



Comhairle Contae Thiobraid Árann  
Tipperary County Council

**Draft**  
**Nenagh Local Area Plan 2024 -**  
**2030**

**Appendix 5: Appropriate Assessment**  
**Natura Impact Report**

# NATURA IMPACT REPORT

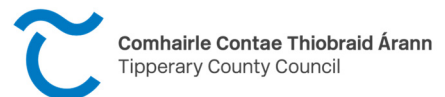
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## IN SUPPORT OF THE APPROPRIATE ASSESSMENT

### FOR THE DRAFT NENAGH AND ENVIRONS LOCAL AREA PLAN 2024-2030

**for: Tipperary County Council**

Civic Offices  
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Tipperary



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# Section 1 Introduction

## 1.1 Background

This Natura Impact Report (NIR) has been prepared in support of the Appropriate Assessment (AA) of the Draft Nenagh and Environs Local Area Plan 2024-2030 (the Draft Plan) in accordance with the requirements of Article 6(3) of Council Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora (as amended) (hereafter referred to as the "Habitats Directive").

This report is part of the ongoing AA process that is being undertaken alongside the preparation of the Plan and has been informed by the Plan and associated documents including those prepared by Tipperary County Council, Systra and JB Barry & Partners Limited. It will be considered, alongside other documentation prepared as part of this process, at adoption of the Plan. An AA Conclusion Statement will be prepared following adaption that will include the final AA determination expected to be made at adoption.

## 1.2 Legislative Context

The Habitats Directive provides legal protection for habitats and species of European importance. The overall aim of the Habitats Directive is to maintain or restore the "favourable conservation status" of habitats and species of European Community Interest. These habitats and species are listed in the Habitats and Birds Directives (Council Directive 2009/147/EC on the conservation of wild birds) with Special Areas of Conservation (SACs) and Special Protection Areas (SPAs) designated to afford protection to the most vulnerable of them. These two designations are collectively known as European sites (also known as Natura 2000 sites).

AA is required by the Habitats Directive, as transposed into Irish legislation by the European Communities (Birds and Natural Habitats) Regulations 2011 (as amended) and the Planning and Development Act 2000 (as amended). AA is an assessment of the potential for adverse effects of a plan or project, in combination with other plans or projects, on the conservation objectives of a European site.

## 1.3 Approach

The Draft Plan was informed by a Stage 2 AA and this Natura Impact Report has been prepared to accompany it on public display.

Mitigation was integrated into the Draft Plan that allows this report to conclude that that the Draft Plan is not foreseen to give rise to any significant effects on designated European sites, alone or in combination with other plans or projects<sup>1</sup>. The Draft Plan and AA Natura Impact Report will be placed on public display and submissions will be invited. Submissions received may result in Material Alterations being proposed to the Plan. These alterations will be subject to Screening for AA and subsequent stages of AA as relevant.

The AA is based on best scientific knowledge and has utilised ecological and hydrological expertise. In addition, a detailed online review of published scientific literature and grey literature<sup>2</sup> was conducted. This included a detailed review of the National Parks and Wildlife (NPWS) website including mapping and available reports for relevant sites and in particular sensitive qualifying interests/special conservation interests described and their conservation objectives.

The ecological desktop study completed for the AA of the Plan comprised the following elements:

- Identification of European sites within 15km of the Plan boundary with identification of potential pathways links for specific sites (if relevant) greater than 15km from the Plan boundary;

<sup>1</sup> 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 plan to proceed; and c) Adequate compensatory measures in place.

<sup>2</sup> Various documents where publishing, in journals for example, is not the primary activity of the producing body. Examples include: conference presentations; regulatory data; unpublished trial data; government publications; and dissertations/theses.

- Review of the NPWS site synopsis and conservation objectives for European sites with identification of potential pathways from the Plan area; and
- Examination of available information on protected species.

There are four main stages in the AA process as follow:

**Stage One: Screening**

The process that identifies the likely impacts upon a European site of a project or plan, either alone or in combination with other projects or plans and considers whether these impacts are likely to be significant.

**Stage Two: Appropriate Assessment**

The consideration of the impact on the integrity of the European site of the project or plan, either alone or in combination with other projects or plans, with respect to the site's structure and function and its conservation objectives. Additionally, where there are adverse impacts, an assessment of the potential mitigation of those impacts. If adequate mitigation is proposed to ensure no significant adverse impacts on European sites, then the process may end at this stage. However, if the likelihood of significant impacts remains, then the process must proceed to Stage Three.

