SEA STATEMENT

FOR THE

DUBLIN DOCKLANDS VISITOR EXPERIENCE DEVELOPMENT PLAN

STRATEGIC ENVIRONMENTAL ASSESSMENT

for: Fáilte Ireland

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Section 1 Introduction

1.1 Introduction and Legislative Context

This is the Strategic Environmental Assessment (SEA) Statement for the Dublin Docklands Visitor Experience Development Plan.

SEA is a systematic process of predicting and evaluating the likely environmental effects of implementing a plan, or other strategic action, in order to ensure that these effects are appropriately addressed at the earliest appropriate stage of decision-making on a par with economic and social considerations.

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 that 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 (SI No. 435 of 2004) and the Planning and Development (Strategic Environmental Assessment) Regulations 2004 (SI No. 436 of 2004). Both sets of Regulations became operational on 21st July 2004. The Regulations have been amended by the Communities European (Environmental Assessment of Certain Plans and Programmes) (Amendment) Regulations 2011 (SI No. 200 of 2011) and the Planning and Development (Strategic Environmental Assessment) (Amendment) Regulations 2011 (SI No. 201 of 2011).

1.2 Content of the SEA Statement

Where SEA is undertaken, the Regulations require that "information on the decision" is made available to the public and the competent environmental authorities after the finalisation of the Plan (referred to as an SEA Statement).

The SEA Statement is required to include information summarising:

- a) how environmental considerations have been integrated into the Plan;
- b) how the following have been taken into account during the preparation of the
 - the environmental report,
 - submissions and observations made on the Draft Plan and Environmental Report, and
 - any transboundary consultations.
- the reasons for choosing the Plan in the light of the other reasonable alternatives dealt with; and
- d) the measures decided upon to monitor the significant environmental effects of implementation of the Plan.

1.3 Implications of SEA for the Plan

SEA has been undertaken on the Plan and the findings of the SEA are expressed in an Environmental Report, the first published version of which accompanied the Draft Plan on public display. The Environmental Report was updated 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 have taken into account the findings of the SEA Environmental Report and other related SEA output during their consideration of the Draft Plan and before its adoption. This SEA Statement, summarising how environmental considerations have been integrated into the Plan, has been prepared at the end of the process.

Section 2 How Environmental Considerations were integrated into the Plan

2.1 Introduction

Environmental considerations were integrated into the Plan through:

- Establishing the status of the Plan and its interrelationship with the Statutory Decision-Making and Consent-Granting Framework;
- 2. Consultations;
- 3. Consideration of alternatives;
- 4. Communication of environmental sensitivities throughout the SEA process;
- 5. Integrating Requirements for Environmental Protection and Management into the Plan.

2.2 Establishing the status of the Plan and its interrelationship with the Statutory Decision-Making and Consent-Granting Framework

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 VEDP 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 VEDP does not provide consent, establish a framework for granting consent or contribute towards a framework for granting consent.

The VEDP 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 Eastern and Midlands RSES sets out objectives relating tourism development that have been subject to environmental assessment. The RSES 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 VEDP shall be consistent with and conform with the NPF, RSES and lower-tier land use plans, including provisions development, sustainable relating to 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 VEDP (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 for lower-tier requirements Appropriate Assessment, Environmental Impact Assessment and other licencing requirements as appropriate) that form the statutory decision-making and consent-granting framework, of which the VEDP is not part and does not contribute towards.

Figure 2.1 provides a schematic of the relationship between Visitor Experience Development Plans and the existing Statutory Decision-Making and Consent-Granting Framework. Also indicated is the hierarchy of accompanying environmental assessment in force.

2.3 Consultations

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

Further detail on submissions made on foot of the SEA scoping notice is provided under Section 3.2.

Furthermore, submissions were made on the Draft Plan and SEA Environmental Report while they were on public display and these resulted in updates being made to the SEA documents (see Section 3.3).

2.4 Consideration of alternatives

As part of the Plan-preparation/SEA process, Fáilte Ireland considered three alternatives for the Plan. Taking into account, inter alia, the environmental effects identified by the SEA, Fáilte Ireland proceeded with one of the alternatives (see Section 4 of this SEA Statement).

2.5 Communication of environmental sensitivities throughout the SEA process

2.5.1 Individual Environmental Sensitivities

Environmental considerations were integrated into the Draft Plan before it was placed on public display. Individual sensitivities which were mapped by the SEA and considered by the Team preparing the Plan included the following:

- European Sites
- Other Ecological Designations
- WFD Surface Water Status
- Groundwater Vulnerability
- WFD Register of Protected Areas
- Land Cover Mapping

- Infrastructure Capacity
- Green Infrastructure and Ecosystem Services
- Archaeological and Architectural Heritage
- Landscape Designations

2.5.2 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.

2.6 Integrating Requirements for Environmental Protection and Management into the Plan¹

The SEA and AA team worked with the Planpreparation 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

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 $^{^{\}rm 1}$ These requirements include those that have arisen through the SEA and/or AA processes.

required to demonstrate compliance² 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 VEDP (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 framework³, of which the VEDP 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;
- The Dublin City Development Plan 2016-2022 (as varied), the George's Quay Local Area Plan 2012 (as extended), the North Lotts and Grand Canal Dock SDZ Planning Scheme 2014 and the Poolbeg West SDZ Planning Scheme 2019, including various provisions relating to sustainable development, environmental protection and environmental management; and
- The Climate Action Plan 2019, the National Climate Change Adaptation Framework (2018 and any subsequent versions), the National Mitigation Plan (2017 and any subsequent versions) and the Dublin City Council Climate Change Action Plan 2019-2024.

