processes. In order to be realised, projects included in the Plan (in a similar way to other projects from any other sector) will have to comply, as relevant, with various legislation, policies, plans and programmes (including requirements for lower-tier Appropriate Assessment, Environmental Impact Assessment and other licencing requirements as appropriate) that form the statutory decision-making and consent-granting framework, of which the Plan is not part and does not contribute towards.

- **Potentially Significant Adverse Effects to be mitigated**

Potentially significant adverse environmental effects arising from the Plan, in combination with the existing statutory decision-making and consent-granting framework, are detailed on Table 8.3. These effects will be mitigated by the various provisions that have been integrated into the Plan including those that have arisen through the SEA and AA processes (see Section 9).

Table 8.3 details the various types of environmental effects likely to arise with respect to the Plan (as developed from the selected alternatives – see Section 7) as a direct result of activities under the Plan and in combination with the existing statutory decision-making and consent-granting framework. By complying with appropriate mitigation measures - including those that have been integrated into the Plan - potentially significant adverse environmental effects which could arise as a result of implementing the Plan would be likely to be avoided, reduced or offset.

Table 8.3 Overall Findings – Environmental Effects arising from Plan Provisions

Environmental Component	Environmental Effects, in combination with the existing statutory planning/decision-making and consent-granting framework ⁹⁷			SEO Codes
	Significant Positive Effect, likely to occur	Potential Significant Adverse Effect, if unmitigated	Residual Adverse Non-Significant Effects	
Biodiversity and flora and fauna	<ul style="list-style-type: none"> Contribution towards the protection and management of biodiversity and flora and fauna (in designated sites, including European sites and Wildlife Sites, and Annexed habitats and species, listed species, ecological connectivity and non-designated habitats) including through: <ul style="list-style-type: none"> Visitor management strategies; and Plan requirements for environmental protection and management. Contributes towards the maintenance of existing green infrastructure and its ecosystem services. Contribution towards protection of biodiversity and flora and fauna as a result of contributing towards the protection of environmental vectors, air, water and soil. 	<p>Arising from both construction and operation of tourism related development/activities:</p> <ul style="list-style-type: none"> Loss of/damage to biodiversity in designated sites (including European sites and Wildlife Sites) and Annexed habitats and species, listed species, ecological connectivity and non-designated habitats; and disturbance to biodiversity and flora and fauna; Habitat loss, fragmentation and deterioration, including patch size and edge effects; and Disturbance (e.g. due to noise and lighting along transport corridors) and displacement of protected species such as birds and bats. 	<ul style="list-style-type: none"> Loss of an extent of non-protected habitats and species arising from the replacement of semi-natural land covers with artificial surfaces arising from projects consented through the statutory planning/consent-granting framework. Losses or damage to ecology (these would be: in compliance with relevant legislation; and mitigated as projects would demonstrate compliance with various environmental protection and management measures) 	B1 B2 B3
Population and human health	<ul style="list-style-type: none"> Contribution towards the protection of human health including through Plan requirements for environmental protection and management. Contribution towards the protection of human health as a result of not directing additional tourists towards specific locations in instances where significant problems with critical infrastructure (drinking water, wastewater, waste and transport) have been identified. Contribution towards the protection amenity usage and access. Contribution towards the sustainable growth of tourism and associated sustenance and growth of communities in the Killarney area. 	<ul style="list-style-type: none"> Potential interactions if effects upon environmental vectors such as water are not mitigated. Potential interactions if additional tourists are directed towards specific locations in instances where significant problems with critical infrastructure (drinking water, wastewater, waste and transport) have been identified. 	<ul style="list-style-type: none"> Potential interactions with residual effects on environmental vectors. This has been mitigated by provisions that have been integrated into the Plan, including those relating to sustainable development, environmental protection and environmental management. 	PHH1

⁹⁷ Effects include in-combination effects – those arising from services, infrastructure and other development (to service development, including tourism) that are planned for and consented through the statutory framework including the NPF, RSES and lower-tier land use plans. Examples may include developments/operation of developments relating to water services, transport, access or accommodation. Mitigation includes that which has been integrated into the Plan – please refer to Section 9 of this report.

Environmental Component	Environmental Effects, in combination with the existing statutory planning/decision-making and consent-granting framework ⁹⁷			SEO Codes
	Significant Positive Effect, likely to occur	Potential Significant Adverse Effect, if unmitigated	Residual Adverse Non-Significant Effects	
Soil	<ul style="list-style-type: none"> Various provisions (e.g. relating to maintaining the wildness of areas that have not yet been developed) help to minimise land-take and loss of extent of soil resource. Contribution towards the protection of the environment from contamination. Contributes towards protection of designated sites of geological heritage. 	<ul style="list-style-type: none"> Adverse impacts upon the hydrogeological and ecological function of the soil resource. Adverse effects on designated geological heritage sites. Potential for increase in river bank erosion. 	<ul style="list-style-type: none"> Loss of an extent of soil function arising from the replacement of semi-natural land covers with artificial surfaces. 	S1
Water	<ul style="list-style-type: none"> Contribution towards the protection of water resources (including the status of surface and groundwaters) and water based designations including through integrating requirements for environmental protection and management into the Plan. Contribution towards flood risk management and appropriate drainage. 	<ul style="list-style-type: none"> Adverse impacts upon the status of water bodies and entries to the WFD Register of Protected Areas (ecological and human value), arising from changes in quality, flow and/or morphology. Increase in flood risk. 	<ul style="list-style-type: none"> Increased loadings as a result of development to comply with River Basin Management Plan. Flood related risks remain due to uncertainty with regard to extreme weather events – however such risks will be mitigated by: measures that have been integrated into the Plan; and the statutory planning/consent-granting framework. 	W1 W2 W3
Air and climatic factors	<ul style="list-style-type: none"> Contribution towards climate adaptation and mitigation through measures relating to: <ul style="list-style-type: none"> Walking and cycling; and Contribution towards European and national objectives for climate adaptation and mitigation, taking into account a wide range of detailed measures including those relating to resilience. 	<ul style="list-style-type: none"> Potential conflict, in combination with plans and programmes from all sectors including transport and land use planning, between increases in visitors (which is likely to result in an increase in greenhouse gas emissions and other emissions to air, including from aviation, with associated interactions with climatic factors) and local, national and European objectives to reduce carbon emissions. Potential conflicts between transport movements, including car movements, and air quality. 	<ul style="list-style-type: none"> An increase in travel related greenhouse gas and other emissions to air, including from aviation. This has been mitigated by provisions that have been integrated into the Plan, including those relating to sustainable mobility and compliance with the Climate Action Plan 2021, the National Climate Change Adaptation Framework (2018 and any subsequent versions). Risks remain due to uncertainty with regard to climate and interactions with issues including flooding and material assets. 	AC1
Material Assets	<ul style="list-style-type: none"> Contributes towards protection and allows for continued use of public assets and infrastructure. Contains clear objectives around seasonality and regionality which look not only to spread the benefits of tourism but also the potential impacts/ load associated with tourism. Helps to minimise likelihood of exceeding capacity in material assets as a result of not directing additional tourists towards specific locations in instances where significant problems with critical infrastructure (drinking water, wastewater, waste and transport) have been identified. Contribution towards compliance with national and regional water services and waste management policies. 	<ul style="list-style-type: none"> Increased number of visitors have the potential to increase traffic levels. The need to provide adequate and appropriate water services (it is the function of Irish Water to provide for such needs). Increases in waste levels and residual wastes from visitors and construction of developments. Potential impacts upon public assets and infrastructure. 	<ul style="list-style-type: none"> Residual wastes to be disposed of in line with higher level waste management policies. Increased loading on critical infrastructure (drinking water, wastewater, waste and transport) where no significant problems have been identified with this infrastructure. Exceedance of capacity in critical infrastructure risks remain due to uncertainty with regard to climate – however such risks will be mitigated by: measures that have been integrated into the Plan; and the statutory planning/consent-granting framework. Any impacts upon public assets and infrastructure to comply with statutory planning/consent-granting framework. 	M1 M2 M3

Environmental Component	Environmental Effects, in combination with the existing statutory planning/decision-making and consent-granting framework ⁹⁷			SEO Codes
	Significant Positive Effect, likely to occur	Potential Significant Adverse Effect, if unmitigated	Residual Adverse Non-Significant Effects	
Cultural Heritage	<ul style="list-style-type: none"> Contribution towards the long-term protection of archaeological and architectural heritage by encouraging greater levels of awareness and appreciation through, use, interpretation and access, in line with the requirements relating to the protection of cultural heritage including: entries to the Record of Monuments and Places and/or their context; and entries to the Records of Protected Structures and Architectural Conservation Areas and their context. 	<ul style="list-style-type: none"> Potential effects on designated and unknown archaeological heritage. Potential effects on architectural heritage. 	<ul style="list-style-type: none"> Potential alteration to the context and setting of architectural heritage however, these will occur in compliance with legislation. Potential alteration to the context and setting of archaeological heritage however, this will occur in compliance with legislation. Potential loss of unknown archaeology however, this loss will be mitigated by measures integrated into the Plan. 	CH1 CH2
Landscape	<ul style="list-style-type: none"> Contribution towards the protection of landscape designations as a result of: facilitating compliance with relevant plans; and maintaining the wildness of areas that have not yet been developed. 	<ul style="list-style-type: none"> Occurrence of adverse visual impacts, especially in marine, island and ridge areas where, and conflicts with the appropriate protection of statutory designations relating to the landscape. Changes in the appearance of the landscape. 	<ul style="list-style-type: none"> Residual visual effects (these would comply with landscape designation provisions). 	L1

8.3 Appropriate Assessment

Stage 2 Appropriate Assessment (AA) has been undertaken alongside preparation of the Plan. The requirement for AA is provided under the EU Habitats Directive (Directive 1992/43/EEC).

The conclusion of the AA is that the Plan will not affect the integrity of the European sites, alone or in combination with other plans or projects.

The preparation of the Plan, SEA and AA has taken place concurrently and the findings of the AA have informed the SEA. Various content has been integrated into the Plan through the SEA and AA processes (see Section 9).

8.4 Interrelationship between Environmental Components

The SEA Directive requires the Environmental Report to include information on the likely significant effects on the environment, on issues such as biodiversity, fauna, flora, population, human health, soil, water, air, climatic factors, material assets, cultural heritage including architectural and archaeological heritage, landscape and the interrelationship between the above factors.

Likely significant effects on environmental components that are identified include those that are interrelated; implementation of the Plan will not affect the interrelationships between these components. The presence of significant interrelationships between environmental components is identified on Table 8.4.

Table 8.4 Potential for Interrelationships between Environmental Components

Component	Biodiversity, flora and fauna	Population and human health	Soil	Water	Air and Climatic factors	Material assets	Cultural heritage	Landscape
Biodiversity, flora and fauna		Yes	Yes	Yes	Yes	Yes	No	Yes
Population and human health			Yes	Yes	Yes	Yes	No	Yes
Soil				Yes	Yes	Yes	No	No
Water					Yes	Yes	No	No
Air and Climatic factors						Yes	No	No
Material assets							Yes	Yes
Cultural heritage								Yes
Landscape								

8.5 More Detailed Assessment of Plan Provisions

The Plan is designed to enhance the existing tourism proposition in which visitors experience the Killarney while maximising its role as the principal exploration base for the wider Kerry tourism economy. Central to the Killarney DEDP is the Action Plan that lists all the actions that are required to address the development of destination projects. The Plan’s “**Destination Development Focus**” covers two overarching themes, “**Truly Killarney – Killarney Town and Experience**” and “**Outdoor Inspiration – Activity and Adventure**” under which a range of **catalyst projects** have been identified that will contribute to the creation of the in-destination conditions for tourism growth. The catalyst projects reflect the “**Strategic Development Pillars**” that provide the development focus over the next five years. In achieving the Plan objectives guided through the strategic pillars, each pillar contains a number of “**Destination Projects**”.

8.5.1 Plan’s Objectives

	Likely to Improve status of SEOs	Potential Conflict with status of SEOs-likely to be mitigated	Probable Conflict with status of SEOs-unlikely to be mitigated	No Likely interaction with status of SEOs
<p>The Objectives of the Plan are to:</p> <ul style="list-style-type: none"> Deliver the vision for Killarney in becoming a world class destination strongly differentiated through the integration of its stunning natural environment with a quality urban experience. Provide a short, medium to long term focus for post COVID-19 recovery while building resilience in the long term through a new strategic destination development approach. Develop a coherent destination brand approach communicating the Killarney visitor experience, building on the essence of the place, its people and status as a base and access point to the Wild Atlantic Way. Grow the economic impact of tourism activity through season extension and extending the length of stay in Killarney. Leverage the visitor potential of Killarney National Park and the uniqueness of the urban and outdoor experience proposition as a key USP for domestic and international visitors. Develop a coherent visitor experience pathway that aligns all members of the tourism industry to deliver great Killarney experiences and ensuring consistency across the destination. Maximise the Wild Atlantic Way opportunity for Killarney and the positioning of the town as a key exploration base for the wider Kerry visitor experience. Promote tourism vibrancy throughout the town through enhanced visitor flow and orientation throughout the town, its facilities and surrounding amenities. Address the challenges of evening economy provision while increasing the range of things to do during the day. Maximise the capacity of the town as a leading business tourism/MICE destination. Develop the opportunity for the destination through the hosting of leisure and business events. Work with the tourism industry to improve their capacity to deliver new and enhanced experiences and product/experience knowledge within the destination. Protect, sustain and enhance the natural environment of the Plan area. Develop Killarney as a tourism destination that is “accessible for all”. Contribute to sustainable destination development through the adoption of the VICE model as international best practice proactively embraced by all stakeholders. <p>In order to achieve the objectives of the Plan, the development framework is structured around interdependent layers of activity, including:</p> <ul style="list-style-type: none"> Strategic Development Pillars - Creating the conditions for Experience Development (Developing New Experiences); Achieving the vision through Catalyst Projects (Transformational); and Destination Projects - (Developing the Core Visitor Experiences). 	<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p>	<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p>		
<p>SEA Commentary:</p> <p><i>The assessment of the Plan’s Key Objectives against Strategic Environmental Objectives (SEOs B1, B2, B3, PHH1, S1, W1, W2, W3, AC1, M1, M2, M3, CH1, CH2 and L1) is consistent with the:</i></p> <ul style="list-style-type: none"> <i>Environmental effects detailed under subsections 8.2 to 8.4; and</i> <i>Assessments of the selected alternatives for the Plan provided at Section 7 of this report.</i> <p><i>Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent. The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.</i></p> <p><i>The SEA process that has been undertaken alongside the preparation of the Plan has brought about various changes to the emerging Plan through an iterative process. These measures are reproduced under Section 9 “Mitigation Measures” of this SEA Environmental Report. By integrating all SEA recommendations into the Plan, Fáilte Ireland is helping to ensure that:</i></p>				

- The potential significant adverse effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are avoided, reduced or offset; and
- The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised.

Sustainability and the environment have been integrated into the Plan's Objectives, for example:

- Key objectives e.g. "**Protect, sustain and enhance the natural environment of the Plan area**" and "**Contribute to sustainable destination development** through the adoption of the VICE model as international best practice proactively embraced by all stakeholders."

8.5.2 Action Plan: "Pillar One: Destination Competitiveness"

The Plan should be referred to for more detail than is produced below, including timeframes, leads and partners for each of action.		Likely to Improve status of SEOs	Potential Conflict with status of SEOs-likely to be mitigated	Probable Conflict with status of SEOs-unlikely to be mitigated	No Likely interaction with status of SEOs
<p>Project 1 – Business Tourism</p> <p>1.1 Deliver the new Kerry Convention Bureau Roadmap to Growth strategy to develop Business Tourism and address the challenge of seasonality in Killarney through enhancing its appeal to the MICE sector.</p> <p>1.2 Examine the opportunity for a Gala Dining venue for Killarney that's enhances the business tourism capacity of the destination and increasing business tourism competitiveness versus other national MICE destinations.</p> <p>Project 2 – Festivals and Events</p> <p>1.3 Continue to support Killarney's current annual suite of festivals and events with a long term vision to develop an additional suite of festivals and events which will increase seasonality for Killarney through a multi-stakeholder approach, that will stimulate both the day time and evening economy.</p> <p>Project 3 – Destination Performance</p> <p>1.4 Undertake a new accommodation performance and data research project to monitor tourism performance in Killarney with the support of the accommodation sector to confidently contribute data in a timely and regular manner to an agreed research system</p>		B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1	B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1		

SEA Commentary:

The assessment of the Plan's "Pillar One: Destination Competitiveness" Actions against Strategic Environmental Objectives (SEOs B1, B2, B3, PHH1, S1, W1, W2, W3, AC1, M1, M2, M3, CH1, CH2 and L1) is consistent with the:

- Environmental effects detailed under subsections 8.2 to 8.4; and
- Assessments of the selected alternatives for the Plan provided at Section 7 of this report.

Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent. The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

These actions will contribute towards positive environmental effects (see Table 8.3) through **seasonality** (e.g. Action 1.1 "address the challenge of **seasonality** in Killarney" and Action 1.3 "increase **seasonality** for Killarney").

The actions will also contribute towards the promotion of new experiences – including those relating to land use activities and developments – and would be likely to contribute towards an increase in the number and dwell time of visitors (and associated potential adverse effects – see Table 8.3) to the Killarney area. New built developments and increases in the number and dwell time of visitors would continue to be planned for, mitigated and consented through the existing statutory planning and consent framework. The mitigation of potential adverse effects arising (see Table 8.3) would also be contributed towards by additional Plan measures, including those relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services. Any amendment to the Plan or integration of Plan provisions into other Plans, Programmes etc. would have to be subject to Screening for SEA and AA processes and full assessments as relevant.

The development of new and existing greenways, blueways, trails and walking and cycling routes, including those within the Killarney area and linking to other areas has the potential to contribute towards sustainable mobility and a better management of movements in sensitive areas, thereby benefitting various environmental components including habitats at certain locations. The development of these projects, however, presents a variety of potentially adverse environmental effects that would, if unmitigated, have the potential to arise from both the construction and operation of such developments and/or their ancillary infrastructure. These types of infrastructure are often constructed in ecologically and visually sensitive areas, for example along the coast or estuaries or adjacent to the banks of rivers and streams. Potential adverse effects would be mitigated both by measures referred to in Section 9 of this report. The development of green infrastructure can achieve synergies with regard to the provision of open space amenities, sustainable mobility, the sustainable management of water, the protection and management of biodiversity, the protection of cultural heritage and the protection of protected landscape sensitivities.

The SEA process that has been undertaken alongside the preparation of the Plan has brought about various changes to the emerging Plan through an iterative process. These measures are reproduced under Section 9 "Mitigation Measures" of this SEA Environmental Report. By integrating all SEA recommendations into the Plan, Fáilte Ireland is helping to ensure that:

- The potential significant adverse effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are avoided, reduced or offset; and

- The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised.