**Stage Three: Assessment of Alternative Solutions**

The process that examines alternative ways of achieving the objectives of the project or plan that avoids adverse impacts on the integrity of the European site.

**Stage Four: Assessment where no alternative solutions exist and where adverse impacts remain**

An assessment of compensatory measures where, in the light of an assessment of imperative reasons of overriding public interest (IROPI), it is deemed that the project or plan should proceed.

The Habitats Directive promotes a hierarchy of avoidance, mitigation and compensatory measures. This approach aims to avoid any impacts on European sites by identifying possible impacts early in the plan-making process and avoiding such impacts. Second, the approach involves the application of mitigation measures, if necessary, during the AA process to the point where no adverse impacts on the site(s) remain. If potential impacts on European sites remain, the approach requires the consideration of alternative solutions. If no alternative solutions are identified and the plan/project is required for imperative reasons of overriding public interest, then compensation measures are required for any remaining adverse effect(s).

The assessment of potential effects on European sites is conducted following a standard source-pathway-receptor<sup>3</sup> model, where, in order for an effect to be established all three elements of this mechanism must be in place. The absence or removal of one of the elements of the model is sufficient to conclude that a potential effect is not of any relevance or significance.

In the interest of this report, receptors are the ecological features that are known to be utilised by the qualifying interests or special conservation interests of a European site. A source is any identifiable element of the Plan provision that is known to interact with ecological processes. The pathways are any connections or links between the source and the receptor. This report provides information on whether direct, indirect and cumulative adverse effects could arise from the Plan.

The AA exercise has been prepared taking into account legislation including the aforementioned legislation and guidance including the following:

- Appropriate Assessment of Plans and Projects in Ireland. Guidance for Planning Authorities, Department of the Environment, Heritage and Local Government, 2009;
- "Commission Notice: Managing Natura 2000 sites - The provisions of Article 6 of the 'Habitats' Directive 92/43/EEC", European Commission 2018
- Assessment of plans and projects in relation to Natura 2000 sites – Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC, European Commission Notice, Journal of the European Union, 2021; and
- Practice Note PN01: Appropriate Assessment Screening for Development Management, Office of the Planning Regulator, 2021.

This evaluation has been made in view of the conservation objectives of the habitats or species, for which the relevant European sites have been designated.

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<sup>3</sup> Source(s) – e.g. pollutant run-off from proposed works; Pathway(s) – e.g. groundwater connecting to nearby qualifying wetland habitats; and Receptor(s) – qualifying aquatic habitats and species of European sites.

## Section 2 Description of the Draft Plan

Tipperary County Council has prepared a new Draft Local Area Plan (LAP) for Nenagh under the Planning and Development Act 2000 (as amended). The Plan sets out an overall strategy for the proper planning and sustainable development over the years 2024-2030. LAPs are required to be consistent with the Policy and Objectives of the County Development Plan and its Core Strategy, as well as the National Planning Framework and Regional Spatial Economic Strategies. The LAP should be read in conjunction with the Tipperary County Development Plan 2022-2028, which sets out the overarching development strategy for the administrative area of Tipperary County Council. Where conflicting policies and objectives arise between the LAP and the County Development Plan the County Development Plan shall take precedence.

The LAP sets out an overall strategy for the proper planning and sustainable development of Nenagh in the context of Project Ireland 2040, the National Planning Framework, the Regional Spatial and Economic Strategy for the Southern Region and the County Development Plan. It is informed by Ministerial Guidelines issued pursuant to Section 28 of the Act together with EU requirements regarding SEA and AA. The function of the Plan is to act as a framework for sustainable investment, to enable employment and homes, to protect the environment and heritage and to help deliver a good quality of life for everyone. The LAP is comprised of the following documents:

- A Written Statement with specific policies and objectives laid out across ten sections
- Maps including land-use zoning with flood risk areas, and built and natural heritage
- Appendices as follows:
  1. Serviced Land Assessment
  2. Local Transport Plan
  3. Regeneration Sites
  4. Strategic Environmental Assessment Environmental Report and Non-Technical Summary
  5. Appropriate Assessment Natura Impact Report
  6. Strategic Flood Risk Assessment

The LAP is focused on a renewed and targeted approach to compact growth and regeneration, building on the extensive range of 'town-centre' focused projects already initiated in Nenagh. The town centre will form the heart and focal point of Nenagh, with clear consideration of climate change mitigation and adaptation measures and modal shift change in terms of how we get around. At the centre of this LAP is consideration of quality of life for the community in the form of housing, jobs, education and amenities. Part of the Plan's Vision and Planning and Development Strategy is that: "In 2030, Nenagh will be a vibrant, sustainable and age-friendly community. The community will benefit from a high quality of life, quality housing choices, improved access to employment options and an improved range of services in the town. The town will benefit from significant investment and regeneration in the central areas of the town, enhanced social, cultural and tourism activities in the town, an increasing town centre residential population, and thriving and vibrant local businesses and services."