Infrastructure Capacity⁴

With respect to infrastructural capacity (including drinking water, wastewater, waste and transport), the potential impact on existing infrastructure 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 Management⁵

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 ensuring that new projects are a suitable distance from ecological sensitivities.

Extensive research by Fáilte Ireland has shown improved environmental outcomes (including improved attainment of conservation objectives) in areas with visitor management strategies. 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 Services⁶

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.

² Demonstration of compliance may be supported by monitoring undertaken by the beneficiary.

³ This framework includes various environmental requirements.

 $^{^{\}rm 4}$ This requirement has arisen through the SEA and/or AA processes.

⁵ This requirement has arisen through the SEA and/or AA processes.

⁶ This requirement has arisen through the SEA and/or AA processes.

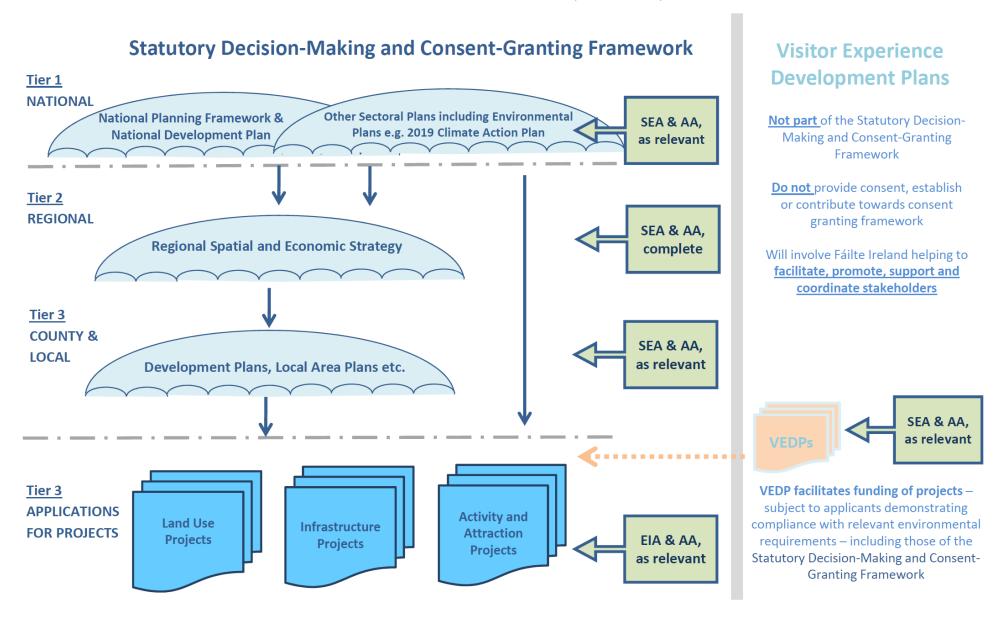


Figure 2.1 Statutory Decision-Making and Consent-Granting Framework, VEDPs and Environmental Assessment Requirements

Section 3 Environmental Report and Submissions/Observations

3.1 Introduction

This section details how both the Environmental Report and submissions and observations made to Fáilte Ireland on the Environmental Report and SEA process have been taken into account during the preparation of the Plan and the SEA.

3.2 SEA Scoping Submissions

Submissions from the following environmental authorities were made during the SEA Scoping process: Environmental Protection Agency; Department of Agriculture, Food and Marine; and Department of Communication, Climate Action and Environment.

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

Responses to these submissions and how they have been taken into account during preparation of the SEA is provided at Appendix I "SEA Scoping Submissions and Responses" to this SEA Statement.

3.3 Submissions on the Environmental Report and Draft Plan

Various submissions were made on the Draft Plan and/or associated environmental assessment documents while these documents were on public display.

Updates to the SEA and AA documents did not materially change the Plan and consequently did not necessitate further, detailed SEA consideration.

Updates to the Draft Dublin Docklands Visitor Experience Plan did not provide for any uses, works or activities and were not considered to be material. Consequently, they did not require further, detailed SEA or AA consideration.

Updates made to the Plan on foot of submissions include the following:

- To integrate the following text into the Guiding Principles identified in the Plan: "Principles of responsible tourism development are embedded in each action, creating better places to live in and to visit. This will reflect the need for all projects arising from the Plan to be environmentally sustainable and to fully integrate environmental protection considerations."
- Plan Section 5.3 has been updated to, among other things, reflect further the findings and outcomes of the SEA process
- The SEA monitoring programme has been integrated into the Plan as an appendix.
- The following text has been added to the Plan's Executive Summary: "The overarching objective of the DVEDP is to sustainably increase the economic benefit of tourism to the area while responding to sensitivities and requirements of the wider cultural and natural heritage of the plan area."