8.5.3 Action Plan: “Pillar Two: Destination Brand”

<p>The Plan should be referred to for more detail than is produced below, including timeframes, leads and partners for each of the action.</p>	<p>Likely to Improve status of SEOs</p>	<p>Potential Conflict with status of SEOs-likely to be mitigated</p>	<p>Probable Conflict with status of SEOs-unlikely to be mitigated</p>	<p>No Likely interaction with status of SEOs</p>								
<table border="1"> <tr> <th colspan="2">Project 1 – Destination Brand</th> </tr> <tr> <td>2.1</td> <td>Review, refresh and develop the brand for Killarney creating a unified destination marketing approach supported by a narrative that defines the destination ambition for Killarney, delivered with the resources required to create an impactful international tourism destination brand.</td> </tr> <tr> <th colspan="2">Project 5 – Destination Imagery</th> </tr> <tr> <td>2.2</td> <td>Develop the suite of visual assets that communicates the Killarney experience and reflects a new destination brand approach to be adopted by all stakeholders in marketing development.</td> </tr> </table>	Project 1 – Destination Brand		2.1	Review, refresh and develop the brand for Killarney creating a unified destination marketing approach supported by a narrative that defines the destination ambition for Killarney, delivered with the resources required to create an impactful international tourism destination brand.	Project 5 – Destination Imagery		2.2	Develop the suite of visual assets that communicates the Killarney experience and reflects a new destination brand approach to be adopted by all stakeholders in marketing development.	<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p>	<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p>		
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Project 5 – Destination Imagery												
2.2	Develop the suite of visual assets that communicates the Killarney experience and reflects a new destination brand approach to be adopted by all stakeholders in marketing development.											
<p>SEA Commentary:</p> <p>The assessment of the Plan’s “Pillar Two: Destination Brand” Actions against Strategic Environmental Objectives (SEOs B1, B2, B3, PHH1, S1, W1, W2, W3, AC1, M1, M2, M3, CH1, CH2 and L1) is consistent with the:</p> <ul style="list-style-type: none"> Environmental effects detailed under subsections 8.2 to 8.4; and Assessments of the selected alternatives for the Plan provided at Section 7 of this report. <p>Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent. The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.</p> <p>The actions will also contribute towards the promotion of new experiences – including those relating to land use activities and developments – and would be likely to contribute towards an increase in the number and dwell time of visitors (and associated potential adverse effects – see Table 8.3) to the Killarney area. New built developments and increases in the number and dwell time of visitors would continue to be planned for, mitigated and consented through the existing statutory planning and consent framework. The mitigation of potential adverse effects arising (see Table 8.3) would also be contributed towards by additional Plan measures, including those relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services. Any amendment to the Plan or integration of Plan provisions into other Plans, Programmes etc. would have to be subject to Screening for SEA and AA processes and full assessments as relevant.</p> <p>The development of new and existing greenways, blueways, trails and walking and cycling routes, including those within the Killarney area and linking to other areas has the potential to contribute towards sustainable mobility and a better management of movements in sensitive areas, thereby benefitting various environmental components including habitats at certain locations. The development of these projects, however, presents a variety of potentially adverse environmental effects that would, if unmitigated, have the potential to arise from both the construction and operation of such developments and/or their ancillary infrastructure. These types of infrastructure are often constructed in ecologically and visually sensitive areas, for example along the estuaries or adjacent to the banks of rivers and streams. Potential adverse effects would be mitigated both by measures referred to in Section 9 of this report. The development of green infrastructure can achieve synergies with regard to the provision of open space amenities, sustainable mobility, the sustainable management of water, the protection and management of biodiversity, the protection of cultural heritage and the protection of protected landscape sensitivities.</p> <p>The SEA process that has been undertaken alongside the preparation of the Plan has brought about various changes to the emerging Plan through an iterative process. These measures are reproduced under Section 9 “Mitigation Measures” of this SEA Environmental Report. By integrating all SEA recommendations into the Plan, Fáilte Ireland is helping to ensure that:</p> <ul style="list-style-type: none"> The potential significant adverse effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are avoided, reduced or offset; and The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised. 												

8.5.4 Action Plan: “Pillar Three: Industry Innovation”

<p>The Plan should be referred to for more detail than is produced below, including timeframes, leads and partners for each of the action.</p>	<p>Likely to Improve status of SEOs</p>	<p>Potential Conflict with status of SEOs-likely to be mitigated</p>	<p>Probable Conflict with status of SEOs-unlikely to be mitigated</p>	<p>No Likely interaction with status of SEOs</p>
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Project 6 – Re-imaging Urban Spaces (Strand A and Strand B)		B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1	B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1		
3.1	Work to sustainably develop the public realm through urban animation projects that have potential to transform and re-imagine urban centres for visitors. At the same time, create vibrant and creative communities and greater capacity in outdoor dining by supporting individual businesses to upgrade and enhance streets and public spaces and implementing weather-proofing solutions which will facilitate year-round outdoor dining.				
Project 7 – Public Realm, Placemaking & Orientation (Original)					
3.2	Develop new visitor experiences by enhancing the Killarney Town Story and creating a sense of place which will identify with the existing historical, cultural landmark buildings and promote the uniqueness of the town.				
3.3	Implementation of new public realm plan for Killarney with strong pedestrian links to the town core which will include reimagining the laneways and improving connectiveness, promoting smarter sustainable transport modes by means of wayfinding and green linkages, orientating the town to the National Park and Killarney House & Gardens.				
Project 8 – Visitor Orientation					
3.4	Development of Killarney Experience Trails to introduce visitor to the full range of immersive experiences that exists such as the creation of thematic cultural, heritage and food trail options supporting visitor dispersion across the town.				
3.5	Develop a consistent approach to visitor trails linking the town and park delivering an innovative waymarking approach that introduces visitors to new Killarney experiences and linking the town and the National Park with a menu of looped walks/cycles varying distances e.g. 1km, 5km, 10k and 25+ Killarney Trails encompassing and complimenting the development of the new corporate brand for Ireland's National Parks, which includes waymarking signposting.				
Project 9 – Killarney Retail Experience					
3.6	Review the retail offering for Killarney in light of insights and research which will address the diversification required from the local and visitors' perspective.				
3.7	Examine the opportunity to create a market area and market experience for Killarney with a town centre focus to house artisan produce and add to the diversity of retail experiences.				
Project 10 – Indoor Tourism Sites					
3.8	Examine the feasibility of a new indoor visitor attraction / activity centre for Killarney that will have the capacity to become a key attraction addressing the challenge of seasonality and generating all year-round activity and has the greatest potential to grow tourism.				

SEA Commentary:

The assessment of the Plan's "Pillar Three: Industry Innovation" Actions against Strategic Environmental Objectives (SEOs B1, B2, B3, PHH1, S1, W1, W2, W3, AC1, M1, M2, M3, CH1, CH2 and L1) is consistent with the:

- Environmental effects detailed under subsections 8.2 to 8.4; and
- Assessments of the selected alternatives for the Plan provided at Section 7 of this report.

Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent. The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

These actions will contribute towards positive environmental effects (see Table 8.3) including through:

- Sustainability (e.g. Action 3.1 "work to **sustainably** develop the public realm through urban animation projects",
- Seasonality (e.g. Action 3.8 "addressing the challenge of **seasonality**");
- Visitor management (e.g. Action 3.4 "supporting **visitor dispersion** across the town"); and
- Reducing emissions (e.g. Action 3.3 "...**strong pedestrian links** to the town core which will include **reimagining the laneways and improving connectiveness, promoting smarter sustainable transport modes by means of wayfinding and green linkages...**").

The actions will also contribute towards the promotion of new experiences – including those relating to land use activities and developments – and would be likely to contribute towards an increase in the number and dwell time of visitors (and associated potential adverse effects – see Table 8.3) to the Killarney area. New built developments and increases in the number and dwell time of visitors would continue to be planned for, mitigated and consented through the existing statutory planning and consent framework. The mitigation of potential adverse effects arising (see Table 8.3) would also be contributed towards by additional Plan measures, including those relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services. Any amendment to the Plan or integration of Plan provisions into other Plans, Programmes etc. would have to be subject to Screening for SEA and AA processes and full assessments as relevant.

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- The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised.

8.5.5 Action Plan: "Pillar Four: Killarney Experiences"

The Plan should be referred to for more detail than is produced below, including timeframes, leads and partners for each of the action.	Likely to Improve status of SEOs	Potential Conflict with status of SEOs-likely to be mitigated	Probable Conflict with status of SEOs-unlikely to be mitigated	No Likely interaction with status of SEOs														
<p>Project 11 – Killarney National Park (All projects will ensure that the biodiversity role of NPWS is fully understood and appreciated)</p> <table border="1"> <tr> <td data-bbox="137 902 204 1048">4.1</td> <td data-bbox="204 902 722 1048">Support the implementation of the Killarney National Park Tourism Interpretation Masterplan Framework (T.I.M.P.) to create new activity, heritage and cultural experiences for visitors and the local community through enhanced trails facilities and visitor servicing.</td> </tr> <tr> <td data-bbox="137 1048 204 1115">4.2</td> <td data-bbox="204 1048 722 1115">Examine the requirements to deliver the Lough Lein Loop.</td> </tr> <tr> <td data-bbox="137 1115 204 1193">4.3</td> <td data-bbox="204 1115 722 1193">Assess the feasibility to complete a cycle and walkway from Killarney town to Muckross as part of the Muckross Lake Loop.</td> </tr> <tr> <td data-bbox="137 1193 204 1305">4.4</td> <td data-bbox="204 1193 722 1305">Assess the feasibility of maximising the opportunity for developing looped walks and trails linked to the national park that unlock the potential of the Killarney National Park as a major project for Killarney.</td> </tr> <tr> <td data-bbox="137 1305 204 1440">4.5</td> <td data-bbox="204 1305 722 1440">Deliver an annual education programme for the tourism industry on the opportunities and constraints that exist within Killarney National Park for all Tourism Stakeholders to understand the daily operational programmes to deliver a responsible approach to use of the park.</td> </tr> <tr> <td data-bbox="137 1440 204 1709">4.6</td> <td data-bbox="204 1440 722 1709">Undertake an audit of existing visitor experiences and events currently operating in the Killarney National Park examining how many are prebookable to 'walk up' experiences or events. Pilot an annual or bi-annual permit system for activity providers operators in association with accommodation providers which will include terms, conditions and guidelines that will protect park resources and the role of NPWS while allowing the event or experience to enjoy the park without interfering with other park visitors, protect the park resources and role of NPWS.</td> </tr> <tr> <td data-bbox="137 1709 204 1776">4.7</td> <td data-bbox="204 1709 722 1776">Assess the feasibility of developing a new natural sculpture trail linking the town with Killarney National Park.</td> </tr> </table>	4.1	Support the implementation of the Killarney National Park Tourism Interpretation Masterplan Framework (T.I.M.P.) to create new activity, heritage and cultural experiences for visitors and the local community through enhanced trails facilities and visitor servicing.	4.2	Examine the requirements to deliver the Lough Lein Loop.	4.3	Assess the feasibility to complete a cycle and walkway from Killarney town to Muckross as part of the Muckross Lake Loop.	4.4	Assess the feasibility of maximising the opportunity for developing looped walks and trails linked to the national park that unlock the potential of the Killarney National Park as a major project for Killarney.	4.5	Deliver an annual education programme for the tourism industry on the opportunities and constraints that exist within Killarney National Park for all Tourism Stakeholders to understand the daily operational programmes to deliver a responsible approach to use of the park.	4.6	Undertake an audit of existing visitor experiences and events currently operating in the Killarney National Park examining how many are prebookable to 'walk up' experiences or events. Pilot an annual or bi-annual permit system for activity providers operators in association with accommodation providers which will include terms, conditions and guidelines that will protect park resources and the role of NPWS while allowing the event or experience to enjoy the park without interfering with other park visitors, protect the park resources and role of NPWS.	4.7	Assess the feasibility of developing a new natural sculpture trail linking the town with Killarney National Park.	<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p>	<p>B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1</p>		
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4.7	Assess the feasibility of developing a new natural sculpture trail linking the town with Killarney National Park.																	
<p>Project 12 – Killarney House (All projects will ensure that the biodiversity role of NPWS is fully understood and appreciated)</p>																		

4.8	Deliver on the potential of Killarney House and Gardens through a master planning approach from external signage to the use of additional on-site facilities as part of visitor experience			
4.9	Support and deliver on the potential of visitor experiences for Killarney House and Gardens.			
4.10	Assess the feasibility of developing a "shared facilities" unit for use by activity providers and consumers in the National Park.			
Project 13 – Killarney Arts and Cultural Experiences				
4.11	Expand the level of accessibility of the arts and cultural experience provision for visitors through the two new cultural venues, delivering day and evening time experiences.			
Project 14 – Killarney Food and Drink Experiences				
4.12	Develop new food and drink experiences in Killarney and increase the variety of quality dining options available to visitors.			
4.13	Develop a motivational and innovative Killarney Food Trail for visitors linking the Killarney Food Story with associated food and drink experiences.			
4.14	Examine the development of new Killarney food and drink experiences and venues to deliver uniquely Killarney evening experiences.			
Project 15 – The Killarney Story				
4.15	Examine the potential to capitalise on Killarney's outdoor assets and re-imagine its story/stories through its urban spaces with the development through a public realm and urban animation project that have the potential to transform and re-imagine Killarney urban centre for both visitors and communities.			
Project 16 – Digitalisation				
4.16	Digitalisation for businesses to expand their market reach, increase growth and improve operational efficiencies as well as enhancing the visitor experience and improving destination management. Websites, booking facilities and digital distribution technologies must be adopted by attractions and activity provider to target those in the planning phase of their trip and those that are already in-destination researching things to see and do.			

SEA Commentary:

The assessment of the Plan's "Pillar Four: Killarney Experiences" Actions against Strategic Environmental Objectives (SEOs B1, B2, B3, PHH1, S1, W1, W2, W3, AC1, M1, M2, M3, CH1, CH2 and L1) is consistent with the:

- Environmental effects detailed under subsections 8.2 to 8.4; and
- Assessments of the selected alternatives for the Plan provided at Section 7 of this report.

Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent. The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

These actions will contribute towards positive environmental effects (see Table 8.3) including through:

- Reducing emissions (e.g. Action 4.3 "Assess the **feasibility to complete a cycle and walkway** from Killarney town to Muckross...")
- Sustainable development, environmental protection, environmental management (e.g. Action 4.6 "...terms, conditions and guidelines **that will protect park resources and the role of NPWS** while allowing the event or experience to **enjoy the park without interfering with other park visitors, protect the park resources and role of NPWS.**")
- Visitor management (e.g. Action 4.16"...enhancing the **visitor experience** and improving **destination management...**")

The actions will also contribute towards the promotion of new experiences – including those relating to land use activities and developments – and would be likely to contribute towards an increase in the number and dwell time of visitors (and associated potential adverse effects – see Table 8.3) to the Killarney area. New built developments and increases in the number and dwell time of visitors would continue to be planned for, mitigated and consented through the existing statutory planning and consent framework. The mitigation of potential adverse effects arising (see Table 8.3) would also be contributed towards by additional Plan measures, including those relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services. Any amendment to the Plan or integration of Plan provisions into other Plans, Programmes etc. would have to be subject to Screening for SEA and AA processes and full assessments as relevant.

The development of new and existing greenways, blueways, trails and walking and cycling routes, including those within the Killarney area and linking to other areas has the potential to contribute towards sustainable mobility and a better management of movements in sensitive areas, thereby benefitting various environmental components including habitats at certain locations. The development of these projects, however, presents a variety of potentially adverse environmental effects that would, if unmitigated, have the potential to arise from both the construction and operation of such developments and/or their ancillary infrastructure. These types of infrastructure are often constructed in ecologically and visually sensitive areas, for example along the estuaries or adjacent to the banks of rivers and streams. Potential adverse effects would be mitigated both by measures referred to in Section 9 of this report. The development of green infrastructure can achieve synergies with regard to the provision of open space amenities, sustainable mobility, the sustainable management of water, the protection and management of biodiversity, the protection of cultural heritage and the protection of protected landscape sensitivities.

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- The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised.

8.5.6 Action Plan: "Pillar Five: Experience Artisans"

The Plan should be referred to for more detail than is produced below, including timeframes, leads and partners for each of the action.		Likely to Improve status of SEOs	Potential Conflict with status of SEOs- likely to be mitigated	Probable Conflict with status of SEOs- unlikely to be mitigated	No Likely interaction with status of SEOs
Project 17 – Business Capability		B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1	B1 B2 B3 PHH1 S1 W1 W2 W3 AC1 M1 M2 M3 CH1 CH2 L1		
5.1	Develop the Front of House local experience training programme to build industry capability of both day and night time experiences which they can share with visitors to Killarney, i.e.. what's on, where to go, how to book etc.				
5.2	Develop a new focus on itinerary creation for visitors to extend dwell time in Killarney. This will see the creation of packages that link tourism providers in Killarney with other tourism providers to co-create new added value experiences in Killarney and on the Wild Atlantic Way.				
5.3	Demonstrate destination leadership in the creation of strong content and engagement with digital platforms and technologies to communicate with visitor audiences showcasing new, collaborative experiences.				
5.4	Conduct an audit of experiences available in Killarney, review how they are being "sold" to the visitor and categorise in terms of Activity, Heritage, Day time experience, night time experience, bookable online				
5.5	Increase the number of bookable experiences available to visitors in Killarney across the day and evening economy.				
5.6	Deliver a bespoke modular business supports programme for Killarney through the creation of a visitor experience innovation academy programme. This programme will improve industry product knowledge, increase levels of collaboration and increase both domestic and international economy for Killarney.				
Project 18 – Safe Destination					
5.7	To ensure all businesses in Killarney adopt and promote the Safe Destination Kerry initiative and which links to the Purple Flag recognising excellence in the management of the evening and night-time economy and Killarney a safe and friendly environment in which to live, socialise and work.				
Project 19 – Evening Economy					
5.8	Implement a new evening experience development focus to new evening time experiences in Killarney outside of public houses and maximise its events hosting capacity to stimulate the evening economy.				
5.9	Maximise the potential of Killarney as a leisure and business event centre to host large events and become a catalyst for engaging with the evening economy.				
5.10	Support the continued development of the Purple Flag and its capacity to create a unifying				

	engagement platform for the community and the tourism industry				
Project 20 – Sustainable Tourism Destination					
5.11	Develop an industry and community wide approach to sustainable tourism that supports Killarney's ambition to be a world leading responsible tourism destination				
Project 21 – Tourism for All					
5.12	Develop the opportunity for accessible tourism in delivering 'Tourism for All' with Killarney as the leading national accessible tourism destination in Ireland.				
Project 22 – Active Travel					
5.13	Develop high quality walking and cycling facilities in Killarney as part of the Active Travel funding which will encourage more people to switch to active travel and will contribute to tackling climate change. Connecting communities and making walking and cycling attractive, safe and accessible to everyone is what this funding will help to accomplish				

SEA Commentary:

The assessment of the Plan's "Pillar Five: Experience Artisans " Actions against Strategic Environmental Objectives (SEOs B1, B2, B3, PHH1, S1, W1, W2, W3, AC1, M1, M2, M3, CH1, CH2 and L1) is consistent with the:

- Environmental effects detailed under subsections 8.2 to 8.4; and
- Assessments of the selected alternatives for the Plan provided at Section 7 of this report.

Implementing the Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. The Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent. The Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

These actions will contribute towards positive environmental effects (see Table 8.3) including through:

- Reducing emissions (e.g. Action 5.13 "Develop **high quality walking and cycling facilities** in Killarney as part of the Active Travel funding which will **encourage more people to switch to active travel and will contribute to tackling climate change. Connecting communities and making walking and cycling attractive, safe and accessible to everyone is what this funding will help to accomplish.**")
- Sustainable development, environmental protection, environmental management (e.g. Action 5.11 "Develop an industry and community **wide approach to sustainable tourism** that supports Killarney's ambition to be a **world leading responsible tourism destination**")

The actions will also contribute towards the promotion of new experiences – including those relating to land use activities and developments – and would be likely to contribute towards an increase in the number and dwell time of visitors (and associated potential adverse effects – see Table 8.3) to the Killarney area. New built developments and increases in the number and dwell time of visitors would continue to be planned for, mitigated and consented through the existing statutory planning and consent framework. The mitigation of potential adverse effects arising (see Table 8.3) would also be contributed towards by additional Plan measures, including those relating to infrastructure capacity, visitor management and green infrastructure and ecosystem services. Any amendment to the Plan or integration of Plan provisions into other Plans, Programmes etc. would have to be subject to Screening for SEA and AA processes and full assessments as relevant.