The Plan's overarching Planning and Development Policies are as follow:

- Policy 2.1 Require the retrofitting of existing structures on brownfield sites, unless it is demonstrated that retrofitting is unfeasible, or redevelopment of the site would provide positive carbon impact through the re-design, construction and use stages of a new building, compared with retrofitting.
- Policy 2.2 Support new development that will enable sustainable housing growth, employment, community development and prosperity for Nenagh as a Key Town in line with the Strategic Objectives of the TCDP.
- Policy 2.3 Require new development to incorporate best practice in low-carbon and energy efficient planning and techniques as reflected by the policies and objectives of the TCDP and this LAP and in accordance with the forthcoming Climate Action Plan for Tipperary 2023 (and any review thereof).
- Policy 2.4 Support compact residential growth in Nenagh through the sustainable intensification and consolidation of the town centre and established residential areas to meet identified housing targets and requirements in line with the Sustainable Residential Development in Urban Areas, Guidelines for Planning Authorities (DEHLG, 2009) and any review thereof.
- Policy 2.5 Facilitate development of existing but non-conforming and long-established uses, to support their continued operation and expansion, provided such does not result in loss of amenity to adjoining properties, adverse impact on the environment, visual detriment to the character of the area or creation of a traffic hazard.

## Section 3 Screening for Appropriate Assessment

### 3.1 Introduction to Screening

This stage of the process identifies whether there is a likelihood of potential likely significant effects to European sites from a project or plan, either alone or in combination with other projects or plans.

An important element of the AA process is the identification of the “Conservation Objectives”, “Qualifying Interests” (QIs) and/or “Special Conservation Interests” (SCIs) of European sites requiring assessment. QIs are the habitat features and species listed in Annexes I and II of the Habitats Directive for which each European site has been designated and afforded protection. SCIs are wetland habitats and bird species listed within Annexes I and II of the Birds Directive. It is also vital that the threats to the ecological/environmental conditions that are required to support QIs and SCIs are considered as part of the assessment.

The following NPWS Generic Conservation Objectives have been considered in the screening:

- For SACs, to maintain or restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which the SAC has been selected; and
- For SPAs, to maintain or restore the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA.

Where available, Site-Specific Conservation Objectives (SSCOs) designed to define favourable conservation status for a particular habitat<sup>4</sup> or species<sup>5</sup> at that site have been considered.

### 3.2 Identification of Relevant European Sites

The Department of the Environment (2009) Guidance on AA recommends a 15 km buffer zone to be considered. A 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.

Details of European sites that occur within the 15 km Pathway Consideration Zone (or beyond if surface or groundwater hydrological pathways are identified) of the Plan area are listed in Table 3.1 and mapped on Figure 3.1. European sites and EPA Rivers that have surface hydrological connectivity with the Draft Plan area are mapped on Figure 3.2 In addition, Figure 3.3 shows the European sites<sup>6</sup> that are within the same groundwater body<sup>7</sup> as the Draft Plan area (these can occur beyond the 15 km Pathway Consideration Zone).

Information on QIs, SCIs and site-specific vulnerabilities and sensitivities (see Appendix I) and background information (such as that within Ireland’s Article 17 Report to the European Commission, site synopses and Natura 2000 standard data forms) has also been considered by both the AA screening assessment (provided under this section) and Stage 2 AA (provided under Section 4). The information on the Conservation Objectives of the European Sites that have been considered by the assessment was sourced from the following NPWS documents:

- NPWS (2022) First Order Site-specific Conservation Objectives for Lough Derg (Shannon) SPA [IE0004058] Version 1.
- NPWS (2022) Conservation Objectives for Slievefelim to Silvermines Mountains SPA [IE0004165] Version 1.
- NPWS (2018) Conservation Objectives for Silvermine Mountains SAC [IE0000939] Version 1.
- NPWS (2017) Conservation Objectives for Silvermines Mountains West SAC [IE0002258] Version 1.
- NPWS (2018) Conservation Objectives for Bolingbrook Hill SAC [IE0002124] Version 1.
- NPWS (2019) Conservation Objectives for Lough Derg, North-East Shore SAC [IE0002241] Version 1.
- NPWS (2012) Conservation Objectives for Lower River Shannon SAC [IE0002165] Version 1.
- NPWS (2017) Conservation Objectives for Keeper Hill SAC [IE0001197] Version 1.
- NPWS (2022) Conservation Objectives for Slieve Aughty Mountains SPA [IE0004168] Version 1.