The SEA Environmental Report was updated by including reference to subsection 7.3 "Cumulative Effects" in Section 10 and by adding the following text to Section 4:

"A submission from the National Parks and Wildlife Service provided information on ecological sensitivities within the Docklands area:

- Bats use this area for foraging, despite extensive development and the sensitivity of bats to artificial lighting. Measures integrated into the Plan and the wider statutory planning/consent-granting framework will ensure that this sensitivity to lighting is taken into account in considering future proposals.
- Otters have been reported within and adjacent to the Plan area previously, including at the Grand Canal Basin. Measures integrated into the Plan and the wider statutory planning/consent-granting framework will ensure that species, including any otters that might be present, are taken into account in considering future proposals.
- Black guillemots, nests in the walls of Custom House Quay downstream of Sean O'Casey Bridge, near the Pigeon House Harbour and probably elsewhere.

A detached section of the South Dublin Bay and Tolka River Estuary SPA Tern Platform located in the Liffey channel off the Poolbeg peninsula and within the area covered by the Plan. This platform is utilised for nesting by several hundred pairs of common (mainly) and Arctic terns each year, both species included among the bird species of Special Conservation Interest for which this SPA has been designated. Smaller numbers of these tern species in addition nest on the Coal Delivery Ltd. Dolphin, a proposed Natural Heritage Area, also situated off Poolbeg. Several pairs of common terns nest as well annually on the bastion between the locks

connecting the Grand Canal Basin with the Liffey-Dodder confluence."

The AA Natura Impact Statement was updated to include the following text:

"A detached section of the South Dublin Bay and Tolka River Estuary SPA Tern Platform located in the Liffey channel off the Poolbeg peninsula and within the area covered by the Plan as delineated in the indicative map at Figure 2.1. This platform is utilised for nesting by several hundred pairs of common (mainly) and Arctic terns each year, both species included among the bird species of Special Conservation Interest for which this SPA has been designated. Smaller numbers of these tern species in addition nest on the Coal Delivery Ltd. Dolphin, a proposed Natural Heritage Area, also situated off Poolbeg. Several pairs of common terns nest as well annually on the bastion between the locks connecting the Grand Canal Basin with the Liffey-Dodder confluence."

3.4 SEA documents including the SEA Environmental Report

The Draft Plan and accompanying documents (including SEA Environmental Report and AA Natura Impact Statement) were placed on public display, having integrated all recommendations arising from the SEA and AA processes.

The SEA Environmental Report was updated in order to take account of non-material changes to the Draft Plan that were made on foot of submissions.

Fáilte Ireland have taken into account the findings of all relevant SEA output during their consideration of the Draft Plan and before the Plan was adopted.

Section 4 Reasons for choosing the selected alternative in light of other alternatives considered

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

4.1 Description of Alternatives

Current Situation (Alternative 1: Business as Usual)

Dublin welcomed 7.7 million tourists in 2018 and received €2,395 million in tourist spend during the same period. Tourism brings huge benefits to Dublin city and the wider county; however, it is acknowledged that currently most of the tourist activity is concentrated in the epicentre of the city.

With respect to the current situation, Fáilte Ireland's research has identified that:

- The existing experience supply side conditions within the Docklands do not reflect the capacity of the area to deliver new experiences that will increase dwell time within the area. New experience development and expansion of existing experiences is required to provide a wider range of opportunities for the visitor to engage with the destination.
- The focus of local hospitality businesses is largely on the local business market without recognising the value of tourism growth to extend their business reach into the evening economy and weekend business.
- The destination is home to great expanses of water with low levels of engagement to animate and bring the 'waters alive'.
- There is a lack of a common unifying theme for the Docklands with most international visitors unaware that they are visiting a Docklands destination
- The evening economy represents a major challenge, despite two of the country's largest entertainment venues located within the Docklands. The current level of provision in the evening time is limited and restricts the ability of the area to retain visitors in the locality for sustained periods of time. Equally, the weekend economy poses similar challenges to address.
- A product imbalance exists between both sides of the destination defined by the areas on either side of the River Liffey

This current situation presents **Alternative 1 (Business as Usual)** to be considered by the SEA. Numbers of visitors would continue to increase under this scenario – consistent with the development of tourism over many decades. However, because of the constraints and challenges of the current situation listed above, the full and sustainable tourism potential of the Docklands would not be achieved.

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

The constraints and challenges posed by the current situation (see Alternative 1 above) establish a potential need for a plan that seeks to sustainably increase the economic benefit of tourism to the 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 planning framework) would include:

Recognition, in pursuing a sustainable tourism agenda by Fáilte Ireland, of the importance of constantly developing
and expanding the Dublin tourism product to host and welcome tourists with a world class destination offering,
helping to ensure that both visitors and locals continue to thrive and enjoy the city together.

- An enhanced visitor proposition with the objective of increasing visitor flow into the Docklands.
- The unlocking of economic growth potential of the Docklands by developing existing products and creating new experiences that would motivate tourists to visit and stay longer.
- Reference to the huge amount of development already underway in the Docklands and an aim to help harness the potential of this development.

It would deliver a collective vision for the area and deliver a unified destination proposition that will attract more visitors.

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.

4.2 Summary of Evaluation of Alternatives

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.

Tourism related development would continue to be planned for and consented through the existing statutory planning and consent framework. Potential adverse effects would continue 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. However, because of the constraints and challenges

of the current situation listed above, the full and sustainable tourism potential of the Docklands would not be achieved.