The development of new and existing greenways, blueways, trails and walking and cycling routes, including those within the Killarney area and linking to other areas has the potential to contribute towards sustainable mobility and a better management of movements in sensitive areas, thereby benefitting various environmental components including habitats at certain locations. The development of these projects, however, presents a variety of potentially adverse environmental effects that would, if unmitigated, have the potential to arise from both the construction and operation of such developments and/or their ancillary infrastructure. These types of infrastructure are often constructed in ecologically and visually sensitive areas, for example along the estuaries or adjacent to the banks of rivers and streams. Potential adverse effects would be mitigated both by measures referred to in Section 9 of this report. The development of green infrastructure can achieve synergies with regard to the provision of open space amenities, sustainable mobility, the sustainable management of water, the protection and management of biodiversity, the protection of cultural heritage and the protection of protected landscape sensitivities.

The SEA process that has been undertaken alongside the preparation of the Plan has brought about various changes to the emerging Plan through an iterative process. These measures are reproduced under Section 9 "Mitigation Measures" of this SEA Environmental Report. By integrating all SEA recommendations into the Plan, Fáilte Ireland is helping to ensure that:

- The potential significant adverse effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are avoided, reduced or offset; and
- The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised.

Section 9 Mitigation Measures

9.1 Introduction

Mitigation measures are measures envisaged to prevent, reduce and, as fully as possible, offset any significant adverse impacts on the environment of implementing the Plan. Various environmental sensitivities and issues have been communicated to Fáilte Ireland through the SEA and Appropriate Assessment (AA) processes.

By integrating all SEA and AA recommendations into the Plan, Fáilte Ireland is helping to ensure that:

- The potential significant adverse effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are avoided, reduced or offset; and
- The beneficial environmental effects of implementing the Plan, in combination with implementation of other provisions from the Plan and other plans, programmes, etc., are maximised.

Mitigation was achieved through the following:

- Establishing the status of the Plan and its interrelationship with the Statutory Decision-Making and Consent-Granting Framework⁹⁸; and
- Integrating Requirements for Environmental Compliance into the Plan⁹⁹.

9.2 Establishing the status of the Plan and its interrelationship with the Statutory Decision-Making and Consent-Granting Framework¹⁰⁰

The SEA team worked with the Plan-preparation team at Fáilte Ireland in order to help establish the status of the Plan and its interrelationship with the Statutory Decision-Making and Consent-Granting Framework.

Implementing the Killarney Destination Experience Development Plan will involve Fáilte Ireland helping to facilitate, promote, support and coordinate stakeholders (including local authorities, other government agencies, tourism operators, communities and visitors) in their activities in a way that is consistent with existing and emerging plans that have been subject to environmental assessment. **The Killarney Destination Experience Development Plan does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent.**

The Killarney Destination Experience Development Plan is situated alongside a hierarchy of statutory documents setting out public policy for, among other things, land use development, tourism, infrastructure, sustainable development, environmental protection and environmental management. These other existing policies, plans etc. have been subject to their own environmental assessment processes, as relevant, and form the decision-making and consent-granting framework.

The National Planning Framework (NPF) sets out Ireland's planning policy direction up to 2040. The NPF is to be implemented through Regional Spatial and Economic Strategies (RSEs) and lower tier Development Plans and Local Area Plans. The RSEs for the Southern Region (that includes the area to which the Plan relates) sets out objectives relating tourism development, that have been subject to environmental assessment, including those relating to: enhancing provision of tourism and leisure amenity; promoting tourism activity; developing a road network and public transport services, facilitating improved visitor access and longer dwell times; developing walking and cycling trails, opening greater accessibility to the marine and countryside environment by sustainable modes; and facilitating appropriate tourism development, including that relating to greenways, blueways and peatlands. The RSEs provides a framework for the review of existing, assessed lower-tier Development Plans and Local Area Plans, which already include various provisions relating to land use, tourism and infrastructure. Such reviews will also be subject to environmental assessments.

⁹⁸ This framework includes various environmental requirements.

⁹⁹ These requirements include those that have arisen through the SEA and/or AA processes.

¹⁰⁰ This framework includes various environmental requirements.

Implementation of the Killarney Destination Experience Development Plan shall be consistent with and conform with the NPF, RSES and lower-tier land use plans, including provisions relating to sustainable development, environmental protection and environmental management that have been integrated into these documents including through SEA and AA processes. In order to be realised, projects included in the Killarney Destination Experience Development Plan (in a similar way to other projects from any other sector) will have to comply, as relevant, with various legislation, policies, plans and programmes (including requirements for lower-tier Appropriate Assessment, Environmental Impact Assessment and other licencing requirements as appropriate) that form the statutory decision-making and consent-granting framework, of which the Killarney Destination Experience Development Plan is not part and does not contribute towards.

Figure 9.1 provides a schematic of the relationship between Destination Experience Development Plan and the existing Statutory Decision-Making and Consent-Granting Framework. Also indicated is the hierarchy of accompanying environmental assessment in force. Note that the Overall Findings of this SEA are provided under Section 8.2 of this SEA Environmental Report.

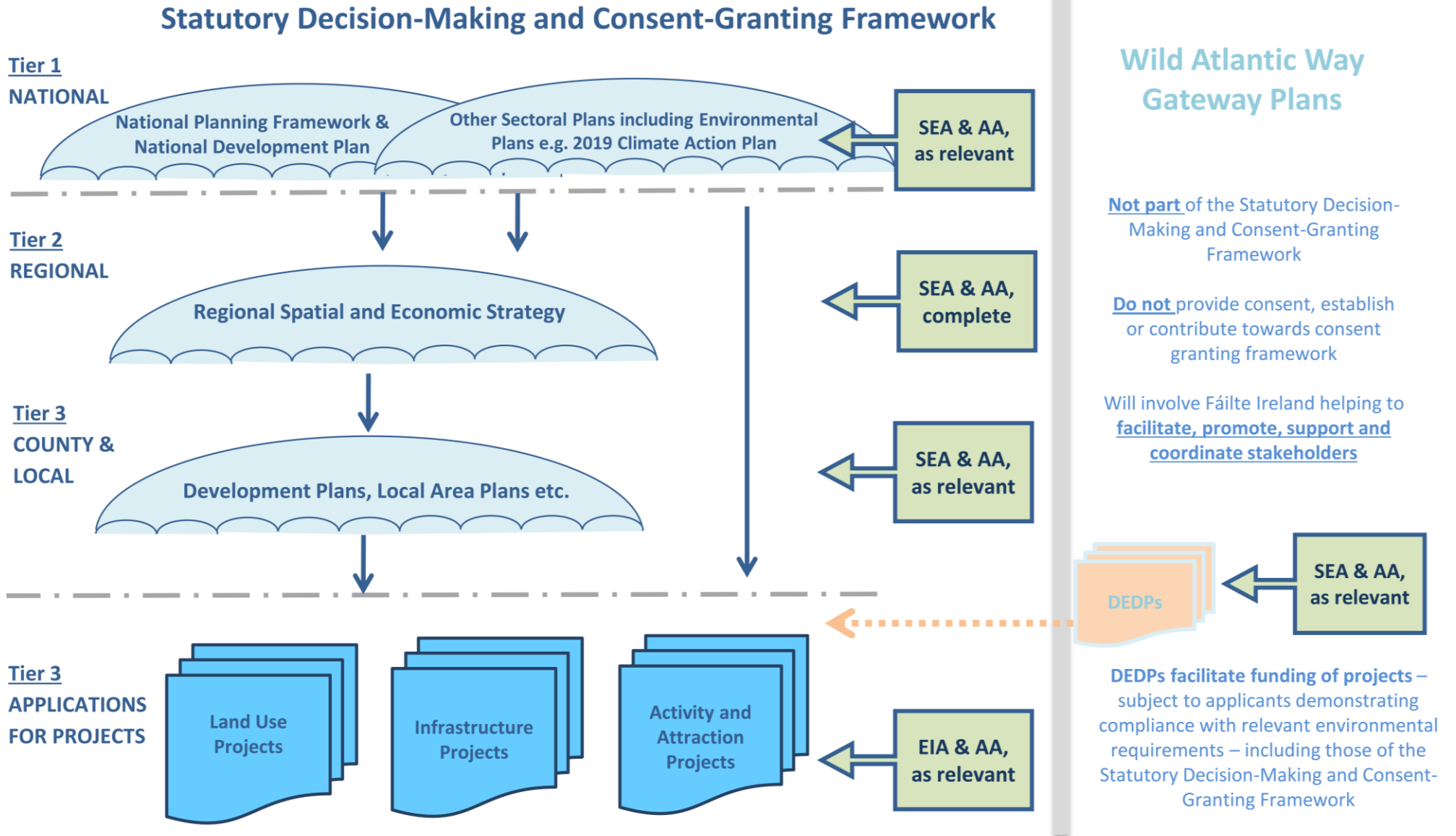


Figure 9.1 Statutory Decision-Making and Consent-Granting Framework, Killarney DEDP and Environmental Assessment Requirements

9.3 Integrating Requirements for Environmental Protection and Management into the Plan¹⁰¹

The SEA and AA team worked with the Plan-preparation team at Fáilte Ireland in order to integrate requirements for environmental protection and management into the Plan.

Fáilte Ireland provides funding for sustainable tourism projects that emerge as part of specific, competitive, themed and time-bound grant schemes or as part of wider strategic partnerships. These include projects relating to land use, infrastructural development and land use activities and attractions. Reference made to such projects included in the Plan does not guarantee funding. While funding is provided to certain projects, Fáilte Ireland is not the developer.

In order to achieve funding (including promotion) for land use or infrastructural development or land use activities from Fáilte Ireland, Fáilte Ireland's stakeholders shall be required to demonstrate compliance¹⁰² with measures relating to sustainable development, environmental protection and environmental management contained within the following Fáilte Ireland published documents:

- Wild Atlantic Way Operational Programme Appendix 5 "*Site Maintenance Guidelines*" and other relevant measures from the Fáilte Ireland visitor and habitat management guidelines series (and any subsequent replacements); and
- Wild Atlantic Way Operational Programme Appendix 6 "*Environmental Management for Local Authorities and Others*" (and any subsequent replacements).

In order to be realised, projects included in the Killarney Destination Experience Development Plan (in a similar way to other projects from any other sector) will have to comply, as relevant, with various legislation, policies, plans and programmes (including requirements for lower-tier Appropriate Assessment, Environmental Impact Assessment and other licencing requirements as appropriate) that form the statutory decision-making and consent-granting framework, of which the Killarney Destination Experience Development Plan is not part and does not contribute towards. Such legislation, policies, plans and programmes include:

- Requirements for lower-tier environmental assessment, including EIA and AA;
- Statutory land use plans that form part of the statutory decision-making and consent-granting framework (e.g. Development Plans, such as the existing Kerry County Development Plan 2015-2021 and the emerging Kerry County Development Plan 2022-2028 and Killarney Municipal District Local Area Plan 2018-2024) and that have undergone environmental assessment, as appropriate, including various provisions relating to sustainable development, environmental protection and environmental management¹⁰³; and
- The Climate Action Plan 2021 and the National Climate Change Adaptation Framework (2018 and any subsequent versions)¹⁰⁴.

Infrastructure Capacity¹⁰⁵

With respect to infrastructural capacity (including drinking water, wastewater, waste and transport) the potential impact on existing infrastructure as well as the potential environmental effects of a likely increase in tourism-related traffic volumes along any routes resulting from the relevant initiative shall be considered and mitigated as appropriate, where relevant. The promotion of developing visitor friendly infrastructure where it is required will also be encouraged.

Visitor Management¹⁰⁶

Those receiving funding shall seek to manage any increase in visitor numbers and/or any change in visitor behaviour in order to avoid significant effects including loss of habitat and disturbance, including

¹⁰¹ These requirements include those that have arisen through the SEA and/or AA processes.

¹⁰² Demonstration of compliance may be supported by monitoring undertaken by the beneficiary.

¹⁰³ For more information please refer to Appendix II of this report or the website of the relevant public authority.

¹⁰⁴ For more information please refer to Section 4.10 and/or Appendix II of this report or the website of the relevant public authority.

¹⁰⁵ This requirement has arisen through the SEA and/or AA processes.

¹⁰⁶ This requirement has arisen through the SEA and/or AA processes.

ensuring that new projects are a suitable distance from ecological sensitivities. This will include the preparation of Visitor Management Plans, including for Catalyst Projects, where relevant.

Extensive research by Fáilte Ireland has shown improved environmental outcomes (including improved attainment of conservation objectives) in areas with visitor management strategies. Where available, this research will continue to be used as part of a feedback loop to inform ongoing review of Fáilte Ireland activities, including within the Killarney DEDP area.

Visitor management strategies will be required for proposed plans, programmes and projects that are to receive funding as relevant and appropriate.

Green Infrastructure and Ecosystem Services¹⁰⁷

Those receiving funding shall contribute towards the maintenance of existing green infrastructure and its ecosystem services, taking into account the output of the Mapping and Assessment of Ecosystem Services project being undertaken by the NPWS. Proposals for the development of any green infrastructure should demonstrate the synergies that can be achieved with regard to the: provision of open space amenities; sustainable management of water; protection and management of biodiversity; protection of cultural heritage; and protection of protected landscape sensitivities.

Climate Change

Various provisions relating to climate change have been integrated into the Plan, compliance with which will need to be demonstrated by those seeking or maintaining funding from Fáilte Ireland. Such measures include those relating to:

- Walking and cycling; and
- Contribution towards European and national objectives for climate adaptation and mitigation, taking into account a wide range of detailed measures including those relating to resilience.

These measures have been integrated into the Plan under **FI Strategic Pillar 'Reducing Carbon Footprint'**, including:

- **Action 5.11 Sustainable Tourism Destination**
Develop an industry and community wide approach to sustainable tourism that supports Killarney's ambition to be a world leading responsible tourism destination.
- **Action 5.13 Active Travel**
Develop high quality walking and cycling facilities in Killarney as part of the Active Travel funding which will encourage more people to switch to active travel and will contribute to tackling climate change. Connecting communities and making walking and cycling attractive, safe and accessible to everyone is what this funding will help to accomplish.

¹⁰⁷ This requirement has arisen through the SEA and/or AA processes.

Section 10 Monitoring Measures

10.1 Introduction

The SEA Directive requires that the significant environmental effects of the implementation of plans and programmes are monitored. This section details the measures that have been selected in order to monitor the likely significant effects of implementing relevant Fáilte Ireland Plans, Programmes, etc.

The monitoring programme is flexible to take account of specific environmental issues and unforeseen adverse impacts should they arise. It monitors all potential effects, including positive and negative ones (including cumulative effects – refer also to 7.3). Monitoring can demonstrate the positive effects facilitated by the Plan and can enable, at an early stage, the identification of unforeseen adverse effects and the undertaking of appropriate remedial action.

The occurrence of persistent significant adverse environmental effects which are directly attributable to tourism would necessitate consideration of the effects in the context of the Plan and a possible review of part(s) of the Plan.

10.2 Indicators and Targets

Monitoring is based around indicators that allow quantitative measures of trends and progress over time relating to the Strategic Environmental Objectives identified in Section 5 and used in the evaluation. Each indicator to be monitored is accompanied by the target(s) that were identified with regard to the relevant strategic actions.

Table 10.1 overleaf shows the current indicators and targets that have been selected for monitoring the likely significant environmental effects of implementing relevant Fáilte Ireland Plans, Programmes, etc. These monitoring measures are updated on an ongoing basis.

Monitoring is an ongoing process and the programme allows for flexibility and further refinement of indicators and targets.

10.3 Sources

Confirmation of compliance with relevant environmental measures (see Section 9) will be a source of information for the Monitoring Programme. This documentation may include monitoring undertaken by beneficiaries to demonstrate compliance with the environmental requirements.

Other existing monitoring sources will be used, including:

- Information gathered through existing Fáilte Ireland environmental monitoring programmes (and any subsequent replacements), including the Monitoring Programme for the Wild Atlantic Way, a sub-programme of which will be extended to/reported on for Killarney Destination Experience Development Plan area in order to monitor any effects of visitors (see Section 4.6.3);
- Sources maintained by Kerry County Council (such as those arising from the SEA of land use plans) and the relevant authorities e.g. the Environmental Protection Agency, the National Parks and Wildlife Service and the Central Statistics Office; and
- Lower-tier environmental assessment and decision making – including a review of project approvals granted and associated documents – will also be utilised as part of the Monitoring Programme.

10.4 Reporting and Responsibility

Reporting on environmental monitoring will address the indicators set out below. Fáilte Ireland is responsible for the ongoing review of indicators and targets, collating existing relevant monitored data, the preparation of monitoring evaluation report(s), the publication of these reports and, if necessary, the carrying out of corrective action, in combination with the relevant authorities.

Environmental monitoring for the Plan and other existing/future Fáilte Ireland plans, programmes, etc. may be undertaken and reported on at the same time. The findings of monitoring will be reported on periodically with frequencies to be determined during implementation.

Table 10.1 Selected Indicators, Targets and Monitoring Sources

Environmental Component	Indicators	Targets	Source and (where available) Frequency
Biodiversity, Flora and Fauna	B1: Conservation status of habitats and species as assessed under Article 17 of the Habitats Directive	B1: Maintenance of favourable conservation status for all habitats and species protected under National and International legislation to be unaffected by implementation of the Plan ¹⁰⁸	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Government report of the implementation of the measures contained in the Habitats Directive - as required by Article 17 of the Directive (every 6 years) Government National Monitoring Report for the Birds Directive under Article 12 (every 3 years) Consultations with the NPWS CORINE mapping resurvey (every c. 5 years) Input from any other existing or replacement Fáilte Ireland monitoring programmes
	B2: Percentage loss of functional connectivity without remediation resulting from the Plan	B2: No significant ecological networks or parts thereof which provide functional connectivity to be lost without remediation resulting from the Plan	
	B3i: Number of significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites resulting from the Plan B3ii: Number of significant impacts on the protection of listed species	B3i: Avoid significant impacts on relevant habitats, species, environmental features or other sustaining resources in designated sites including Wildlife Sites resulting from the Plan B3ii: No significant impacts on the protection of listed species resulting from the Plan	
Population and Human Health	PHH1: Occurrence (any) of a spatially concentrated deterioration in human health arising from environmental factors resulting from the Plan, as identified by the Health Service Executive and Environmental Protection Agency	PHH1: No spatial concentrations of health problems arising from environmental factors as a result the Plan	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Consultations with the HSE and EPA Input from any other existing or replacement Fáilte Ireland monitoring programmes
Soil	S1: Artificial surfaces land cover extent	S1: Contribute towards the target of the National Planning Framework's SEA (2018) to "Maintain built surface cover nationally to below the EU average of 4%."	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) CORINE mapping resurvey (every c. 5 years) Input from any other existing or replacement Fáilte Ireland monitoring programmes
Water	W1i: Classification of Overall Status (comprised of ecological and chemical status) under the European Communities Environmental Objectives (Surface Waters) Regulations 2009 (S.I. No. 272 of 2009)	W1i: No deterioration in the status of any surface water or adverse effect upon the ability of any surface water to achieve 'good status' as a result of the Plan	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities Data issued under the Water Framework Directive Monitoring Programme for Ireland (multi-annual) SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Input from any other existing or replacement Fáilte Ireland monitoring programmes
	W2: Interactions with Groundwater Quality Standards and Threshold Values under Directive 2006/118/EC resulting from development adhering to the Plan	W2: Not to affect the ability of groundwaters to comply with Groundwater Quality Standards and Threshold Values under Directive 2006/118/EC, subject to exemptions provided for by Article 4 of the WFD	
	W3: Compliance of relevant lower tier assessments and decision making with the Flood Risk Management Guidelines	W3: For lower tier assessments and decision making to comply with the Flood Risk Management Guidelines	

¹⁰⁸ Except as provided for in Article 6(4) of the Habitats Directive, viz. There must be: (a) No alternative solution available; (b) Imperative reasons of overriding public interest for the programme to proceed; and (c) Adequate compensatory measures in place.