Under this alternative, there would be no additional visitor management or additional requirements for environmental protection and management as a result of a Plan.

Contributions towards in an increase in travel related greenhouse gas and other emissions to air, including from aviation, would not occur as a result of seeking 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 public transport, cycling, walking and further requirements to comply with climate adaptation and management plans/strategies would not be provided for.

There would be one layer of mitigation under Alternative, 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, which are provided under all alternatives 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 would continue be mitigated through that process.

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 in 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 and by provisions that have been integrated into the Plan, including those relating to public transport, cycling, walking and compliance with the Climate Action Plan 2019, the National Climate Change Adaptation Framework (2018 and any subsequent versions) and the National Mitigation Plan (2017 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

Certain measures relating to sustainable development, environmental management and environmental protection are provided under all alternatives.

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

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 in 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.

Table 4.1 below provides a comparative evaluation of alternatives against Strategic Environmental Objectives (SEOs)⁷.

Table 4.1 Comparative Evaluation of Alternatives against SEOs

	Likely to Improve status of SEOs		<u>Potential Conflict</u> with status of SEOs - likely to be mitigated by complying with other measures included within the Plan			Probable Conflict with status of SEOs
	to a <u>Greater</u> degree	to a <u>Lesser</u> degree	to a <u>Lesser</u> degree	to a <u>Moderate</u> degree	to a <u>Greater</u> degree	unlikely to be fully mitigated
Alternative 1: Business as Usual		√	✓			
Alternative 2A: A Plan with Additional Requirements for Environmental Protection and Management	√			✓		
Alternative 2B: A Plan without Additional Requirements for Environmental Protection and Management		√			✓	

4.3 Reasons for choosing the selected alternative in light of other alternatives considered

Taking into account the environmental effects detailed above and the challenges and opportunities present to achieve the full and sustainable potential of the Docklands for tourism, Fáilte Ireland have proceeded with Alternative 2A "A Plan with Additional Requirements for Environmental Protection and Management".

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⁷ 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.

Section 5 Monitoring Measures

5.1 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 negative positive and ones (including effects). Monitoring cumulative 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.

5.2 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 the SEA Environmental Report 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 5.1 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.

5.3 Sources

Confirmation of compliance with relevant environmental measures integrated into the Plan 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:

- Sources maintained by Dublin City 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.

5.4 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), publication of these reports and, if necessary, the carrying out of corrective action, in combination with the relevant authorities. Environmental monitoring for the VEDP and other existing/future Failte 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 5.1 Selected Indicators, Targets and Monitoring Sources

Environmental	Indicators	Targets	Source and (where available) Frequency
Component			
Biodiversity, Flora and Fauna	B1: Conservation status of habitats and species as assessed under Article 17 of the Habitats Directive B2: Percentage loss of functional connectivity without remediation resulting from Plan B3i: Number of significant impacts on	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 ⁸ B2: No significant ecological networks or parts thereof which provide functional connectivity to be lost without remediation resulting from the Plan B3i: Avoid significant impacts on relevant	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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) Department of Culture, Heritage and the Gaeltacht report of the implementation of the measures contained in the Habitats Directive - as required by Article 17 of the Directive (every 6 years) Department of Culture, Heritage and the Gaeltacht's National Monitoring Report
	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	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	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
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	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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 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%."	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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

⁸ 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.

CAAS for Fáilte Ireland

Environmental Component	Indicators	Targets	Source and (where available) Frequency
Water	W1i: Classification of Overall Status (comprised of ecological and chemical status) under the European Communities Environmental Objectives (Surface Waters) Regulations 2009 (SI No. 272 of 2009) W1ii: Mandatory and Guide values as set by the EU Bathing Water Directive and transposing Bathing Water Quality Regulations (SI No. 79 of 2008) W2: Interactions with Groundwater Quality Standards and Threshold Values under Directive 2006/118/EC resulting from development adhering to the Plan	Mandatory values and, where possible, Guide values as a result of 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	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" Lower tier environmental assessment and decision making by local authorities Data issued under the Water Framework Directive Monitoring Programme for Ireland (multi-annual) EPA The Quality of Bathing Water in Ireland reports 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
	W3: Compliance of relevant lower tier assessments and decision making with the Flood Risk Management Guidelines	WFD W3: For lower tier assessments and decision making to comply with the Flood Risk Management Guidelines	
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	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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 new developments granted permission that can be adequately and appropriately served with waste water treatment over the lifetime of the Plan M2: Number of significant adverse effects on the use of or access to public assets and infrastructure M3: Preparation and implementation of construction and environmental management plans	M1: All new developments granted permission to be connected to and adequately and appropriately served by waste water treatment over the lifetime of the Plane M2: No significant adverse effects on the use of or access to public assets and infrastructure M3: For construction and environmental management plans to be prepared and implemented for relevant projects	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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 Dublin City Council Input from any other existing or replacement Fáilte Ireland monitoring programmes

SEA Statement for the Dublin Docklands Visitor Experience Development Plan

Environmental Component	Indicators	Targets	Source and (where available) Frequency
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	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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, Architectural Conservation Areas and 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	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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
Landscape	L1: Number of unmitigated conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in land use plans of Dublin City Council	L1: No unmitigated conflicts with the appropriate protection of statutory designations relating to the landscape, including those included in land use plans of Dublin City Council	 Documentation demonstrating compliance with "Requirements for Environmental Protection and Management" 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 Scoping Submissions and Responses

SEA Scoping submissions received from the following environmental authorities are responded to below: Environmental Protection Agency; Department of Agriculture, Food and Marine; and Department of Communication, Climate Action and Environment.

No.	Submission Text	SEA Response
	ssion from the Environmental Protection Agency	-
1	The EPA is one of five statutory environmental authorities under the SEA Regulations. In our role as an SEA environmental authority, we focus on promoting the full and transparent integration of the findings of the Environmental Assessment into the Plan and advocating that the key environmental challenges for Ireland are addressed as relevant and appropriate to the Plan.	Noted.
2	Our submission includes comments and recommendations to consider in undertaking the SEA and preparing the Plan. Our comments focus in particular on the EPA's remit and areas of expertise including water, air, climate change waste and noise aspects. In the context of the limited information provided to date on the scope and detail of the Plan, we may provide further comments at the next stage of the SEA process.	Noted.
3	We also attach our 'SEA of Local Authority Land Use Plans – EPA Recommendations and Resources' which sets out our key recommendations for integrating environmental considerations into Local Authority land use Plans. Given that the broad principles and many of the issues addressed in this document also apply to tourism, we recommend that you take this guidance document into account, where relevant and appropriate, in preparing the Plan and undertaking the SEA.	Noted. This document has been considered in the preparation of this SEA Scoping Report and will be kept on file for reference throughout the SEA process, as relevant and appropriate to the Plan.
4	Specific Comments on the Plan Infrastructure Related Considerations The SEA should assess the potential additional pressures (including seasonal variations) on existing critical infrastructure (drinking water, wastewater, waste, transport) servicing areas associated with any projected increased visitor numbers. An increase in visitor numbers may have the potential to result in pressures on both surface waters and groundwaters due to increased demands on water supply and increased loadings to existing waste water treatment facilities. Should there be a need to construct additional ancillary developments, this should also be captured in the SEA. This would provide a better indication of the nature and possible scale of impacts that could be expected.	Noted. The SEA will consider implications of the potential additional pressures on existing critical infrastructure. The SEA will also consider effects arising from the construction of any ancillary developments.
5	Transport The SEA should assess, and in turn seek to avoid, reduce and mitigate where necessary, the potential environmental effects of a likely increase in tourism-related traffic volumes along any routes resulting from implementation of the Plan. The need for additional parking during peak season and any required road improvements / road maintenance associated with increased traffic volumes, should be assessed in collaboration with the relevant stakeholders. Possible alternative traffic management scenarios should also be considered. The Plan should promote proper and sustainable tourism related developments and ensure that the requirements of relevant environmental legislation are reflected, as relevant and appropriate, in any plans/projects that may arise in implementing the Plan. The provision of charging infrastructure for electric vehicles in designated parking spots should be prioritised, in collaboration with the relevant stakeholders. It would be useful to describe the range of works likely to be involved in implementing the Plan, including aspects such as the provision of signage, discovery point information (e.g. installation of interpretative panels) etc.	The SEA process will assess and in turn seek to avoid, reduce and mitigate where necessary, the potential environmental effects of any increase in tourism-related traffic volumes along any routes resulting from implementation of the Plan.
6	Climate Change Resilience You should ensure that the Plan is aligned with national commitments on climate change mitigation and adaptation, as well as relevant sectoral, regional and local adaptation and mitigation plans. Specific climate-related actions or objectives should be included in a specific chapter/section in the Plan. The SEA should consider how resilient the various elements of the Plan (and associated infrastructure) are to the effects of climate change, including impacts arising from prolonged dry / wet spells, increased storm conditions, flooding, soil erosion etc. The EPA has published Local Authority Adaptation Guideline Research Report 164 (EPA, 2016), and guidance on the Integration of Climate Change into SEA is also available at http://www.epa.ie/pubs/advice/ea/. DCCAE climate adaptation guidance is also available at: https://dccae.gov.ie/en-ie/climate-action/publications/Pages/Sectoral-Planning-Guidelines-for-Climate-Change-Adaptation.aspx The Plan should include clear actions/measures which will contribute to the sector reducing its overall carbon footprint. Consideration could be given to the development of relevant initiatives to achieve this within the Plan.	Noted. The SEA will seek to ensure that the Plan contributes towards climate mitigation and adaptation.
7	Biodiversity The Plan should include a specific action / objectives and commitments to protect designated habitats and protected species (and associated ecological corridors/linkages) within and adjacent to the Plan area. In 2012, the EPA published guidance on Integrated Biodiversity Impact Assessment - Streamlining AA, SEA and EIA Processes. Best Practice Guidance. The aim is to inform practitioners, plan / project proponents and consent authorities on integrating SEA, EIA and AA processes and requirements to streamline biodiversity considerations. This may be useful to consider in preparing the Plan and SEA.	Provisions contributing towards the protection of European Sites, habitats and species will be integrated into the Plan. The cited guidance has been considered in the preparation of the SEA Scoping Report and will be considered throughout the SEA process.
8	Ecosystem Services & Green Infrastructure There is merit in considering adopting an ecosystem services approach to the relevant aspects of the SEA. The Plan area supports a significant ecological resource, with associated ecosystem services, that can benefit local communities and the local economy, while also protecting environmental sensitivities and vulnerabilities. The Plan should include a section that recognises the ecosystem services in the Plan area. The Plan should consider a commitment to mapping the services within the key destination sites and associated catchment zones/usage areas within and in the zone of influence of the destination areas/sites. In implementing the Plan, tourism-related development and associated activities should be	The SEA will seek to ensure that the Plan contributes towards provisions related to the protection of habitats and species. The Plan is expected to contribute towards provisions relating to green infrastructure. The value of ecosystems services will be recognised in the Plan and SEA.