SEA Environmental Report for the Draft Killarney Destination Experience Development Plan

Environmental Component	Indicators	Targets	Source and (where available) Frequency
Air and Climatic Factors	AC1: Demonstration of compliance with provisions relating to climate adaptation and mitigation have been integrated into the Plan	C1: To maximise the amount of measures relating to climate adaptation and mitigation being implemented	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Input from any other existing or replacement Fáilte Ireland monitoring programmes
Material Assets	M1: Number of instances whereby additional tourists are directed by beneficiaries of funding towards areas in the Plan area where adequate and appropriate critical infrastructure with sufficient capacity is unavailable	M1: No instances whereby additional tourists are directed by beneficiaries of funding towards areas in the Plan area where adequate and appropriate critical infrastructure with sufficient capacity that does not present a danger to human health are unavailable	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Consultations with the partners such as the EPA, Irish Water and/or Kerry County Council Input from any other existing or replacement Fáilte Ireland monitoring programmes
	M2: Number of significant adverse effects on the use of or access to public assets and infrastructure	M2: No significant adverse effects on the use of or access to public assets and infrastructure	
	M3: Preparation and implementation of construction and environmental management plans	M3: For construction and environmental management plans to be prepared and implemented for relevant projects	
Cultural Heritage	CH1: Percentage of entries to the Record of Monuments and Places protected from significant adverse effects arising from the Plan	CH1: No unauthorised adverse effects on archaeological heritage resulting from implementation of the Plan	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Input from any other existing or replacement Fáilte Ireland monitoring programmes
	CH2: Percentage of entries to the Records of Protected Structures and Architectural Conservation Areas and their context protected from significant adverse effects arising from the Plan	CH2: No unauthorised adverse effects on architectural heritage resulting from implementation of the Plan	
Landscape	L1: Number of unmitigated conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans	L1: No unmitigated conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in the Development Plans and other statutory land-use plans	<ul style="list-style-type: none"> Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" – see Section 9 Lower tier environmental assessment and decision making by local authorities SEA Monitoring Programme reports for the land use plans of relevant local authorities (as required, monitoring reports published on various timescales and frequencies) Input from any other existing or replacement Fáilte Ireland monitoring programmes

Appendix I SEA Determination

SEA Determination

Strategic Environmental Assessment (SEA) Screening Determination

for the:

Draft Killarney Destination Experience Development Plan

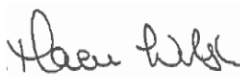
Article 3 para. 2 of the SEA Directive¹, introduced the requirement that SEA be carried out on plans and programmes, or modifications to these:

- a) which are prepared for agriculture, forestry, fisheries, energy, industry, transport, waste management, water management, telecommunications, tourism, town and country planning or land use and which set the framework for future development consent of projects listed in Annexes I and II to the EIA Directive², or
- b) which, in view of the likely effect on sites, have been determined to require an assessment pursuant to Article 6 or 7 of the Habitats Directive³ i.e. the Directive requires that SEA is undertaken where Stage 2 Appropriate Assessment (AA)⁴ is being undertaken on plans, programmes etc.

This tourism sector Plan does not contribute towards the framework for future development consent of projects listed in Annexes I and II to the EIA Directive and does not contain provisions or define rules that must be complied with when administrative consent of other projects is being granted.

The Plan does, however, fall under the definition of a "plan" contained within the Birds and Natural Habitats Regulations 2011 (as amended) and therefore must be screened for the need to undertake AA. The Screening for AA has found that the Plan has the potential, if unmitigated, to affect the ecological integrity European Sites and that measures to ensure that potential effects are avoided are required. Taking into account the requirements of the Habitats Directive and recent case law (including, European Court of Justice Judgement C323-17), Stage 2 AA must therefore be carried out for the Plan. As Stage 2 AA is being undertaken on the Plan, SEA must also be undertaken for this Plan - see requirement at b) above.

This determination has been made having regard to the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 (Statutory Instrument Number (S.I. No. 435 of 2004), as amended by the European Communities (Environmental Assessment of Certain Plans and Programmes) (Amendment) Regulations 2011 (S.I. No. 200 of 2011).

Signatory: 

Date: 27.10.21

¹ Directive 2001/42/EC of the European Parliament and of the Council of Ministers, of 27th June 2001, on the Assessment of the Effects of Certain Plans and Programmes on the Environment

² Directive 2011/92/EU of the European Parliament and of the Council of 13 December 2011, on the assessment of the effects of certain public and private projects on the environment (codification), as amended by Directive 2014/52/EU

³ Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora

⁴ AA is provided for by the Habitats Directive and is a focused and detailed impact assessment of the implications of a strategic action or project, alone and in combination with other strategic actions and projects, on the integrity of a European Site in view of its conservation objectives.

Appendix II Relationship with Legislation and Other Plans and Programmes

Legislation, Plan, etc.	Summary of high level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
European Level			
SEA Directive (2001/42/EC)	<ul style="list-style-type: none"> Contribute to the integration of environmental considerations into the preparation and adoption of plans and programmes with a view to promoting sustainable development. Provide for a high level of protection of the environment by carrying out an environmental assessment of plans and programmes which are likely to have significant effects on the environment. 	<ul style="list-style-type: none"> Carry out an environmental assessment for plans or programmes referred to in Articles 2 to 4 of the Directive. Prepare an environmental report which identifies, describes and evaluates the likely significant effects on the environment of implementing the plan or programme and reasonable alternatives that consider the objectives and the geographical scope of the plan or programme. Consult with relevant authorities, stakeholders and public allowing sufficient time to make a submission. Consult other Member States where the implementation of a plan or programme is likely to have transboundary environmental effects. Inform relevant authorities and stakeholders on the decision to implement the plan or programme. Issue a statement to include requirements detailed in Article 9 of the Directive. Monitor and mitigate significant environmental effects identified by the assessment. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
EIA Directive (2011/92/EU as amended by 2014/52/EU)	<ul style="list-style-type: none"> Requires the assessment of the environmental effects of public and private projects which are likely to have significant effects on the environment. Aims to assess and implement avoidance or mitigation measures to eliminate environmental effects, before consent is given of projects likely to have significant effects on the environment by virtue, inter alia, of their nature, size or location are made subject to a requirement for development consent and an assessment with regard to their effects. Those projects are defined in Article 4. 	<ul style="list-style-type: none"> All projects listed in Annex I are considered as having significant effects on the environment and require an EIA. For projects listed in Annex II, a "screening procedure" is required to determine the effects of projects on the basis of thresholds/criteria or a case-by-case examination. This should take into account Annex III. The environmental impact assessment shall identify, describe and assess in an appropriate manner, in the light of each individual case and in accordance with Articles 4 to 12, the direct and indirect effects of a project on the following factors: human beings, fauna and flora, soil, water, air, climate and the landscape, material assets and the cultural heritage, the interaction between each factor. Consult with relevant authorities, stakeholders and public allowing sufficient time to make a submission before a decision is made. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Habitats Directive (92/43/EEC)	<ul style="list-style-type: none"> Promote the preservation, protection and improvement of the quality of the environment, including the conservation of natural habitats and of wild fauna and flora. Contribute towards ensuring biodiversity through the conservation of natural habitats and of wild fauna and flora. Maintain or restore to favourable conservation status, natural habitats and species of wild fauna and flora of community interest. Promote the maintenance of biodiversity, taking account of economic, social, cultural and regional requirements. 	<ul style="list-style-type: none"> Propose and protect sites of importance to habitats, plant and animal species. Establish a network of European sites hosting the natural habitat types listed in Annex I and habitats of the species listed in Annex II, to enable the natural habitat types and the species' habitats concerned to be maintained or, where appropriate, restored at a favourable conservation status in their natural range. Carry out comprehensive assessment of habitat types and species present. Establish a system of strict protection for the animal species and plant species listed in Annex IV. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Birds Directive (2009/147/EC)	<ul style="list-style-type: none"> Conserve all species of naturally occurring birds in the wild state including their eggs, nests and habitats. Protect, manage and control these species and comply with regulations relating to their exploitation. The species included in Annex I shall be the subject of special conservation measures concerning their habitat in order to ensure their survival and reproduction in their area of distribution. 	<ul style="list-style-type: none"> Preserve, maintain or re-establish a sufficient diversity and area of habitats for all the species of birds referred to in Annex 1. Preserve, maintain and establish biotopes and habitats to include the creation of protected areas (Special Protection Areas). Ensure the upkeep and management in accordance with the ecological needs of habitats inside and outside the protected zones, re-establish destroyed biotopes and creation of biotopes. Measures for regularly occurring migratory species not listed in Annex I is required as regards their breeding, moulting and wintering areas and staging posts along their migration routes. The protection of wetlands and particularly wetlands of international importance. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
EU Nitrates Directive (91/676/EC)	<ul style="list-style-type: none"> Reducing water pollution caused or induced by nitrates from agricultural sources and - preventing further such pollution. 	<p>Ireland's Nitrates Action Programme is designed to prevent pollution of surface waters and ground water from agricultural sources and to protect and improve water quality. Ireland's third NAP came into operation in 2014. Each Member State's NAP must include:</p> <ul style="list-style-type: none"> a limit on the amount of livestock manure applied to the land each year set periods when land spreading is prohibited due to risk set capacity levels for the storage of livestock manure 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and

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EU Integrated Pollution Prevention Control Directive (2008/1/EC)	<ul style="list-style-type: none"> The purpose of this Directive is to achieve integrated prevention and control of pollution arising from the activities listed in Annex I. It lays down measures designed to prevent or, where that is not practicable, to reduce emissions in the air, water and land from the abovementioned activities, including measures concerning waste, in order to achieve a high level of protection of the environment taken as a whole, without prejudice to Directive 85/337/EEC and other relevant Community provisions. 	<p>The IPPC Directive is based on several principles:</p> <ul style="list-style-type: none"> an integrated approach best available techniques, flexibility; and public participation 	<p>their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p> <p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
EU Plant Protection (products) Directive 2009/127/EC	<ul style="list-style-type: none"> The Directive aims at reducing the risks and impacts of pesticide use on human health and the environment by introducing different targets, tools and measures such as Integrated Pest Management (IPM) or National Action Plans (NAPs). 	<ul style="list-style-type: none"> The Framework Directive applies to pesticides which are plant protection products. Regarding pesticide application equipment already in professional use, the Framework Directive introduces requirements for the inspection and maintenance to be carried out on such equipment. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
EU Renewables Directive (2009/28/EC)	<ul style="list-style-type: none"> The Renewable Energy Directive establishes an overall policy for the production and promotion of energy from renewable sources in the EU. It requires the EU to fulfil at least 20% of its total energy needs with renewables by 2020 – to be achieved through the attainment of individual national targets. All EU countries must also ensure that at least 10% of their transport fuels come from renewable sources by 2020. 	<ul style="list-style-type: none"> The Directive promotes cooperation amongst EU countries (and with countries outside the EU) to help them meet their renewable energy targets. The Directive specifies national renewable energy targets for each country, taking into account its starting point and overall potential for renewables. EU countries set out how they plan to meet these targets and the general course of their renewable energy policy in national renewable energy action plans. Progress towards national targets is measured every two years when EU countries publish national renewable energy progress reports. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Indirect Land Use Change Directive (2012/0288(COD))	<ul style="list-style-type: none"> Article 3(4) of Directive 2009/28/EC of the European Parliament and of the Council (3) requires Member States to ensure that the share of energy from renewable energy sources in all forms of transport in 2020 is at least 10 % of their final energy consumption. The blending of biofuels is one of the methods available for Member States to meet this target, and is expected to be the main contributor. Other methods available to meet the target are the reduction of energy consumption, which is imperative because a mandatory percentage target for energy from renewable sources is likely to become increasingly difficult to achieve sustainably if overall demand for energy for transport continues to rise, and the use of electricity from renewable energy sources. 	<ul style="list-style-type: none"> Limit the contribution that conventional biofuels (with a risk of ILUC emissions) make towards attainment of the targets in the Renewable Energy Directive; Improve the greenhouse gas performance of biofuel production processes (reducing associated emissions) by raising the greenhouse gas saving threshold for new installations subject to protecting installations already in operation on 1st July 2014; Encourage a greater market penetration of advanced (low-ILUC) biofuels by allowing such fuels to contribute more to the targets in the Renewable Energy Directive than conventional biofuels; Improve the reporting of greenhouse gas emissions by obliging Member States and fuel suppliers to report the estimated indirect land-use change emissions of biofuels. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Alternative Fuels Infrastructure Directive (2014/94/EU)	<ul style="list-style-type: none"> This Directive establishes a common framework of measures for the deployment of alternative fuels infrastructure in the Union in order to minimise dependence on oil and to mitigate the environmental impact of transport. 	<ul style="list-style-type: none"> This Directive sets out minimum requirements for the building-up of alternative fuels infrastructure, including recharging points for electric vehicles and refuelling points for natural gas (LNG and CNG) and hydrogen, to be implemented by means of Member States' national policy frameworks, as well as common technical specifications for such recharging and refuelling points, and user information requirements. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
EU Energy Efficiency Directive (2012/27/EU)	<ul style="list-style-type: none"> Establishes a set of binding measures to help the EU reach its 20% energy efficiency target by 2020. Under the Directive, all EU countries are required to use energy more efficiently at all stages of the energy chain, from production to final consumption. 	<ul style="list-style-type: none"> Energy distributors or retail energy sales companies have to achieve 1.5% energy savings per year through the implementation of energy efficiency measures EU countries can opt to achieve the same level of savings through other means, such as improving the efficiency of heating systems, installing double glazed windows or insulating roofs The public sector in EU countries should purchase energy efficient buildings, products and services 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards</p>

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		<ul style="list-style-type: none"> • Every year, governments in EU countries must carry out energy efficient renovations on at least 3% (by floor area) of the buildings they own and occupy • Energy consumers should be empowered to better manage consumption. This includes easy and free access to data on consumption through individual metering • National incentives for SMEs to undergo energy audits • Large companies will make audits of their energy consumption to help them identify ways to reduce it • Monitoring efficiency levels in new energy generation capacities. 	<p>– in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>EU Seveso Directive (2012/18/EU)</p>	<ul style="list-style-type: none"> • This Directive lays down rules for the prevention of major accidents which involve dangerous substances, and the limitation of their consequences for human health and the environment, with a view to ensuring a high level of protection throughout the Union in a consistent and effective manner. 	<p>The Seveso Directive is well integrated with other EU policies, thus avoiding double regulation or other administrative burden. This includes the following related policy areas:</p> <ul style="list-style-type: none"> • Classification, labelling and packaging of chemicals; • The Union's Civil Protection Mechanism; • The Security Union Agenda including CBRN-E and Protection of critical infrastructure; • Policy on environmental liability and on the protection of the environment through criminal law; • Safety of offshore oil and gas operations. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>European Union Biodiversity Strategy to 2020</p>	<ul style="list-style-type: none"> • Aims to halt or reverse biodiversity loss and speed up the EU's transition towards a resource efficient and green economy. • Halting the loss of biodiversity and the degradation of ecosystem services in the EU by 2020, and restoring them in so far as feasible. 	<ul style="list-style-type: none"> • Outlines six targets and twenty actions to aid European Union in halting the loss to biodiversity and eco-system services. • The six targets cover: <ul style="list-style-type: none"> ○ Full implementation of EU nature legislation to protect biodiversity ○ Maintaining, enhancing and protecting for ecosystems, and green infrastructure ○ Ensuring sustainable agriculture, and forestry ○ Sustainable management of fish stocks ○ Reducing invasive alien species ○ Addressing the global need to contribute towards averting global biodiversity loss 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>EU Green Infrastructure Strategy</p>	<p>Aims to create a robust enabling framework in order to promote and facilitate Green Infrastructure (GI) projects.</p>	<ul style="list-style-type: none"> • Promoting GI in the main EU policy areas. • Supporting EU-level GI projects. • Improving access to finance for GI projects. • Improving information and promoting innovation. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>UN Kyoto Protocol (2nd Kyoto Period), the Second European Climate Change Programme (ECCP II), Paris climate conference (COP21) 2015 (Paris Agreement)</p>	<p>The UN Kyoto Protocol set of policy measures to reduce greenhouse gas emissions.</p> <p>The Second European Climate Change Programme (ECCP II) aims to identify and develop all the necessary elements of an EU strategy to implement the Kyoto Protocol.</p> <p>At the Paris climate conference (COP21) in December 2015, 195 countries adopted the first-ever universal, legally binding global climate deal. The agreement sets out a global action plan to put the world on track to avoid dangerous climate change by limiting global warming to well below 2°C.</p>	<ul style="list-style-type: none"> • The Kyoto Protocol is implemented through the European Climate Change Programme (ECCP II). • EU member states implement measures to improve on or compliment the specified measures and policies arising from the ECCP. • Under COP21, governments agreed to come together every 5 years to set more ambitious targets as required by science; report to each other and the public on how well they are doing to implement their targets; track progress towards the long-term goal through a robust transparency and accountability system. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>EU 2020 Climate and Energy Package</p>	<ul style="list-style-type: none"> • Binding legislation which aims to ensure the European Union meets its climate and energy targets for 2020. • Aims to achieve a 20% reduction in EU greenhouse gas emissions from 1990 levels. • Aims to raise the share of EU energy consumption produced from renewable resources to 20%. • Achieve a 20% improvement in the EU's energy efficiency. 	<p>Four pieces of complementary legislation:</p> <ul style="list-style-type: none"> • Reform of the EU Emissions Trading System (EU ETS) to include a cap on emission allowances in addition to existing system of national caps. • Member States have agreed national targets for non-EU ETS emissions from countries outside the EU. • Meet the national renewable energy targets of 16% for Ireland by 2020. • Preparing a legal framework for technologies in carbon capture and storage. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>