No.	Submission Text	SEA Response
	managed in a manner that avoids or minimises the potential for significant disturbance to habitats and species. Habitat mapping and related ecosystem services mapping, where available, should be incorporated into the Plan. This could also be strengthened by highlighting the need for a "green infrastructure first" approach and provision of guiding advice on how to implement green infrastructure as part of development plans. Our current State of the Environment Report (2016) highlights that high-quality green and blue spaces are important not just for nature but for peoples' health & wellbeing, particularly in the context of an increasingly urban society and increasing settlement densities.	
9	Water Quality Protection of surface and ground water resources is of vital importance both for human health and ecosystems. In this context, the Plan should provide clear commitments to protect both surface water (including rivers, lakes and estuaries), groundwater and their associated habitats and species, including fisheries, within and adjacent to the Plan area. Where specific recommendations/concerns for water bodies within the Plan area are identified in EPA water quality reports, including the 'Water Quality in Ireland 2010 –2015' (EPA, 2017), or displayed on www.catchments.ie, these should also be considered at an appropriate level in the Plan. The Plan should also ensure that any specific relevant objectives and measures for individual water bodies within the Plan area, as set out in the River Basin Management Plan 2018-2021 (and the subsequent third cycle RBMP), are considered, when considering tourism (and ancillary) related developments, to ensure water quality is protected/improved/maintained. An assessment should be undertaken to determine whether any proposals and associated development could be potentially in conflict with the overall Water Framework Directive River Basin Management Plan Principal Actions including the Areas for Action. Any proposals which are identified to be in potential conflict with the River Basin Management Plan and WFD objectives, should be re-examined with a view to ensuring the conflicts are removed through a suitable strategy of avoidance and/or mitigation as appropriate. Our WFD App provides a single point of access to water quality and catchment data from the national WFD monitoring programme. The Application is accessed through EDEN https://wfd.edenireland.ie/ and is available to public agencies. Publicly available data can be accessed via the www.catchments.ie website also.	The Environmental Report will use available information on water services and will identify areas that are in need of improvement. The River Basin Management Plan will also be considered.
10	Invasive Alien Species Control and Management Control and management of invasive alien species should be taken into account in the planning, construction, and carrying out of maintenance activities (e.g. hedgerow cutting, road or development works) associated with implementing the Plan. A commitment should be included to ensure that implementation of the Plan minimises the risk of the spread of invasive species.	Control and management of invasive alien species will also be considered in preparing the SEA.
11	Landscape In preparing the Plan and SEA, landscape sensitivity should be considered. The Plan should consider available Local Authority landscape character assessments, and available habitat mapping of the Plan area.	Landscape sensitivity, landscape character assessments, and available habitat mapping for the area to which the Plan relates will be considered in preparing the SEA.
12	Assessment of likely significant effects The assessment should identify and focus on the key relevant environmental aspects of the Plan. The full range of environmental effects (secondary, cumulative, synergistic, short, medium and long term, permanent, temporary, positive and negative) should also be considered in the SEA. The potential for cumulative effects associated with the implementation of the Plan should be considered, in association with other relevant Plans / Programmes and projects within and adjacent to the Plan area. The methodology applied in the assessment of the preferred alternative, along with any assumptions made, should be described. Where possible and practical, quantitative assessments should be undertaken of the assessment of the preferred alternative/ combination of alternatives.	The full range of environmental effects potential for cumulative effects on the environment to arise as a result of implementing the Plan will be assessed and other relevant plans and programmes will be taken into account.
13	Additional Plans and Programmes Additional Plans to consider include, where relevant: National Planning Framework National Greenways Strategy National Rural Development Programme Regional Spatial and Economic Strategies Regional and Metropolitan Area Transport Strategies Sectoral and Local Authority Climate Adaptation Plans Catchment Flood Risk Management Plans and associated flood risk mapping Local Authority Development Plans Local Authority Tourism Strategies	These plans and programmes will be considered as part of the preparation of the Strategy and associated environmental assessments.
14	Alternatives The development of alternatives should be clearly described, as well as the methodology applied in the assessment of alternatives along with any assumptions made. The Agency has published an EPA Guidance document Developing and Assessing Alternatives in Strategic Environmental Assessment - Good Practice Guidance (EPA, 2015), which should be considered. Key impacts arising from the Plan may be related to increased tourist numbers and associated traffic movements and the associated demands/pressures on critical water and transport related infrastructure. This should be reflected in the assessment of and consideration of alternatives. In considering and assessing alternatives, the alternatives proposed should be reasonable and realistic and should be set at the appropriate strategic level at which the Plan will be implemented operating within the national planning hierarchy. They should be assessed against the relevant environmental objectives established for the key environmental aspects of the environment likely to be significantly affected. Clear justification should be provided for the selection of the preferred alternative/ combination of alternatives.	Alternatives will be clearly described and the available guidance will be considered.
15	Monitoring The Plan should include a commitment to monitoring visitor numbers and to incorporate this into the Plan-implementation and SEA-related monitoring and associated activities, with a view to assessing the potential environmental effects which may occur with increased tourism numbers. It may also assist in determining the capacity of sensitive areas to accommodate visitor numbers at a given time, and during sensitives seasons.	The SEA ER will include measures for monitoring the likely significant environmental effects of implementing the Plan. The SEA Environmental Report will refer to any relevant monitoring on the impacts of relevant tourism initiatives.

No.	Submission Text	SEA Response
16	State of the Environment Report – Ireland's Environment 2016 In preparing the Plan and SEA, the recommendations, key issues and challenges described within our most recent State of the Environment Report Ireland's Environment – An Assessment 2016 (EPA, 2016) should be considered, as relevant and appropriate to the Plan. Addressing and implementing the 7 key actions identified in the report, which are also linked to a number of the UN's Sustainable Development Goals, will be important in delivering environmental protection and promoting sustainable development in Ireland in the years ahead. Integrating these into the Plan will ensure that future tourism-related development is planned and managed within the context of the wider environmental protection and sustainable development agenda. Sustainable Development Goals	This report has been considered in the preparation of this SEA Scoping Report and will be kept on file for reference throughout the SEA process, as relevant and appropriate to the Plan. The UN Sustainable Development
	The Plan should be consistent with, and contribute to achieving, relevant UN Sustainable Development Goals (SDGs). Relevant targets and actions in Ireland's SDG Implementation Plan (DCCAE, 2018) should be integrated as appropriate into the Plan, with a view to ensuring that future tourism-related development is planned and managed within the context of the wider sustainable development agenda.	Goals (SDGs) and relevant targets and actions in Ireland's SDG Implementation Plan (DCCAE, 2018) has been considered in the preparation of this SEA Scoping Report and will be kept on file for reference throughout the SEA process, as relevant and appropriate to the Plan.
18	Community Engagement One of the key messages from our most recent State of the Environment Report (EPA, 2016) is the importance and value of Community Engagement. In preparing the Plan and carrying out the SEA (including developing alternatives), the need to proactively engage local communities should be a core consideration.	The extensive consultations and workshops with local communities have been carried out by the Fáilte Ireland during the Plan preparation process. The public (including the local community) will be provided with an opportunity to make a submission on the Draft Plan and associated environmental documents during public display.
19	Available Guidance & Resources Our website contains SEA resources and guidance, including: - SEA process guidance and checklists - list of relevant spatial datasets - topic specific SEA guidance, such as how to integrate climate change into SEA or consideration of alternatives in SEA. You can access these resources at: http://www.epa.ie/pubs/advice/ea/	This guidance has been considered in the preparation of this SEA Scoping Report and will be kept on file for reference throughout the SEA process.
20	EPA SEA Search and Reporting Tool This tool allows public authorities to explore, interrogate and produce high level environmental summary reports. It is intended to assist in screening and scoping exercises. The tool is available through EDEN www.edenireland.ie	EPA maps have been considered in the preparation of this report and will be considered throughout the SEA process.
21	EPA WFD Application Our WFD Application provides a single point of access to water quality and catchment data from the national WFD monitoring programme. The Application is accessed through EDEN https://wfd.edenireland.ie/ and is available to public agencies. Publicly available data can be accessed via the Catchments.ie website.	EPA WFD data has been considered in the preparation of this report and will be considered throughout the SEA process.
22	NBDC-National Biodiversity Data Centre www.biodiversityireland.ie	This source of information will be considered by the AA and SEA where appropriate.
23	Environmental Authorities Under the SEA Regulations, you should also consult with: • The Minister for Housing, Planning and Local Government • Minister for Agriculture, Food and the Marine, and the Minister for Communications, Climate Action and Environment, where it appears that the plan or programme, or modification of the plan or programme, might have significant effects on fisheries or the marine environment • where it appears that the plan or programme, or amendment to a plan or programme, might have significant effects in relation to the architectural or archaeological heritage or to nature conservation, the Minister for Culture, Heritage and the Gaeltacht.	Notice has also been given to relevant environmental authorities as part of the SEA scoping process.
Submis	ssion from the Department of Communications, Climate Action and Environment	
1	We note Fáilte Ireland's emphasis on sustainability and suggest Fáilte Ireland would contact their Regional Waste Management Planning Office for advice on sustainable waste prevention and disposal options.	Noted.
	ssion from the Department of Agriculture, Food and the Marine	
1	Where SEA scoping indicates potential impacts on sea-fisheries and the marine environment, the following information should be taken into account in the SEA. Relevant Legislation, Plans and Policies Foreshore Acts 1933 to 2011 Aquaculture Acts 1997 to 2006 (Fisheries (Amendment) Act 1997 and amendments) Sea Fisheries and Maritime Jurisdiction Act 2006 & Sea-Fisheries Regulations Fisheries Natura Plans & Declarations made under European Union (Birds and Natural Habitats) (Sea-fisheries) Regulations 2013 (online at http://www.fishingnet.ie/sea-fisheriesinnaturaareas/natura2000sitesundermanagement/) National Seafood Operational Programme (EMFF requirement) & National Strategic Plan for Aquaculture (CFP requirement) currently under preparation for 2014 – 2020 Food Wise 2025 Harnessing Our Ocean Wealth – the national integrated marine plan for Ireland Implementation of pollution reduction programmes for designated shellfish waters (Shellfish Waters Directive 2006/113/EC) Classified Shellfish Production areas (classified for food safety and consumer protection purposes under Regulation (EC) No 854/2004) National Climate Change Adaptation Framework – particularly sector adaptation plans (including marine)	These plans and programmes will be taken into account by the SEA process, as relevant.