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EU 2030 Framework for Climate and Energy	<ul style="list-style-type: none"> A 2030 Framework for climate and energy, including EU-wide targets and policy objectives for the period between 2020 and 2030 that has been agreed by European countries. Targets include a 40% cut in greenhouse gas emissions compared to 1990 levels, at least a 27% share of renewable energy consumption and at least 27% energy savings compared with the business-as-usual scenario. 	<p>To meet the targets, the European Commission has proposed the following policies for 2030:</p> <ul style="list-style-type: none"> A reformed EU emissions trading scheme (ETS). New indicators for the competitiveness and security of the energy system, such as price differences with major trading partners, diversification of supply, and interconnection capacity between EU countries. First ideas for a new governance system based on national plans for competitive, secure, and sustainable energy. These plans will follow a common EU approach. They will ensure stronger investor certainty, greater transparency, enhanced policy coherence and improved coordination across the EU. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>The Clean Air for Europe Directive (2008/50/EC) (EU Air Framework Directive)</p> <p>Fourth Daughter Directive (2004/107/EC)</p>	<ul style="list-style-type: none"> The CAFE Directive merges existing legislation into a single directive (except for the fourth daughter directive). Sets new air quality objectives for PM_{2.5} (fine particles) including the limit value and exposure related objectives. Accounts for the possibility to discount natural sources of pollution when assessing compliance against limit values. Allows the possibility for time extensions of three years (PM₁₀) or up to five years (NO₂, benzene) for complying with limit values, based on conditions and the assessment by the European Commission. The Fourth Daughter Directive lists pollutants, target values and monitoring requirements for the following: arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons in ambient air. 	<ul style="list-style-type: none"> Sets objectives for ambient air quality designed to avoid, prevent or reduce harmful effects on human health and the environment as a whole. Aims to assess the ambient air quality in Member States on the basis of common methods and criteria. Obtains information on ambient air quality in order to help combat air pollution and nuisance and to monitor long-term trends and improvements resulting from national and community measures. Ensures that such information on ambient air quality is made available to the public. Aims to maintain air quality where it is good and improving it in other cases. Aims to promote increased cooperation between the Member States in reducing air pollution. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Noise Directive (2002/49/EC)	<p>The Noise Directive - Directive 2002/49/EC relating to the assessment and management of environmental noise - is part of an EU strategy setting out to reduce the number of people affected by noise in the longer term and to provide a framework for developing existing Community policy on noise reduction from source.</p>	<p>The Directive requires competent authorities in Member States to:</p> <ul style="list-style-type: none"> Draw up strategic noise maps for major roads, railways, airports and agglomerations, using harmonised noise indicators and use these maps to assess the number of people which may be impacted upon as a result of excessive noise levels; Draw up action plans to reduce noise where necessary and maintain environmental noise quality where it is good; and Inform and consult the public about noise exposure, its effects, and the measures considered to address noise. <p>The Directive does not set any limit value, nor does it prescribe the measures to be used in the action plans, which remain at the discretion of the competent authorities.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Floods Directive (2007/60/EC)	<ul style="list-style-type: none"> Establishes a framework for the assessment and management of flood risks Reduce adverse consequences for human health, the environment, cultural heritage and economic activity associated with floods in the Community 	<ul style="list-style-type: none"> Assess all water courses and coast lines at risk from flooding through Flood Risk Assessment Prepare flood hazard maps and flood risk maps outlining the extent or potential of flooding and assets and humans at risk in these areas at River Basin District level (Article 3(2) (b)) and areas covered by Article 5(1) and Article 13(1) (b) in accordance with paragraphs 2 and 3. Implement flood risk management plans and take adequate and coordinated measures to reduce flood risk for the areas covered by the Articles listed above. Inform the public and allow the public to participate in planning process. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Water Framework Directive (2000/60/EC)	<ul style="list-style-type: none"> Establish a framework for the protection of water bodies to include inland surface waters, transitional waters, coastal waters and groundwater and their dependent wildlife and habitats. Preserve and prevent the deterioration of water status and where necessary improve and maintain “good status” of water bodies. Promote sustainable water usage. The Water Framework Directive repealed the following Directives: <ul style="list-style-type: none"> The Drinking Water Abstraction Directive Sampling Drinking Water Directive Exchange of Information on Quality of Surface Freshwater Directive Shellfish Directive Freshwater Fish Directive Groundwater (Dangerous Substances) Directive Dangerous Substances Directive 	<ul style="list-style-type: none"> Protect, enhance and restore all water bodies and meet the environmental objectives outlined in Article 4 of the Directive. Achieve “good status” for all waters. Manage water bodies based on identifying and establishing river basins districts. Involve the public and streamline legislation. Prepare and implement a River Basin Management Plan for each river basin districts identified and a Register of Protected Areas. Establish a programme of monitoring for surface water status, groundwater status and protected areas. Recover costs for water services. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Groundwater Directive (2006/118/EC)	<ul style="list-style-type: none"> Protect, control and conserve groundwater. Prevent the deterioration of the status of all bodies of groundwater. Implements measures to prevent and control groundwater pollution, including criteria for assessing good groundwater chemical status and 	<ul style="list-style-type: none"> Meet minimum groundwater standards listed in Annex 1 of Directive. Meet threshold values adopted by national legislation for the pollutants, groups of pollutants and indicators of pollution which have been identified as 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see</p>

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	<p>criteria for the identification of significant and sustained upward trends and for the definition of starting points for trend reversals.</p>	<p>contributing to the characterisation of bodies or groups of bodies of groundwater as being at risk, also taking into account Part B of Annex II.</p>	<p>Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Drinking Water Directive (98/83/EC)</p>	<ul style="list-style-type: none"> • Improve and maintain the quality of water intended for human consumption. • Protect human health from the adverse effects of any contamination of water intended for human consumption by ensuring that it is wholesome and clean. 	<ul style="list-style-type: none"> • Set values applicable to water intended for human consumption for the parameters set out in Annex I. • Set values for additional parameters not included in Annex I, where the protection of human health within national territory or part of it so requires. The values set should, as a minimum, satisfy the requirements of Article 4(1) (a). • Implement all measures necessary to ensure that regular monitoring of the quality of water intended for human consumption is carried out, in order to check that the water available to consumers meets the requirements of this Directive and in particular the parametric values set in accordance with Article 5. • Ensure that any failure to meet the parametric values set in accordance with Article 5 is immediately investigated in order to identify the cause. • Ensure that the necessary remedial action is taken as soon as possible to restore its quality and shall give priority to their enforcement action. • Undertake remedial action to restore the quality of the water where necessary to protect human health. • Notify consumers when remedial action is being undertaken except where the competent authorities consider the non-compliance with the parametric value to be trivial. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Urban Wastewater Treatment Directive (91/271/EEC)</p>	<ul style="list-style-type: none"> • This Directive concerns the collection, treatment and discharge of urban wastewater and the treatment and discharge of wastewater from certain industrial sectors. • The objective of the Directive is to protect the environment from the adverse effects of wastewater discharges. 	<ul style="list-style-type: none"> • Urban wastewater entering collecting systems shall before discharge, be subject to secondary treatment. • Annex II requires the designation of areas sensitive to eutrophication which receive water discharges. • Establishes minimum requirements for urban wastewater collection and treatment systems in specified agglomerations to include special requirements for sensitive areas and certain industrial sectors. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Environmental Liability Directive (2004/35/EC) as amended by Directive 2006/21/EC, Directive 2009/31/EC and Directive 2013/30/EU</p>	<ul style="list-style-type: none"> • Establish a framework of environmental liability based on the 'polluter-pays' principle, to prevent and remedy environmental damage. 	<ul style="list-style-type: none"> • Relates to environmental damage caused by any of the occupational activities listed in Annex III, and to any imminent threat of such damage occurring by reason of any of those activities; damage to protected species and natural habitats caused by any occupational activities other than those listed in Annex III, and to any imminent threat of such damage occurring by reason of any of those activities, whenever the operator has been at fault or negligent. • Where environmental damage has not yet occurred but there is an imminent threat of such damage occurring, the operator shall, without delay, take the necessary preventive measures. • Where environmental damage has occurred the operator shall, without delay, inform the competent authority of all relevant aspects of the situation and take all practicable steps to immediately control, contain, remove or otherwise manage the relevant contaminants and/or any other damage factors in order to limit or to prevent further environmental damage and adverse effects on human health or further impairment of services and the necessary remedial measures, in accordance with Article 7. • The operator shall bear the costs for the preventive and remedial actions taken pursuant to this Directive. • The competent authority shall be entitled to initiate cost recovery proceedings against the operator. • The operator may be required to provide financial security guarantees to ensure their responsibilities under the directive are met. • The Environmental Liability Directive has been amended through a number of Directives that are not of significant relevance to the SEA for the Guidelines. Implementation of the Environmental Liability Directive is contributed towards by a Multi-Annual Work Programme (MAWP) 'Making the Environmental Liability Directive more fit for purpose' that is updated annually to changing developments, growing knowledge and new needs. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>

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European Convention on the Protection of the Archaeological Heritage (Valletta 1992)	<ul style="list-style-type: none"> The aim of this (revised) Convention is to protect the archaeological heritage as a source of the European collective memory and as an instrument for historical and scientific study. 	<p>The Valletta Convention makes the conservation and enhancement of the archaeological heritage one of the goals of urban and regional planning policies. The Convention sets guidelines for the funding of excavation and research work and publication of research findings. It also deals with public access, in particular to archaeological sites, and educational actions to be undertaken to develop public awareness of the value of the archaeological heritage. It also constitutes an institutional framework for pan-European co-operation on the archaeological heritage, entailing a systematic exchange of experience and experts among the various States.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Convention of the Protection of the Architectural Heritage of Europe (Granada 1995)	<ul style="list-style-type: none"> The main purpose of the Convention is to reinforce and promote policies for the conservation and enhancement of Europe's heritage. It also affirms the need for European solidarity with regard to heritage conservation and is designed to foster practical co-operation among the Parties. It establishes the principles of "European co-ordination of conservation policies" including consultations regarding the thrust of the policies to be implemented. 	<ul style="list-style-type: none"> The reinforcement and promotion of policies for protecting and enhancing the heritage within the territories of the parties. The affirmation of European solidarity with regard to the protection of the heritage and the fostering of practical co-operation between states and regions. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Council of Europe Framework Convention on the Value of Cultural Heritage for Society (Faro 2005)	<ul style="list-style-type: none"> Cultural heritage is a group of resources inherited from the past which people identify, independently of ownership, as a reflection and expression of their constantly evolving values, beliefs, knowledge and traditions. It includes all aspects of the environment resulting from the interaction between people and places through time. A heritage community consists of people who value specific aspects of cultural heritage which they wish, within the framework of public action, to sustain and transmit to future generations. 	<ul style="list-style-type: none"> Recognise that rights relating to cultural heritage are inherent in the right to participate in cultural life, as defined in the Universal Declaration of Human Rights. Recognise individual and collective responsibility towards cultural heritage. Emphasise that the conservation of cultural heritage and its sustainable use have human development and quality of life as their goal. Take the necessary steps to apply the provisions of this Convention concerning the role of cultural heritage in the construction of a peaceful and democratic society. Greater synergy of competencies among all the public, institutional and private actors concerned. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
European Landscape Convention 2000	<ul style="list-style-type: none"> The developments in agriculture, forestry, industrial and mineral production techniques, together with the practices followed in town and country planning, transport, networks, tourism and recreation, and at a more general level, changes in the world economy, have in many cases accelerated the transformation of landscapes. The Convention expresses a concern to achieve sustainable development based on a balanced and harmonious relationship between social needs, economic activity and the environment. It aims to respond to the public's wish to enjoy high quality landscapes. 	<ul style="list-style-type: none"> Promote protection, management and planning of landscapes. Organise European co-operation on landscape issues. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
The Seventh Environmental Action Programme (EAP) of the European Community (2013-2020)	<p>It identifies three key objectives:</p> <ul style="list-style-type: none"> to protect, conserve and enhance the Union's natural capital to turn the Union into a resource-efficient, green, and competitive low-carbon economy to safeguard the Union's citizens from environment-related pressures and risks to health and wellbeing 	<p>Four so called "enablers" will help Europe deliver on these objectives (goals):</p> <ul style="list-style-type: none"> Better implementation of legislation. Better information by improving the knowledge base. More and wiser investment for environment and climate policy. Full integration of environmental requirements and considerations into other policies. <p>Two additional horizontal priority objectives complete the programme:</p> <ul style="list-style-type: none"> To make the Union's cities more sustainable. To help the Union address international environmental and climate challenges more effectively. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Bern Convention (Convention on the Conservation of European Wildlife and Natural Habitats)	<p>The convention has three main aims:</p> <ul style="list-style-type: none"> to conserve wild flora and fauna and their natural habitats to promote cooperation between states to give particular attention to endangered and vulnerable species including endangered and vulnerable migratory species 	<p>The Parties under the convention recognise the intrinsic value of nature, which needs to be preserved and passed to future generations, they also:</p> <ul style="list-style-type: none"> Seek to ensure the conservation of nature in their countries, paying particular attention to planning and development policies and pollution control. Look at implementing the Bern Convention in central Eastern Europe and the Caucasus. Take account of the potential impact on natural heritage by other policies. Promote education and information of the public, ensuring the need to conserve species is understood and acted upon. Develop an extensive number of species action plans, codes of conducts, and guidelines, at their own initiative or in co-operation with other organisations. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>

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Bali Road Map (2007)	<p>The overall goals of the project are twofold:</p> <ul style="list-style-type: none"> To increase national capacity to co-ordinate ministerial views, participate in the UNFCCC process, and negotiate positions within the timeframe of the Bali Action Plan; and To assess investment and financial flows to address climate change for up to three key sectors and/or economic activities. 	<p>The Bali Action Plan is centred on four main building Blocks:</p> <ul style="list-style-type: none"> mitigation adaptation technology financing 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Cancun Agreements (2010)	<p>Set of decisions taken at the COP 16 Conference in Cancun in 2010 which addresses a series of key issues in the fight against climate change. Cancun Agreements' main objectives cover:</p> <ul style="list-style-type: none"> Mitigation Transparency of actions Technology Finance Adaptation Forests Capacity building 	<p>Among the most prominent agreements is the establishment of a Green Climate Fund to transfer money from the developed to developing world to tackle the impacts of climate change.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Doha Climate Gateway (2012)	<p>Set of decisions taken at the COP 18 meeting in Doha in 2012 which pave the way for a new agreement in Paris in 2015.</p>	<p>The following actions were committed to by governments at this conference:</p> <ul style="list-style-type: none"> Set out a timetable to adopt a universal climate agreement by 2015 (to come into effect in 2020); Complete the work under Bali Action Plan and to focus on new completing new targets; Strengthen the aim to cut greenhouse gases and help vulnerable countries to adapt; Amend Kyoto Protocol to include a new commitment period for cutting down the greenhouse gases emissions; and Provide the financial and technology support and new institutions to allow clean energy investment and sustainable growth in developing countries. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
EU Common Agricultural Policy	<ul style="list-style-type: none"> To improve agricultural productivity, so that consumers have a stable supply of affordable food; and To ensure that EU farmers can make a reasonable living. 	<ul style="list-style-type: none"> ensuring viable food production that will contribute to feeding the world's population, which is expected to rise considerably in the future; Climate change and sustainable management of natural resources; Looking after the countryside across the EU and keeping the rural economy alive. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
EU REACH Regulation (EC 1907/2006)	<ul style="list-style-type: none"> Aims to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. 	<p>The aims are achieved by applying REACH, namely:</p> <ul style="list-style-type: none"> Registration, Evaluation, Authorisation; and Restriction of chemicals. <p>REACH also aims to enhance innovation and competitiveness of the EU chemicals industry.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Stockholm Convention	<ul style="list-style-type: none"> The objective of the Stockholm Convention is to protect human health and the environment from persistent organic pollutants. 	<ul style="list-style-type: none"> Prohibit and/or eliminate the production and use, as well as the import and export, of the intentionally produced POPs that are listed in Annex A to the Convention Restrict the production and use, as well as the import and export, of the intentionally produced POPs that are listed in Annex B to the Convention Reduce or eliminate releases from unintentionally produced POPs that are listed in Annex C to the Convention Ensure that stockpiles and wastes consisting of, containing or contaminated with POPs are managed safely and in an environmentally sound manner 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives</p>

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		<ul style="list-style-type: none"> To target additional POPs Other provisions of the Convention relate to the development of implementation plans, information exchange, public information, awareness and education, research, development and monitoring, technical assistance, financial resources and mechanisms, reporting, effectiveness evaluation and non-compliance 	of the regulatory framework for environmental protection and management.
Ramsar Convention	The Convention's mission is "the conservation and wise use of all wetlands through local and national actions and international cooperation, as a contribution towards achieving sustainable development throughout the world".	<p>Under the "three pillars" of the Convention, the Contracting Parties commit to:</p> <ul style="list-style-type: none"> Work towards the wise use of all their wetlands; Designate suitable wetlands for the list of Wetlands of International Importance (the "Ramsar List") and ensure their effective management; Cooperate internationally on transboundary wetlands, shared wetland systems and shared species. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
OSPAR Convention	The mission of OSPAR is to conserve marine ecosystems and safeguard human health in the North-East Atlantic by preventing and eliminating pollution; by protecting the marine environment from the adverse effects of human activities; and by contributing to the sustainable use of the seas.	<p>OSPAR's work is organised under six strategies:</p> <ul style="list-style-type: none"> Biodiversity and Ecosystem Strategy Eutrophication Strategy Hazardous Substances Strategy Offshore Industry Strategy Radioactive Substances Strategy Strategy for the Joint Assessment and Monitoring Programme <p>These six strategies fit together to underpin the ecosystem approach. For each strategy a programme of work is designed and implemented annually.</p>	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
European 2020 Strategy for Growth	<p>Europe 2020 sets out a vision of Europe's social market economy for the 21st century and puts forward three mutually reinforcing priorities:</p> <ul style="list-style-type: none"> Smart growth: developing an economy based on knowledge and innovation; Sustainable growth: promoting a more resource efficient, greener and more competitive economy; Inclusive growth: fostering a high-employment economy delivering social and territorial cohesion. 	<p>In order to reach these priorities, the Commission proposes five quantitative targets to fulfil by 2020:</p> <ol style="list-style-type: none"> 75 % of the population aged 20-64 should be employed; 3% of the EU's GDP should be invested in R&D; the "20/20/20" climate/energy targets should be met (including an increase to 30% of emissions reduction if the conditions are right); the share of early school leavers should be under 10% and at least 40% of the younger generation should have a tertiary degree; 20 million less people should be at risk of poverty. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Level			
Ireland 2040 - Our Plan, the National Planning Framework and the National Development Plan (2021-2030)	<p>The National Planning Framework is the Government's high-level strategic plan for shaping the future growth and development of to the year 2040. It is a framework to guide public and private investment, to create and promote opportunities for people, and to protect and enhance the environment - from villages to cities, and everything around and in between.</p> <p>As part of Project Ireland 2040 the National Development Plan sets out the Government's over-arching investment strategy and budget for the period 2021-2030. It is an ambitious plan that balances the significant demand for public investment across all sectors and regions of Ireland with a major focus on improving the delivery of infrastructure projects to ensure speed of delivery and value for money.</p>	<p>The National Planning Framework published alongside the National Development Plan yields ten National Strategic Outcomes as follows:</p> <ol style="list-style-type: none"> Compact Growth Enhanced Regional Accessibility Strengthened Rural Economies and Communities Sustainable Mobility A Strong Economy, supported by Enterprise, Innovation and Skills High-Quality International Connectivity Enhanced Amenity and Heritage Transition to a Low-Carbon and Climate-Resilient Society Sustainable Management of Water and other Environmental Resources Access to Quality Childcare, Education and Health Services 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Investment Framework for Transport in Ireland [in preparation]	<p>The high-level strategic framework for prioritising future investment in the land transport network.</p> <p>This new framework is the Department of Transport's contribution to Project Ireland 2040, Government's long-term strategy for accommodating population growth in a sustainable manner and making Ireland a better country for all of its people. It has been developed to ensure that our transport sectoral strategy is underpinned by and supports the achievement of the spatial objectives and National Strategic Objectives set out in the National Planning Framework.</p>	The draft framework establishes high-level investment priorities to efficiently and effectively address key transport challenges identified by the background analysis and to ensure that transport investment is aligned with and supports Government's overarching spatial and climate change objectives, as articulated in the National Planning Framework and Climate Action Plan.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Planning and Development Act 2000 (as amended)	The core principal objectives of this Act are to amend the Planning Acts of 2000 – 2009 with specific regard given to supporting economic renewal and sustainable development.	<ul style="list-style-type: none"> Development, with certain exceptions, is subject to development control under the Planning Acts and the local authorities grant or refuse planning permission for development, including ones within protected areas. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with