No.	Submission Text	SEA Response
2	Issues for consideration	The SEA will consider potential issues
	In the development of any Plans or Programmes due consideration should be given to:	relating to the marine environment as
	Potential impacts, both positive and negative, on marine environmental quality including potential	relevant.
	impacts on designated Shellfish Growing Waters. Examples include, but are not limited to the	
	following: increased sedimentation; re-suspension of contaminants; discharge of contaminants;	
	and introduction of non-native or invasive species.	
	Potential impacts , both positive and negative, on the microbiological quality of shellfish in	
	Classified Shellfish Production areas	
	Potential impacts on human health resulting from the placing on the market of microbiologically	
	contaminated shellfish	
	Potential impacts on commercially important fish and shellfish stocks, licensed aquaculture sites	
	and areas of importance for fish / shellfish and fisheries e.g. spawning grounds, nursery areas	
	Potential impacts on freshwater aquaculture operations including the requirement for water	
	abstraction and capacity of the receiving waters to assimilate discharges	
	Future designations of areas of importance to the Aquaculture & Fisheries Sector	
	Relevant EU Directives and National Legislation in the area of Marine Spatial Planning	
3	Potential Impacts on Sea-Fisheries & Aquaculture	The SEA will consider potential issues
	Major land-use changes can significantly impact the quality of the marine (particularly coastal)	relating to Sea Fisheries and
	environment (e.g. sedimentation, hydrographic change, impacts on benthic eco-system, etc).	Aquaculture including those related to
	All aspects of the seafood sector rely on safe high quality water and assessment of potential	water quality and supply.
	impacts on water quality should include the seafood sector. To guarantee food safety the growing	
	waters must attain certain standards. This is of relevance to the fishing and aquaculture sectors. In	
	freshwater aquaculture (on land) a continuity of supply is important to ensure animal welfare and	
	quality. Water supplies in this instance are sourced from rivers, wells and occasionally from mains	
	supplies.	
	The seafood processing sector also requires a safe and reliable water supply to support its	
	operations.	
	Designated shellfish waters are very important to the shellfish sector in Ireland working to	
	maintain standards in product safety and quality and enabling sale for direct consumption from	
	many areas, reducing production costs and contributing to the good international reputation of the	
	products. The role of filter-feeding shellfish as a nutrient sink thus helping to reduce eutrophication	
_	potential and improve water quality is also important to consider in assessments.	
4	Sources of Marine Data	These information sources will be
	Details of designated shellfish growing areas which are protected by law (2006/113/EC) are	utilised by the SEA process as
	available at: http://www.environ.ie/en/Environment/Water/WaterQuality/ShellfishWaterDirective/	relevant.
	Details of Classified Shellfish Production areas (classified for food safety and consumer protection	
	purposes under Regulation (EC) No 854/2004) are available on the Sea-Fisheries Protection	
	Authority website: http://www.sfpa.ie/	
	The Marine Institute publishes a range of corporate reports, scientific and technical reports, peer	
	reviewed articles and conference papers which are relevant to the SEA process. These can be	
	found on the Marine Institute website: http://www.marine.ie/home/Publications/ or Marine	
	Institute Open Access Repository. Relevant reports and on line GIS include: Shellfish Stacks and Fisheries Poving 2011: An Assessment of Calastad Stacks Atlas of	
	Shellfish Stocks and Fisheries Review 2011: An Assessment of Selected Stocks, Atlas of Commercial Fisheries Around Ireland, Atlas of Commercial Discarding and Ireland's Marine Atlas	
	,	
	Information on the Initial Assessment of Ireland's marine waters, required under the Marine Strategy Framework Directive, is available at	
	http://www.environ.ie/en/Environment/Water/WaterOuality/Marine/	
5	Who to Consult With	Designated environmental authorities
5		Designated environmental authorities
	DAFM – Policies, plans and legislation concerning sea-fisheries & aquaculture	have been consulted with as part of
	SFPA – Competent Authority for Seafood Safety (classifications, monitoring & sanitary surveys) & Sea-fisheries Control	the SEA Scoping process. Submissions on the Draft Plan and
	Marine Institute – Fisheries & Marine Environment	associated environmental
	BIM – Seafood Development Agency Consideration should also be given to consulting directly with the coafood sector. This may include	assessments documents will be
	Consideration should also be given to consulting directly with the seafood sector. This may include	allowed during public consultation
	regional inshore fisheries forums, Fisheries Local Action Groups, fisheries representative bodies, including producer organisations, local advisory committees, associations, co-operatives; seafood	period.
	processors; aquaculture representative bodies, etc.	
	processors, aquaculture representative bodies, etc.	