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		<ul style="list-style-type: none"> • There are, however, a range of exemptions from the planning system. Use of land for agriculture, peat extraction and afforestation, subject to certain thresholds, is generally exempt from the requirement to obtain planning permission. • Additionally, Environmental Impact Assessment (EIA) is required for a range of classes and large scale projects. • Under planning legislation, Development Plans must include mandatory objectives for the conservation of the natural heritage and for the conservation of European sites and any other sites which may be prescribed. There are also discretionary powers to set objectives for the conservation of a variety of other elements of the natural heritage. 	<p>others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Climate Action Plan 2021	<p>The Climate Action Plan 2021 provides a detailed plan for taking decisive action to achieve a 51% reduction in overall greenhouse gas emissions by 2030 and setting us on a path to reach net-zero emissions by no later than 2050, as committed to in the Programme for Government and set out in the Climate Act 2021.</p>	<p>The Plan lists the actions needed to deliver on our climate targets and sets indicative ranges of emissions reductions for each sector of the economy. It will be updated annually, including in 2022, to ensure alignment with Ireland’s legally binding economy-wide carbon budgets and sectoral ceilings.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
European Communities (Environmental Assessment of Certain Plans and Programmes Regulations 2004 (S.I. 435 of 2004), as amended by S.I. 200 of 2011	<p>The purpose of these Regulations is to transpose into Irish law Directive 2001/42/EC of 27 June 2001 (O.J. No. L 197, 21 July 2001) on the assessment of the effects of certain plans and programmes on the environment – commonly known as the Strategic Environmental Assessment (SEA) Directive.</p>	<ul style="list-style-type: none"> • The Regulations cover plans and programmes in all of the sectors listed in article 3(2) of the Directive except land-use planning. • These Regulations also amend certain provisions of the Planning and Development Act 2000 to provide the statutory basis for the transposition of the Directive in respect of land-use planning. • Transposition in respect of the land-use planning sector is contained in the Planning and Development (Strategic Environmental Assessment) Regulations 2004 (S.I. No. 436 of 2004). 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. 477 of 2011, as amended)	<p>These Regulations provide a new for the implementation in Ireland of Council Directive 92/43/EEC on habitats and protection of wild fauna and flora (as amended) and for the implementation of Directive 2009/147/EC of the European Parliament and of the Council on the protection of wild birds.</p>	<ul style="list-style-type: none"> • They provide, among other things, for: the appointment and functions of authorized officers; identification, classification and other procedures relative to the designation of Community sites. • The Regulations have been prepared to address several judgments of the CJEU against Ireland, notably cases C-418/04 and C-183/05, in respect of failure to transpose elements of the Birds Directive and the Habitats Directive into Irish law. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Waste Management Act 1996, as amended	<p>To make provision in relation to the prevention, management and control of waste; to give effect to provisions of certain acts adopted by institutions of the European communities in respect of those matters; to amend the Environmental Protection Agency Act, 1992, and to repeal certain enactments and to provide for related matters.</p>	<p>The Waste Management Act contains a number of key legal obligations, including requirements for waste management planning, waste collection and movement, the authorisation of waste facilities, measures to reduce the production of waste and/or promote its recovery.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
European Communities Environmental Objectives (FPM) Regulations 2009 (S.I 296 of 2009)	<p>The purpose of these Regulations is to support the achievement of favourable conservation status for freshwater pearl mussels</p>	<p>Actions:</p> <ul style="list-style-type: none"> • Set environmental quality objectives for the habitats of the freshwater pearl mussel populations named in the First Schedule to these Regulations that are within the boundaries of a site notified in a candidate list of European sites, or designated as a Special Area of Conservation, under the European Communities (Natural Habitats) Regulations, 1997 (S.I. No. 94/1997). • Require the production of sub-basin management plans with programmes of measures to achieve these objectives. • Set out the duties of public authorities in respect of the sub-basin management plans and programmes of measure 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>

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European Communities Environmental Objectives (Groundwater) Regulations 2010 (S.I. 9 of 2010), as amended (S.I. No. 366 of 2016)	To amend the European Communities Environmental Objectives (Groundwater) Regulations 2010 (S.I. No. 9 of 2010) to make further provision to implement Commission Directive 2014/80/EU of 20 June 2014 amending Annex II to Directive 2006/118/EC of the European Parliament and of the Council on the protection of groundwater against pollution and deterioration.	The substances and threshold values set out in Schedule 5 to S.I. No. 9 of 2010 have been reviewed and amended where necessary, based on existing monitoring information and international guidelines on appropriate threshold values. <ul style="list-style-type: none"> Part A of Schedule 6 has been amended to include changes to the rules governing the determination of background levels for the purposes of establishing threshold values for groundwater pollutants and indicators of pollution. Part B of Schedule 6 has been amended to include nitrites and phosphorus (total) / phosphates among the minimum list of pollutants and their indicators which the Environmental Protection Agency (EPA) must consider when establishing threshold values Part C of Schedule 6 amends the information to be provided to the Minister by the EPA with regard to the pollutants and their indicators for which threshold values have been established 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2014 (S.I. No. 31 of 2014)	These Regulations, which give effect to Irelands 3rd Nitrates Action Programme, provide statutory support for good agricultural practice to protect waters against pollution from agricultural sources	The Regulations include measures such as: <ul style="list-style-type: none"> Periods when land application of fertilisers is prohibited Limits on the land application of fertilisers Storage requirements for livestock manure; and Monitoring of the effectiveness of the measures in terms of agricultural practice and impact on water quality. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Climate Action and Low Carbon Development Act 2015 (and Amendment Bill 2021)	<ul style="list-style-type: none"> An Act to provide for the approval of plans by the Government in relation to climate change for the purpose of pursuing the transition to a low carbon, climate resilient and environmentally sustainable economy. The Climate Action and Low Carbon Development (Amendment) Bill 2021 seeks to amend the principle Act of 2015 (outlined below) by reinforcing Ireland’s transition to Net Zero and achieve its commitment to a climate neutral economy by no later than 2050. It establishes a legally binding framework with clear targets and commitments set in law, and ensure the necessary structures and processes are embedded on a statutory basis to ensure Ireland achieves its national, EU and international climate goals and obligations in the near and long term. 	When considering a plan or framework, for approval, the Government shall endeavour to achieve the national transition objective within the period to which the objective relates and shall, in endeavouring to achieve that objective, ensure that such objective is achieved by the implementation of measures that are cost effective and shall, for that purpose, have regard to: <ul style="list-style-type: none"> The ultimate objective specified in Article 2 of the United Nations Framework Convention on Climate Change done at New York on 9 May 1992 and any mitigation commitment entered into by the European Union in response or otherwise in relation to that objective, The policy of the Government on climate change, Climate justice, Any existing obligation of the State under the law of the European Union or any international agreement referred to in section 2; and The most recent national greenhouse gas emissions inventory and projection of future greenhouse gas emissions, prepared by the Agency. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
The Sustainable Development Goals National Implementation Plan (2018 – 2020)	<ul style="list-style-type: none"> National Implementation Plan 2018 - 2020 is in direct response to the 2030 Agenda for Sustainable Development and provides a whole-of-government approach to implement the 17 Sustainable Development Goals (SDGs). The Plan provides a 'SDG Matrix' which identifies the responsible Government Departments for each of the 169 targets. It also includes a 'SDG Policy Map' indicating the relevant national policies for each of the targets. 	The Plan identifies four strategic priorities to guide implementation: <ul style="list-style-type: none"> Awareness: raise public awareness of the SDGs; Participation: provide stakeholders opportunities to engage and contribute to follow-up and review processes, and further develop national implementation of the Goals; Support: encourage and support efforts of communities and organisations to contribute towards meeting the SDGs, and foster public participation; and Policy alignment: develop alignment of national policy with the SDGs and identify opportunities for policy coherence. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Infrastructure and Capital Investment Plan (2016-2021)	€27 billion multi-annual Exchequer Capital Investment Plan, which is supported by a programme of capital investment in the wider State sector, and which over the period 2016 to 2021 will help to lay the foundations for continued growth in Ireland.	<ul style="list-style-type: none"> This Capital Plan reflects the Government’s commitment to supporting strong and sustainable economic growth and raising welfare and living standards for all. It includes allocations for new projects across a number of key areas and funding to ensure that the present stock of national infrastructure is refreshed and maintained. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Aquaculture Acts 1997 to 2006 : (Sea-Fisheries and Maritime Jurisdiction Act 2006 (8/2006), s. 1(3)) • Fisheries (Amendment) Act 1997 (23/1997)	The Aquaculture and Foreshore Management Division ensures the efficient and effective management of Aquaculture licensing and Foreshore licensing in respect of Aquaculture and Sea Fishery related activities.	The Strategic Objectives of the Aquaculture & Foreshore Management Division are: <ul style="list-style-type: none"> to develop and manage an efficient and effective regulatory framework in respect of Aquaculture licensing and Foreshore licensing of Aquaculture and Sea Fishery related activities; 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan

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<ul style="list-style-type: none"> • Fisheries and Foreshore (Amendment) Act 1998 (54/1998), ss. 2, 3 and 4 • Fisheries (Amendment) Act 2001 (40/2001) • Sea-Fisheries and Maritime Jurisdiction Act 2006 (8/2006), s. 101 		<ul style="list-style-type: none"> • to secure a fair financial return from the State's foreshore estate in the context of Aquaculture licensing and Foreshore licensing in respect of Aquaculture and Sea Fishery related activities; • to progressively reduce arrears in the clearing of licence applications. 	needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Foreshore Acts 1933 to 2011	The Foreshore Acts require that a lease or licence must be obtained from the Minister for Housing, Planning and Local Government for the carrying out of works or placing structures or material on, or for the occupation of or removal of material from, State-owned foreshore, which represents the greater part of the foreshore. Construction of permanent structures on privately owned foreshore also required the prior permission of the Minister under the Foreshore Act.	<ul style="list-style-type: none"> • Developments on the foreshore require planning permission in addition to a Foreshore Lease/Licence/Permission. All Foreshore Leases, Licences and Permissions are without prejudice to the powers of the local planning authority. Applicants should, therefore, consult initially with the local planning authority regarding their proposal. • In the case of developments on foreshore for, by or on behalf of a Local Authority where an EIS is required, applications should be made to An Bord Pleanála under Part XV, Planning and Development Act 2000. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Marine Planning Framework (NMPF)	The NMPF details how marine activities will interact with each other in an ocean space that is under increasing spatial pressure, ensuring the sustainable use of Ireland's marine resources to 2040. The NMPF has been prepared with an ecosystem-based approach and informed by best available knowledge.	The National Marine Planning Framework (NMPF) brings together all marine-based human activities for the first time, outlining the Government's vision, objectives and marine planning policies for each marine activity. The NMPF is intended as the marine equivalent to the National Planning Framework. This approach will enable the Government to: <ul style="list-style-type: none"> • set a clear direction for managing our seas • clarify objectives and priorities • direct decision makers, users and stakeholders towards strategic, planned, and efficient use of our marine resources 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
European Union (Birds and Natural Habitats) (Sea-Fisheries) Regulations 2013 (S.I. 290 of 2013)	These regulations have been drafted to implement the responsibilities of the Minister for Agriculture Food and the Marine in relation to sea fisheries in Natura 2000 sites, in accordance with the Habitats and Birds Directives as transposed by the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. 477 of 2011).	<ul style="list-style-type: none"> • Regulation 3 provides for the submission of a Fisheries Natura Plan in relation to planned fisheries; • Regulation 4 provides for a screening of a Fisheries Natura Plan to determine whether or not an appropriate assessment is required; • Regulation 5 provides for an appropriate assessment of a Fisheries Natura Plan and also provides for public and statutory consultation; • Regulation 6 provides for the Minister to make a determination to adopt a Fisheries Natura Plan. The Minister may amend, withdraw or revoke a plan; • Regulation 7 provides for publication of the adopted Fisheries Natura Plan; • Regulation 8 provides for a Risk Assessment of unplanned fisheries and also provides for public and statutory consultation on the assessment; • Regulation 9 provides for the issue of a Natura Declaration to prohibit, restrict including restricting by permit, control, etc. of sea fishing activities; • Regulation 10 provides for Natura Permits to be issued where required by Natura Declarations; and • Regulations 11 to 31 deal with functions of authorised officers and related matters, offences, etc. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Seafood Operational Programme (20104-2020)	The Operational Programme (OP) supported by the European Maritime and Fisheries Fund (EMFF) in Ireland aims at achieving key national development priorities along with the EU's "Europe 2020" objectives. The OP supports the general reform of the EU's Common Fisheries Policy (CFP) and the development of its Integrated Maritime Policy (IMP) in Ireland. The OP strategy is designed around the Irish national priorities in the agri-food sector: 'Act Smart' by encouraging knowledge and innovation, 'Think Green' through a responsible and sustainable use of resources, 'Achieve Growth' in order to maintain and create jobs.	The OP is organised around the following priorities <ul style="list-style-type: none"> • Union Priority 1 (UP1): €67 million (28% of the total allocation) aim at assuring the sustainable development of fishing activities, while protecting the marine environment • Union Priority 2 (UP2): €30 million (12% of the total allocation) will support the Irish National Strategic Plan for Aquaculture that aims at boosting the competitiveness of the aquaculture sector. • Union Priority 3 (UP3): €84.8 million (35.4% of the total allocation) will go towards compliance with CFP rules regarding control and data collection. • Union Priority 4 (UP4): €12 million (5% of the total allocation) will support local development initiatives — a substantial, eleven-fold increase compared to the 2007-2013 funding period. • Union Priority 5 (UP5): €33 million (13.8% of the total allocation) will go towards creating scale in the Irish marketing and processing sectors, starting from the base of very small-scale businesses. • Union Priority 6 (UP6): €10.6 million (4% of the total allocation) will be used on measures to improve the knowledge on the state of the marine environment and the level of protection of marine areas 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Harnessing Our Ocean Wealth: An Integrated Marine Plan for Ireland 2012	Harnessing Our Ocean Wealth is an Integrated Marine Plan (IMP), setting out a roadmap for the Government's vision, high-level goals and integrated actions across policy, governance and business to enable our marine potential to be	<ul style="list-style-type: none"> • Sustainable economic growth of marine/ maritime sectors; • Increase the contribution to the national GDP; 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with

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	realised. Implementation of this Plan will see Ireland evolve an integrated system of policy and programme planning for our marine affairs.	<ul style="list-style-type: none"> • Deliver a business friendly yet robust governance, policy and planning framework; • Protect and conserve our rich marine biodiversity and ecosystems; • Manage our living and non-living resources in harmony with the ecosystem; • Implement and comply with environmental legislation; • Building on our maritime heritage, strengthen our maritime identity; • Increase our awareness of the value, opportunities and societal benefits; and • Engagement and participation by all. 	others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Ireland's National Renewable Energy Action Plan 2010 (Irish Government submission to the European Commission)	The National Renewable Energy Action Plan (NREAP) sets out the Government's strategic approach and concrete measures to deliver on Ireland's 16% target under Directive 2009/28/EC.	The NREAP sets out the Member State's national targets for the share of energy from renewable sources to be consumed in transport, electricity and heating and cooling in 2020, and demonstrates how the Member State will meet its overall national target established under the Directive.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Strategy for Renewable Energy (2012-2020)	<ul style="list-style-type: none"> • The Government's overarching strategic objective is to make renewable energy an increasingly significant component of Ireland's energy supply by 2020, so that at a minimum it will achieve its legally binding 2020 target in the most cost efficient manner for consumers. • Of critical importance is the role which the renewable energy sector plays in job creation and economic activity as part of the Government's action plan for jobs. 	<p>This document sets out five strategic goals, reflecting the key dimensions of the renewable energy challenge to 2020:</p> <ul style="list-style-type: none"> • Increasing on and offshore wind, • Building a sustainable bioenergy sector, • Fostering R&D in renewables such as wave & tidal, • Growing sustainable transport; and • Building out robust and efficient networks. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Climate Mitigation Plan 2017	The Plan represents an initial step to set Ireland on a pathway to achieve the deep decarbonisation required in Ireland by mid-century in line with the Government's policy objectives.	<p>The National Mitigation Plan focuses on the following issues:</p> <ul style="list-style-type: none"> • Climate Action Policy Framework • Decarbonising Electricity Generation • Decarbonising the Built Environment • Decarbonising Transport • An Approach to Carbon Neutrality for Agriculture, Forest and Land Use Sectors 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Policy Position on Climate Action and Low Carbon Development (2014)	<ul style="list-style-type: none"> • The National Policy Position provides a high-level policy direction for the adoption and implementation by Government of plans to enable the State to move to a low carbon economy by 2050. • Statutory authority for the plans is set out in the Climate Action and Low Carbon Development Act 2015. 	<p>National climate policy in Ireland:</p> <ul style="list-style-type: none"> • Recognises the threat of climate change for humanity; • Anticipates and supports mobilisation of a comprehensive international response to climate change, and global transition to a low-carbon future; • Recognises the challenges and opportunities of the broad transition agenda for society; and • Aims, as a fundamental national objective, to achieve transition to a competitive, low carbon, climate-resilient and environmentally sustainable economy by 2050. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Clean Air Strategy [in preparation]	The Clean Air Strategy will provide the strategic policy framework necessary to identify and promote integrated measures across government policy that are required to reduce air pollution and promote cleaner air while delivering on wider national objectives.	<ul style="list-style-type: none"> • Having a National Strategy will provide a policy framework by which Ireland can develop the necessary policies and measures to comply with new and emerging EU legislation. • The Strategy should also help tackle climate change. • The Strategy will consider a wider range of national policies that are relevant to clean air policy such as transport, energy, home heating and agriculture. • In any discussion relating to clean air policy, the issue of people's health is paramount and this will be a strong theme of the Strategy. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.

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<p>Eirgrid's Grid25 Strategy and associated Grid25 Implementation Programme 2011 - 2016</p>	<ul style="list-style-type: none"> Eirgrid's mission is to develop, maintain and operate a safe, secure, reliable, economical and efficient transmission system for Ireland. "Our vision is of a grid developed to match future needs, so it can safely and reliably carry power all over the country to the major towns and cities and onwards to every home, farm and business where the electricity is consumed and so it can meet the needs of consumers and generators in a sustainable way." 	<p>Grid25, EirGrid's roadmap to update the electricity transmission grid by 2025, continues to be implemented so as to increase the capacity of the grid, to satisfy future demand, and to help Ireland meet its target of 40 per cent of electricity from renewable energy by 2020.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Strategy for the Future Development of National and Regional Greenways (2018)</p>	<ul style="list-style-type: none"> The objective of this Strategy is to assist in the strategic development of nationally and regionally significant Greenways in appropriate locations constructed to an appropriate standard in order to deliver a quality experience for all Greenways users. It also aims to increase the number and geographical spread of Greenways of scale and quality around the country over the next 10 years with a consequent significant increase in the number of people using Greenways as a visitor experience and as a recreational amenity. 	<ul style="list-style-type: none"> A Strategic Greenway network of national and regional routes, with a number of high-capacity flagship routes that can be extended and/or link with local Greenways and other cycling and walking infrastructure; Greenways of scale and appropriate standard that have significant potential to deliver an increase in activity tourism to Ireland and are regularly used by overseas visitors, domestic visitors and locals thereby contributing to a healthier society through increased physical activity; Greenways that provide a substantially segregated off-road experience linking places of interest, recreation and leisure in areas with beautiful scenery of different types with plenty to see and do; and Greenways that provide opportunities for the development of local businesses and economies, and Greenways that are developed with all relevant stakeholders in line with an agreed code of practice. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>National Water Resources Plan [in preparation]</p>	<ul style="list-style-type: none"> The NWRP is a plan on how to provide a safe, secure and reliable water supply to customers for the next 25 years, without causing adverse impact on the environment. The objective of the NWRP is to set out how we intend to maintain the supply and demand for drinking water over the short, medium and long term whilst minimising the impact on the environment. 	<p>The key objectives of the plan are to:</p> <ul style="list-style-type: none"> Identify areas where there are current and future potential water supply shortfalls, taking into account normal and extreme weather conditions Assess the current and future water demand from homes, businesses, farms, and industry Consider the impacts of climate change on Ireland's water resources Develop a drought plan advising measures to be taken before and during drought events Develop a plan detailing how we deal with the material that is produced as a result of treating drinking water Identify, develop and assess options to help meet potential shortfalls in water supplies Assess the water resources available at a national level including lakes, rivers and groundwater 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>National Strategic Plan for Aquaculture Development (2014-2020)</p>	<p>Vision: "Aquaculture in RC is economically, socially and ecologically sustainable, with a developed infrastructure, strong human potentials and an organized market. The consumption of aquaculture products is equal or above EU average, while the technological development of the sector is among the best in the EU."</p>	<p>General development and growth objectives of marine and freshwater aquaculture (2014 – 2020):</p> <ul style="list-style-type: none"> Strengthen the social, business and administrative environment for aquaculture development Increase in the total production to 24,050 tonnes while adhering to the principles of economic, social and ecological sustainability Improvement of the perception and increase in the national consumption of National products 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Construction 2020, A Strategy for a Renewed Construction Sector</p>	<ul style="list-style-type: none"> Construction 2020 sets out a package of measures agreed by the Government and is aimed at stimulating activity in the building industry. The Strategy aims both to increase the capacity of the sector to create and maintain jobs, and to deliver a sustainable sector, operating at an appropriate level. It seeks to learn the lessons of the past and to ensure that the right structures and mechanisms are in place so that they are not repeated. 	<p>This Strategy therefore addresses issues including:</p> <ul style="list-style-type: none"> A strategic approach to the provision of housing, based on real and measured needs, with mechanisms in place to detect and act when things are going wrong; Continuing improvement of the planning process, striking the right balance between current and future requirements; The availability of financing for viable and worthwhile projects; Access to mortgage finance on reasonable and sustainable terms; Ensuring we have the tools we need to monitor and regulate the sector in a way that underpins public confidence and worker safety; Ensuring a fit for purpose sector supported by a highly skilled workforce achieving high quality and standards; and Ensuring opportunities are provided to unemployed former construction workers to contribute to the recovery of the sector. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Sustainable Development: A Strategy for Ireland (1997)</p>	<ul style="list-style-type: none"> The overall aim of this Strategy is to ensure that economy and society in Ireland can develop to their full potential within a well-protected environment, without compromising the quality of that environment, and 	<ul style="list-style-type: none"> The Strategy addresses all areas of Government policy, and of economic and societal activity, which impact on the environment. It seeks to re-orientate 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with</p>

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	with responsibility towards present and future generations and the wider international community.	policies as necessary to ensure that the strong growth Ireland enjoys and seeks to maintain will be environmentally sustainable.	others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Landscape Strategy for Ireland 2015-2025 and National Landscape Character Assessment (pending preparation)	<ul style="list-style-type: none"> The National Landscape Strategy will be used to ensure compliance with the European Landscape Convention and to establish principles for protecting and enhancing the landscape while positively managing its change. It will provide a high-level policy framework to achieve balance between the protection, management and planning of the landscape by way of supporting actions. Landscape Strategy Vision: <i>"Our landscape reflects and embodies our cultural values and our shared natural heritage and contributes to the well-being of our society, environment and economy. We have an obligation to ourselves and to future generations to promote its sustainable protection, management and planning."</i> 	<p>The objectives of the National Landscape Strategy are to:</p> <ul style="list-style-type: none"> Implement the European Landscape Convention by integrating landscape into the approach to sustainable development; Establish and embed a public process of gathering, sharing and interpreting scientific, technical and cultural information in order to carry out evidence-based identification and description of the character, resources and processes of the landscape; Provide a policy framework, which will put in place measures at national, sectoral - including agriculture, tourism, energy, transport and marine - and local level, together with civil society, to protect, manage and properly plan through high quality design for the sustainable stewardship of the landscape; Ensure that we take advantage of opportunities to implement policies relating to landscape use that are complementary and mutually reinforcing and that conflicting policy objectives are avoided in as far as possible. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Hazardous Waste Management Plan (EPA) 2014-2020 and new Draft National Hazardous Waste Management Plan 2021-2027	<p>This Plan sets out the priorities to be pursued over the next six years and beyond to improve the management of hazardous waste, taking into account the progress made since the previous plan and the waste policy and legislative changes that have occurred since the previous plan was published.</p> <p>Section 26 of the Waste Management Act 1996 as amended, sets out the overarching objectives for the National Hazardous Waste Management Plan. In this context, the following objectives are included as priorities for the revised Plan period:</p> <ul style="list-style-type: none"> To prevent and reduce the generation of hazardous waste by industry and society generally; To maximise the collection of hazardous waste with a view to reducing the environmental and health impacts of any unregulated waste; To strive for increased self-sufficiency in the management of hazardous waste and to minimise hazardous waste export; To minimise the environmental, health, social and economic impacts of hazardous waste generation and management. 	<p>The Environmental Protection Agency has a statutory responsibility to prepare National Hazardous Waste Management Plans. The National Hazardous Waste Management Plan for the period 2014-2020 was the third such national plan and had 27 recommendations with the following objectives: to prevent and reduce the generation of hazardous waste; to maximise the collection of hazardous waste; to strive for increased self-sufficiency in the management of hazardous waste and to minimise hazardous waste export; and to minimise the environmental, health, social and economic impacts of hazardous waste generation and management.</p> <p>The Environmental Protection Agency has prepared a revised National Hazardous Waste Management Plan for the period 2021 to 2027 (currently at draft stage).</p>	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Ministerial Guidelines such as Sustainable Rural Housing Guidelines and Flood Risk Management Guidelines	The Department produces a range of guidelines designed to help planning authorities, An Bord Pleanála, developers and the general public and cover a wide range of issues amongst others, architectural heritage, child care facilities, landscape, quarries and residential density.	The Minister issues statutory guidelines under Section 28 of the Act which planning authorities and An Bord Pleanála are obliged to have regard to in the performance of their planning functions.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
HSE Healthy Ireland Framework for Improved Health and Wellbeing 2013-2025	The vision is: <i>"A Healthy Ireland, where everyone can enjoy physical and mental health and wellbeing to their full potential, where wellbeing is valued and supported at every level of society and is everyone's responsibility."</i>	<p>These four goals are interlinked, interdependent and mutually supportive:</p> <ul style="list-style-type: none"> Goal 1: Increase the proportion of people who are healthy at all stages of life Goal 2: Reduce health inequalities Goal 3: Protect the public from threats to health and wellbeing Goal 4: Create an environment where every individual and sector of society can play their part in achieving a healthy Ireland 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Our Sustainable Future: A framework for Sustainable Development for Ireland 2012	A medium to long term framework for advancing sustainable development and the green economy in Ireland. It identifies spatial planning as a key challenge for sustainable development and sets a series of measures to address these challenges.	<ul style="list-style-type: none"> Sets out the challenges facing us and how we might address them in making sure that quality of life and general wellbeing can be improved and sustained in the decades to come. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan

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Smarter Travel – A Sustainable Transport Future – A New Transport Policy for Ireland 2009 – 2020 (2009)	<ul style="list-style-type: none"> • Outlines a policy for how a sustainable travel and transport system can be achieved. • Sets out five key goals: <ul style="list-style-type: none"> ○ To reduce overall travel demand. ○ To maximise the efficiency of the transport network. ○ To reduce reliance on fossil fuels. ○ To reduce transport emissions. ○ To improve accessibility to transport. 	<ul style="list-style-type: none"> • Others lower level aims include: <ul style="list-style-type: none"> ○ reduce distance travelled by private car and encourage smarter travel, including focusing population growth in areas of employment and to encourage people to live in close proximity to places of employment ○ ensuring that alternatives to the car are more widely available, mainly through a radically improved public transport service and through investment in cycling and walking ○ improving the fuel efficiency of motorised transport through improved fleet structure, energy efficient driving and alternative technologies ○ strengthening institutional arrangements to deliver the targets 	<p>needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p> <p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Investing in our Future: A Strategic Framework for Investment in Land Transport (SFILT) – Department of Transport, Tourism and Sport	<p>SFILT sets out a set of priorities to guide the allocation of the State’s investment to best develop and manage Ireland’s land transport network over the coming decades.</p>	<p>The three priorities stated in SFILT are:</p> <ul style="list-style-type: none"> • Priority 1: Achieve steady state maintenance (meaning that the maintenance and renewal of the existing transport system is at a sufficient level to maintain the system in an adequate condition); • Priority 2: Address urban congestion; and • Priority 3: Maximise the value of the road network. <p>In delivering on the steady state maintenance objective set out in SFILT, the Plan includes for:</p> <ul style="list-style-type: none"> • Planned replacement programme for the bus fleet operated under Public Service Obligation (“PSO”) contracts; • Tram refurbishment and asset renewal in the case of light rail; and • To the extent within the Authority’ remit, support for the operation of the existing rail network within the GDA. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Delivering a Sustainable Energy Future for Ireland – The Energy Policy Framework 2007 – 2020 (2007)	<ul style="list-style-type: none"> • White paper setting out a framework for delivering a sustainable energy future in Ireland. • Outlines strategic Goals for: <ul style="list-style-type: none"> ○ Security of Supply ○ Sustainability of Energy ○ Competitiveness of Energy Supply 	<p>The underpinning Strategic Goals are:</p> <ul style="list-style-type: none"> • Ensuring that electricity supply consistently meets demand • Ensuring the physical security and reliability of gas supplies to Ireland • Enhancing the diversity of fuels used for power generation • Delivering electricity and gas to homes and businesses over efficient, reliable and secure networks • Creating a stable attractive environment for hydrocarbon exploration and production • Being prepared for energy supply disruptions 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
National Adaptation Framework (NAF) 2018 and forthcoming regional, local and sectoral adaptation plans (including marine)	<p>NAF specifies the national strategy for the application of adaptation measures in different sectors and by local authorities in their administrative areas in order to reduce the vulnerability of the State to the negative effects of climate change and to avail of any positive effects that may occur</p>	<ul style="list-style-type: none"> • Adaptation under this Framework should seek to minimise costs and maximise the opportunities arising from climate change. • Adaptation actions range from building adaptive capacity (e.g., increasing awareness, sharing information and targeted training) through to policy and finance-based actions. • Adaptation actions must be risk based, informed by existing vulnerabilities of our society and systems and an understanding of projected climate change. • Adaptation actions taken to increase climate resilience must also consider impacts on other sectors and levels of governance 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Governments White Paper ‘Ireland’s Transition to a Low Carbon Energy Future’ (2015 – 2030)	<p>The White Paper sets out a vision and a framework to guide Irish energy policy between now and 2030. A complete energy policy update informed by the vision to transform Ireland into a low carbon society and economy by 2050.</p>	<p>2030 will represent a significant milestone, meaning:</p> <ul style="list-style-type: none"> • Reduced GHG emissions from the energy sector by between 80% and 95% • Ensuring that secure supplies of competitive and affordable energy remain available to citizens and businesses. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>

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National Renewable Energy Action Plan (2010)	Sets out the Member State's national targets for the share of energy from renewable sources to be consumed in transport, electricity and heating and cooling in 2020, and demonstrates how the Member State will meet its overall national target established under the Directive.	Including Ireland's 16% target of gross final consumption to come from renewables by 2020.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Energy Efficiency Action Plan for Ireland (2009 – 2020)	This is the second National Energy Efficiency Action Plan for Ireland.	<ul style="list-style-type: none"> The Plan reviews the original 90 actions outlined in the first Plan and updates/renews/removes them as appropriate. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Wildlife Act of 1976 Wildlife (Amendment) Act, 2000	The act provides protection and conservation of wild flora and fauna.	<ul style="list-style-type: none"> Provides protection for certain species, their habitats and important ecosystems Give statutory protection to NHAs Enhances wildlife species and their habitats Includes more species for protection 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Actions for Biodiversity (2017-2021) Ireland's National Biodiversity Plan	Sets out strategic objectives, targets and actions to conserve and restore Ireland's biodiversity and to prevent and reduce the loss of biodiversity in Ireland and globally.	<ul style="list-style-type: none"> To mainstream biodiversity in the decision-making process across all sectors. To substantially strengthen the knowledge base for conservation, management and sustainable use of biodiversity. To increase awareness and appreciation of biodiversity and ecosystem services. To conserve and restore biodiversity and ecosystem services in the wider countryside. To conserve and restore biodiversity and ecosystem services in the marine environment. To expand and improve on the management of protected areas and legally protected species. To substantially strengthen the effectiveness of international governance for biodiversity and ecosystem services. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Broadband Plan (2012)	Sets out the strategy to deliver high speed broadband throughout Ireland.	<p>The Plan sets out:</p> <ul style="list-style-type: none"> A clear statement of Government policy on the delivery of High-Speed Broadband. Specific targets for the delivery and rollout of high-speed broadband and the speeds to be delivered. The strategy and interventions that will underpin the successful implementation of these targets. A series of specific complementary measures to promote implementation of Government policy in this area. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
The Planning System and Flood Risk Management – Guidelines for Planning Authorities (2009)	<ul style="list-style-type: none"> Sets out comprehensive mechanisms for the incorporation of flood risk identification, assessment and management into the planning process. Ensures flood risk is a key consideration in preparing land use plans and in the assessment of planning applications. Implementation of the Guidelines is through actions at national, regional, local authority and site-specific levels. Planning authorities and An Bord Pleanála are required to have regard to the Guidelines in carrying out their functions under the Planning Acts. 	<ul style="list-style-type: none"> Avoid inappropriate development in areas at risk of flooding. Avoid new developments increasing flood risk elsewhere, including that which may arise from surface water run-off. Ensure effective management of residual risks for development permitted in floodplains. Avoid unnecessary restriction of national, regional or local economic and social growth. Improve the understanding of flood risk among relevant stakeholders. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives

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		<ul style="list-style-type: none"> Ensure that the requirements of EU and national law in relation to the natural environment and nature conservation are complied with at all stages of flood risk management. <p>The 2009 Flood Risk Management Guidelines were amended by Circular PL 2/2014 (Department of the Environment, Community and Local Government) that provides advice on the use of OPW flood mapping in assessing planning applications and clarifies some advice from the 2009 Guidelines.</p>	<p>of the regulatory framework for environmental protection and management.</p>
<p>European Communities (Water Policy) Regulations of 2003 (SI 722 of 2003)</p> <p>European Communities (Water Policy) Regulations of 2003 (SI 350 of 2014)</p> <p>European Communities Environmental Objectives (Surface waters) Regulations of 2009 (SI 272 of 2009)</p>	<ul style="list-style-type: none"> Transpose the Water Framework Directive into legislation. Outlines the general duty of public authorities in relation to water. Identifies the competent authorities in charge of water policy (amended to Irish Water in 2013) and gives EPA and the CER the authority to regulate and supervise their actions. 	<ul style="list-style-type: none"> Implements River basin districts and characterisation of RBDs and River Basin Management Plans. Requires the public to be informed and consulted on the Plan and for progress reports to be published on RBDs. Implements a Register of protected areas, Classification systems and Monitoring programmes for water bodies. Allows the competent authority to recover the cost of damage/destruction of status of water body. Outlines environmental objectives and programme of measures and environmental quality standards for priority substances. Outlines criteria for assessment of groundwater. Outlines environmental objectives to be achieved for surface water bodies. Outlines surface water quality standards. Establishes threshold values for the classification and protection of surface waters against pollution and deterioration in quality. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>European Communities Environmental Objectives (Groundwater) Regulations of 2010 (SI 9 of 2010)</p>	<p>Transpose the requirements of the Groundwater Directive 2006/118/EC into Irish Legislation.</p>	<ul style="list-style-type: none"> Outlines environmental objectives to be achieved for groundwater bodies of groundwater against pollution and deterioration in quality. Sets groundwater quality standards. Outlines threshold values for the classification and protection of groundwater. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Water Pollution Acts 1977 to 1990</p>	<p>The Water Pollution Acts allow Local Authorities the authority regulate and supervise actions relating to water in their division.</p>	<p>The Water Pollution Acts enable local authorities to:</p> <ul style="list-style-type: none"> Prosecute for water pollution offences. Attach appropriate pollution control conditions in the licensing of effluent discharges from industry, etc., made to waters. Issue notices ("section 12 notices") to farmers, etc., specifying measures to be taken within a prescribed period to prevent water pollution. Issue notices requiring a person to cease the pollution of waters and requiring the mitigation or remedying of any effects of the pollution in the manner and within the period specified in such notices; Seek court orders, including High Court injunctions, to prevent, terminate, mitigate or remedy pollution/its effects. Prepare water quality management plans for any waters in or adjoining their functional areas. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Water Services Act 2007</p> <p>Water Services (Amendment) Act 2012</p> <p>Water Services Act (No. 2) 2013</p>	<ul style="list-style-type: none"> Provides the water services infrastructure. Outlines the responsibilities involved in delivering and managing water services. Identifies the authority in charge of provision of water and wastewater supply. Irish Water was given the responsibility of the provision of water and wastewater services in the amendment act during 2013, therefore these services are no longer the responsibility of the 34 Local Authorities in Ireland. 	<p>Key strategic objectives include:</p> <ul style="list-style-type: none"> Ensuring Irish Water delivers infrastructural projects that meet key public health, environmental and economic objectives in the water services sector. Ensuring the provision of adequate water and sewerage services in the gateways and hubs listed in the National Spatial Strategy, and in other locations where services need to be enhanced. Ensuring good quality drinking water is available to all consumers of public and group water supplies, in compliance with national and EU drinking water standards Ensuring the provision of the remaining infrastructure needed to provide secondary wastewater treatment, for compliance with the requirements of the EU Urban Wastewater Treatment Directive. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
<p>Irish Water's Water Services Strategic Plan 2015 and associated Proposed Capital Investment Plan (2014-2016)</p>	<p>This Water Services Strategic Plan sets out strategic objectives for the delivery of water services over the next 25 years up to 2040. It details current and future challenges which affect the provision of water services and identifies the priorities to be tackled in the short and medium term.</p>	<p>Six strategic objectives as follows:</p> <ul style="list-style-type: none"> Meet Customer Expectations. Ensure a Safe and Reliable Water Supply. Provide Effective Management of Wastewater. Protect and Enhance the Environment. Support Social and Economic Growth. Invest in the Future. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and</p>

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Raised Bog SAC Management Plan and Review of Raised Bog Natural Heritage Areas	Aims to meet nature conservation obligations while having regard to national and local economic, social and cultural needs	<ul style="list-style-type: none"> • Ensure that the implications of management choices for water levels, quantity and quality are fully explored, understood and factored into policy making and land use planning. • Review the current raised bog NHA network in terms of its contribution to the national conservation objective for raised bog habitats and determine the most suitable sites to replace the losses of active raised bog habitat and high bog areas within the SAC network and to enhance the national network of NHAs. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Agri-vision 2015 Action Plan	Outlines the vision for agricultural industry to improve competitiveness and response to market demand while respecting and enhancing the environment	not applicable	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Agri-Food Strategy 2030	<p>This 10-year Strategy sets out four high-level “Missions” to be achieved in order to develop such a system in Ireland:</p> <ol style="list-style-type: none"> 1. A Climate Smart, Environmentally Sustainable Agri-Food Sector 2. Viable and Resilient Primary Producers with Enhanced Wellbeing 3. Food that is Safe, Nutritious and Appealing, Trusted and Valued at Home and Abroad 4. An Innovative, Competitive and Resilient Sector, driven by Technology and Talent 	Each of the Missions has a set of Goals which are underpinned by a series of Actions.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
<p>Rural Environmental Protection Scheme (REPS)</p> <p>Agri-Environmental Options Scheme (AEOS)</p> <p>Green, Low-Carbon, Agri-environment Scheme (GLAS)</p>	<ul style="list-style-type: none"> • Agri-environmental funding schemes aimed at rural development for the environmental enhancement and protection. • GLAS is the new replacement for REPS and AEOS which are both expiring. 	<ul style="list-style-type: none"> • Establish best practice farming methods and production methods in order to protect landscapes and maximise conservation. • Protect biodiversity, endangered species of flora and fauna and wildlife habitats. • Ensure food is produced with the highest regard to the environment. • Implement nutrient management plans and grassland management plans. • Protect and maintain water bodies, wetlands and cultural heritage. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Rural Development Programme	The National Rural Development Programme, prepared by the Department of Agriculture, Fisheries and Food, sets out a national programme based on the EU framework for rural development and prioritises improving the competitiveness of agriculture, improving the environment and improving the quality of life in rural areas	<p>At a more detailed level, the programme also:</p> <ul style="list-style-type: none"> • Supports structural change at farm level including training young farmers and encouraging early retirement, support for restructuring, development and innovation; • Aims to improve the environment, biodiversity and the amenity value of the countryside by support for land management through funds such as Natura 2000 payments etc.; and • Aims to improve quality of life in rural areas and encouraging diversification of economic activity through the implementation of local development strategies such as non-agricultural activities 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Forestry Programme (2014-2020)	Represents Ireland’s proposals for 100% State aid funding for a new Forestry Programme for the period 2014 – 2020.	<p>Measures include the following:</p> <ul style="list-style-type: none"> • Afforestation and Creation of Woodland • NeighbourWood Scheme • Forest Roads • Reconstitution Scheme • Woodland Improvement Scheme 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards

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River Basin Management Plan for Ireland 2022-2027 3rd Cycle [in preparation]	This draft River Basin Management Plan sets out the measures that are necessary to protect and restore water quality in Ireland. The overall aim of the plan is to ensure that our natural waters are sustainably managed and that freshwater resources are protected so as to maintain and improve Ireland's water environment.	The River Basin Management Plan sets out the measures necessary to protect and improve the quality of Ireland's waters. These plans are prepared in 6-year cycles, during which a programme of measures must be implemented so as to achieve water quality objectives. Good water quality contributes to protecting human health by improving the quality of drinking water sources and bathing waters. UN Sustainable Development Goals (SDGs), including SDG 6 'ensure availability and sustainable management of water and sanitation for all' have been integrated into the measures and the governance arrangements for the proposed River Basin Management Plan.	– in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management. Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Peatlands Strategy (2015-2025)	This Strategy aims to provide a long-term framework within which all of the peatlands within the State can be managed responsibly in order to optimise their social, environmental and economic contribution to the well-being of this and future generations.	Objectives of the Strategy include: <ul style="list-style-type: none"> To give direction to Ireland's approach to peatland management. To apply to all peatlands, including peat soils. To ensure that the relevant State authorities and state owned companies that influence such decisions contribute to meeting cross-cutting objectives and obligations in their policies and actions. To ensure that Ireland's peatlands are sustainably managed so that their benefits can be enjoyed responsibly. To inform appropriate regulatory systems to facilitate good decision making in support of responsible use 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Flood Risk Management Plans arising from National Catchment Flood Risk Assessment and Management Programme	The national Catchment Flood Risk Assessment and Management (CFRAM) programme commenced in Ireland in 2011 and is being overseen by the Office of Public Works. The CFRAM Programme is intended to deliver on core components of the National Flood Policy, adopted in 2004, and on the requirements of the EU Floods Directive.	CFRAM Studies have been undertaken for all River Basin Districts. The studies are focusing on areas known to have experienced flooding in the past and areas that may be subject to flooding in the future either due to development pressures or climate change. Flood Risk and Hazard mapping, including Flood Extent Mapping, was finalised in 2017. The final outputs from the studies are the CFRAM Plans, finalised in 2018. The Plans define the current and future flood risk in the River Basin Districts and set out how this risk can be managed.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Draft National Bioenergy Plan 2014 - 2020	The Draft Bioenergy Plan sets out a vision as follows: Bioenergy resources contributing to economic development and sustainable growth, generating jobs for citizens, supported by coherent policy, planning and regulation, and managed in an integrated manner.	Three high level goals, of equal importance, based on the concept of sustainable development are identified: <ul style="list-style-type: none"> To harness the market opportunities presented by bioenergy in order to achieve economic development, growth and jobs. To increase awareness of the value, opportunities and societal benefits of developing bioenergy. To ensure that bioenergy developments do not adversely impact the environment and its living and non-living resources. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Draft Renewable Electricity Policy and Development Framework (DCCAE) 2016	Goal: To optimise the opportunities in Ireland for renewable electricity development on land at significant scale, to serve both the All Island Single Electricity Market and any future regional market within the European Union, in accordance with European and Irish law, including Directive 2009/28/EC: On the promotion of the use of energy from renewable resources.	Objective: To develop a Policy and Development Framework for renewable electricity generation on land to serve both the All Island Single Electricity Market and any future regional market within the European Union, with particular focus on large scale projects for indigenous renewable electricity generation. This will, inter alia, provide guidance for planning authorities and An Bord Pleanála.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Alternative Fuels Infrastructure for the Transport Sector (DTTAS) 2017- 2030	This Framework sets targets to achieve an appropriate level of alternative fuels infrastructure for transport, which is relative to national policy and Irish market needs. Non-infrastructure-based incentives to support the use of the infrastructure and the uptake of alternative fuels are also included within the scope of the Framework.	Targets for alternative fuel infrastructure include the following: <ul style="list-style-type: none"> AFV forecasts Electricity targets Natural gas (CNG, LNG) targets Hydrogen targets Biofuels targets 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation

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		<ul style="list-style-type: none"> LPG targets Synthetic and paraffinic fuels targets 	and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
All Ireland Pollinator Plan 2015-2020 and 2021-2025 (in preparation)	<p>The All-Ireland Pollinator Plan is an island-wide attempt to reverse declines in pollinating insects in order to ensure the sustainability of our food, avoid additional economic impacts on agriculture, and protect the health of the environment.</p> <p>The main objectives include:</p> <ul style="list-style-type: none"> Making farmland, public land and private land in Ireland pollinator friendly; Raising awareness of pollinators and how to protect them; Managed pollinators – supporting beekeepers and growers; Expanding our knowledge of pollinators and pollination service; and Collecting evidence to track change and measure success. 	This voluntary Plan identified 81 actions, shared out between over 100 governmental and non-governmental organisations. A large focus of the Plan is to identify actions to improve the quality and amount of flower-rich habitat. Actions range from creating pollinator highways along our transport routes, to supporting pollinators on farmland, in gardens, businesses, and on public land.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Food Wise 2025 (DAFM)	Food Wise 2025 sets out a ten-year plan for the agri-food sector. It underlines the sector's unique and special position within the Irish economy, and it illustrates the potential which exists for this sector to grow even further.	<p>Food Wise 2025 identifies ambitious and challenging growth projections for the industry over the next ten years including:</p> <ul style="list-style-type: none"> 85% increase in exports to €19 billion. 70% increase in value added to €13 billion. 60% increase in primary production to €10 billion. The creation of 23,000 additional jobs all along the supply chain from producer level to high end value added product development. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Cycle Network Scoping Study 2010	<ul style="list-style-type: none"> Outlines objectives and actions aimed at developing a strong cycle network in Ireland Sets out 19 specific objectives, and details the 109 actions, aimed at ensuring that a cycling culture is developed 	<ul style="list-style-type: none"> Sets a target where 10% of all journeys will be made by bike by 2020 Proposes the planning, infrastructure, communication, education and stakeholder participations measures required to implement the initiative 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
National Policy Framework for Alternative Fuels Infrastructure for Transport in Ireland 2017 to 2030	<ul style="list-style-type: none"> This National Policy Framework on Alternative Fuels Infrastructure for Transport represents the first step in communicating our longer-term national vision for decarbonising transport by 2050, the cornerstone of which is our ambition that by 2030 all new cars and vans sold in Ireland will be zero-emissions capable. By 2030 it is envisaged that the movement in Ireland to electrically-fuelled cars and commuter rail will be well underway, with natural gas and biofuels developing as major alternatives in the freight and bus sectors. 	<p>This policy set out to achieve five key goals in transport:</p> <ul style="list-style-type: none"> Reduce overall travel demand Maximise the efficiency of the transport network Reduce reliance on fossil fuels Reduce transport emissions Improve accessibility to transport <p>These goals remain the cornerstone of transport policy and are fully aligned to the objectives of this National Policy Framework.</p>	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Tourism Action Plan 2019-2021	The Tourism Action Plan 2019-2021 sets out actions that the Tourism Leadership Group has identified as priorities to be progressed until 2021 in order to maintain sustainable growth in overseas tourism revenue and employment. Each action involves specific tourism stakeholders, both in the public and private sectors, all of whom we expect to proactively work towards the completion of actions within the specified timeframe.	<p>The Plan contains 27 actions focusing on the following areas:</p> <ul style="list-style-type: none"> Policy Context Marketing Ireland as a Visitor Destination Enhancing the Visitor Experience Research in the Irish Tourism Sector Supporting Local Communities in Tourism Wider Government Policy International Context Co-ordination Structures 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.

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Tourism Policy Statement: People, Place and Policy – Growing Tourism to 2025	The main goal of this policy statement is to have a vibrant, attractive tourism sector that makes a significant contribution to employment across the country; is economically, socially and environmentally sustainable; helps promote a positive image of Ireland overseas, and is a sector in which people want to work.	The Tourism Policy Statement sets three headline targets to be achieved by 2025: <ul style="list-style-type: none"> • Overseas tourism revenue of €5 billion per year • net of inflation excluding carrier receipts; • 250,000 people employed in tourism; and • 10 million overseas visitors to Ireland per year. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Regional/ County/Local Level			
Southern Regional Spatial and Economic Strategy 2019-2031	The Regional Spatial and Economic Strategies provide a long-term regional level strategic planning and economic framework in support of the implementation of the National Planning Framework.	The Southern Regional Spatial and Economic Strategy includes provisions for its 10 constituent local authorities: Cork City Council; Cork County Council; Clare County Council; Kerry County Council; Limerick City and County Council; Tipperary County Council; Waterford County Council; Carlow County Council; Kilkenny County Council; and Wexford County Council.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Integrated Implementation Plan 2019-2024	The priorities in the Integrated Infrastructure Plan align with the objectives and priorities set out in the Greater Dublin Transport Strategy 2016-2035, focused on improving public and sustainable transport. While the bulk of the Plan relates solely to the Greater Dublin Area, certain areas such as public transport services and activities related to small public service vehicles are dealt with on a national basis.	The Implementation Plan identifies investment proposals for a number of areas including: <ul style="list-style-type: none"> • Bus; • Light Rail; • Heavy Rai; • Integration Measures and Sustainable Transport Investment; • Integrated Service Plan; and • Integration and Accessibility. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
NPWS Conservation Plans and/or Conservation Objectives for SACs and SPAs	Management planning for nature conservation sites has a number of aims. These include: <ul style="list-style-type: none"> • To identify and evaluate the features of interest for a site • To set clear objectives for the conservation of the features of interest • To describe the site and its management • To identify issues (both positive and negative) that might influence the site • To set out appropriate strategies/management actions to achieve the objectives 	<ul style="list-style-type: none"> • Conservation objectives for SACs and SPAs (i.e. sites within the Natura 2000 network) have to be set for the habitats and species for which the sites are selected. • These objectives are used when carrying out appropriate assessments for plans and projects that might impact on these sites. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Groundwater Protection Schemes	A Groundwater Protection Scheme provides guidelines for the planning and licensing authorities in carrying out their functions, and a framework to assist in decision-making on the location, nature and control of developments and activities in order to protect groundwater.	A Groundwater Protection Scheme aims to maintain the quantity and quality of groundwater, and in some cases improve it, by applying a risk assessment-based approach to groundwater protection and sustainable development.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Local Economic and Community Plans (LECP)	The overarching vision for each LECP is: <i>“to promote the well-being and quality of life of citizens and communities”</i>	The purpose of the LECP, as provided for in the Local Government Reform Act 2014, is to set out, for a six-year period, the objectives and actions needed to promote and support the economic development and the local and community development of the relevant local authority area, both by itself directly and in partnership with other economic and community development stakeholders.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives

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Land Use Plans, including Development Plans in force within the area to which the Plan relates: such as Kerry County Development Plan 2015-2021, the emerging Kerry County Development Plan 2022-2028 and Killarney Municipal District LAP 2018-2024	<ul style="list-style-type: none"> Outline planning objectives for land use development (including transport objectives). Strategic framework for planning and sustainable development including those set out in National Planning Framework and Regional Economic and Spatial Strategies. Set out the policies and proposals to guide development in the specific Local Authority area. 	<ul style="list-style-type: none"> Identify future infrastructure, development and zoning required. Protect and enhances amenities and environment. Guide planning authority in assessing proposals. Aim to guide development in the area and the amount of nature of the planned development. Aim to promote sustainable development. Provide for economic development and protect natural environmental, heritage. 	<p>of the regulatory framework for environmental protection and management.</p> <p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Green Infrastructure Plans/Strategies	<ul style="list-style-type: none"> Promotes the maintenance and improvement of green infrastructure in an area. Aims to protect and enhance biodiversity and habitats. 	not applicable	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
County Kerry Tourism Strategy and Action Plan 2016 – 2022	<p>Protect and enhance Kerry's natural environment, built, cultural and linguistic heritage.</p> <ul style="list-style-type: none"> Ensure the continued success of the Tourism Sector for the county. Organise relevant regular research to facilitate the development of sustainable, successful new tourism projects, throughout the county. Provide a world class experience for the visitor. Lead to further collaboration between state agencies, product providers and local communities. Embrace new up-to-date technologies for both the visitor and research purposes. 	<p>The Strategic Priorities and Overall Objectives will be achieved through the implementation of the 273 individual actions which have been identified through an in-depth consultation process with the public, state agencies and the tourism stakeholders.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Landscape Character Assessments, including those prepared by Kerry County Council and Local Authorities in adjoining counties	<p>Characterises the geographical dimension of the landscape.</p>	<ul style="list-style-type: none"> Identify the quality, value, sensitivity and capacity of the landscape area. Guide strategies and guidelines for the future development of the landscape. 	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Southern Region Waste Management Plan 2015-2021	<p>The plan gives effect to national and EU waste policy, and address waste prevention and management (including generation, collection and treatment) over the period 2015-2021.</p>	<p>To manage wastes in a safe and compliant manner, a clear strategy, policies and actions are required.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.</p>
Kerry County Council Noise Action Plan 2019-2024	<p>The Noise Action Plans are prepared in accordance with the requirements of the Environmental Noise Regulations 2006, Statutory Instrument 140 of 2006. These Regulations give effect to the EU Directive 2002/49/EC relating to the assessment and management of environmental noise. This Directive sets out a process for managing environmental noise in a consistent manner across the EU and the Noise Regulations set out the approach to meeting the requirements of the Directive in Ireland.</p>	<p>The purpose of this Action Plan is to endeavour to manage the existing noise environment and protect the future noise environment within the action planning area. Management of the existing noise environment may be achieved by prioritising areas for which further assessment and possible noise mitigation may be required. Protection of the future noise environment may be achieved by acoustical planning, which further incorporates noise into the planning process via measures such as land-use planning, development planning, sound insulation measures, traffic planning and control of environmental noise sources.</p>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and</p>

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Kerry County Council Climate Change Adaption Strategy 2019-2024	Climate Change Adaptation Strategies represent a proactive step by Local Authorities in the process of adaptation planning to build resilience and respond effectively to the threats posed by climate change.	The Climate Change Adaptation Strategies takes on the role as the primary instrument at local level to: <ul style="list-style-type: none"> • Ensure a proper comprehension of the key risks and vulnerabilities of climate change; • Bring forward the implementation of climate resilient actions in a planned and proactive manner; and • Ensure that climate adaptation considerations are mainstreamed into all plans and policies and integrated into all operations and functions of County Council. 	their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management. Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
“Experiencing the Wild Heart of Ireland” - A Tourism Interpretative Masterplan for Ireland’s National Parks 2018 (NPWS)	It sets out a framework that will guide the phased development of enhanced visitor centre experiences and improved visitor facilities at Ireland’s National Parks and Reserves, based on research into international best practice.	The features of the plan include: <ul style="list-style-type: none"> • Capturing the special and unique stories of each National Park and Nature Reserve and bringing them to life for visitors • Leverage the collective value of the National Parks, particularly those along the Wild Atlantic Way, where five of the six parks are located, and increasing their appeal to visitors. • Using international best practice to improve the visitor experience in the National Parks’ Visitor Centres. 	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Fáilte Ireland plans, strategies etc. relating to the Wild Atlantic Way or other brands or initiatives, including the Wild Atlantic Way Operational Programme	Fáilte Ireland’s work includes preparing various plans and strategies for the Wild Atlantic Way and other brands and initiatives. These plans are subject to their own environmental assessment processes and any project arising is required to be consistent with and conform with the provisions of all adopted/approved Statutory Policies, Strategies, Plans and Programmes, including provisions for the protection and management of the environment. The vision for the Wild Atlantic Way brand is: To create a world class, sustainable and unmissable experience brand that engages and energises the visitor so that they become powerful advocates and leaves them wanting to return for more.	Some of Fáilte Ireland’s plans and strategies include various projects relating to land use and infrastructural development, including those relating to development of land on land and the carrying out of land use activities. Many of these projects exist already while some are not currently in existence. The Statutory Policies, Strategies, Plans and Programmes that provide for different projects undergo a variety of environmental assessments. These assessments ensure that environmental effects are considered, including: those arising from new and intensified uses and activities; and those arising from various sectors such as tourism.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
Any other plans and projects, or associated proposals	Various other plans and projects which are subject to their own environmental assessment processes and any project arising is required to be consistent with and conform with the provisions of all adopted/approved Statutory Policies, Strategies, Plans and Programmes, including provisions for the protection and management of the environment	Many of these projects exist already while some are not currently in existence. The Statutory Policies, Strategies, Plans and Programmes that provide for different projects undergo a variety of environmental assessments. These assessments ensure that environmental effects are considered, including: those arising from new and intensified uses and activities; and those arising from various sectors such as tourism.	Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in combination with others, potential in-combination effects (see Section 7.3) may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in combination with other users and bodies and their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.