<sup>4</sup> Favourable conservation status of a habitat is achieved when: its natural range, and area it covers within that range, are stable or increasing; the specific structure and functions which are necessary for its long-term maintenance exist and are likely to continue to exist for the foreseeable future; and the conservation status of its typical species is favourable.

<sup>5</sup> The favourable conservation status of a species is achieved when: population dynamics data on the species concerned indicate that it is maintaining itself on a long-term basis as a viable component of its natural habitats; the natural range of the species is neither being reduced nor is likely to be reduced for the foreseeable future; and there is, and will probably continue to be, a sufficiently large habitat to maintain its populations on a long-term basis.

<sup>6</sup> Special Areas of Conservation with groundwater sensitive Qualifying Interests

<sup>7</sup> Source: <https://gis.epa.ie/EPAMaps/>



- NPWS (2022) Conservation Objectives for Scohaboy (Sopwell) Bog SAC [IE0002206] Version 9.
- NPWS (2016) Conservation Objectives for Kilcarren-Firville Bog SAC [IE0000647] Version 1<sup>8</sup>.
- NPWS (2022) Conservation Objectives for River Shannon Callows SAC [IE0000216] Version 1<sup>8</sup>.
- NPWS (2023) Conservation Objectives for Arragh More (Derrybreen) Bog SAC [IE0002207] Version 1<sup>8</sup>.
- NPWS (2012) Conservation Objectives for River Shannon and River Fergus Estuaries SPA [IE0004077] Version 1<sup>9</sup>.

The assessment considers available conservation objectives. Since conservation objectives focus on maintaining the favourable conservation condition of the QIs/SCIs of each site, the screening process concentrated on assessing the potential effects of the Plan against the QIs/SCIs of each site. The conservation objectives for each site were consulted throughout the assessment process.

### 3.3 Screening and Potential Significant Effects

#### 3.3.1 Is the Plan Necessary to the Management of European Sites?

All policies and objectives are considered in this assessment with respect to the likelihood for potential significant effect to the OIs and SCIs of each of the European sites identified by the assessment. This is carried out by considering the sensitivities and threats and pressures of each of the QIs and SCIs in relation to all potential sources for effects and potential pathways for such effects. Subsequently, where sources and pathways for effects are identified potential significant effects will be assessed in relation to the SSCOs.

The overarching objective of the Plan is not the nature conservation management of the sites, but to coordinate and plan the future development of Nenagh. Therefore, the Plan is not considered to be directly connected with or necessary to the management of European sites.

#### 3.3.2 Elements of the Plan with Potential to Give Rise to Significant Effects

The Plan provides a framework for the sustainable development of the Nenagh Plan area. Plan elements that could have a likelihood for potential significant effects to European sites include:

- The Plan's Land Use Zoning Framework, Strategies for Planning and Development, Town Centre and Economic Development, provisions relating to the development of sustainable communities, transport and connectivity, local heritage, infrastructure, energy and utilities that introduce sources for potential effects through construction phase such as habitat loss, light pollution, disturbance effects and hydrological interactions through surface hydrological connectivity (Figure 3.2) or shared groundwater sources (Figure 3.3);
- Loading pressures from the operational phase of developments – these sources could result in habitat loss/fragmentation, disturbance effects, light pollution and interactions with water quality (surface and/or groundwater); and
- Increases in visitor numbers to ecologically sensitive areas during the operational phase of developments which have potential to introduce sources for significant effects, such as recreational and tourism developments.

The elements of the Plan with potential to give rise to the potential effects indicated above are generally associated with construction phase elements of the implementation of the Plan. The operational phase elements of the Plan are generally consistent with the existing condition of the Plan area; however, these elements within the Draft Plan will also need to be carefully considered. . All policies and objectives within the draft Plan are considered in this assessment with respect to the ecological sensitivities of each of the European sites identified. Considering the sensitivities/vulnerabilities of the QIs and SCIs in relation to all potential sources for effects and potential pathways for such effects. Where sources and pathways for potential significant effects are identified, these potential effects will be assessed in relation to the SSCOs.

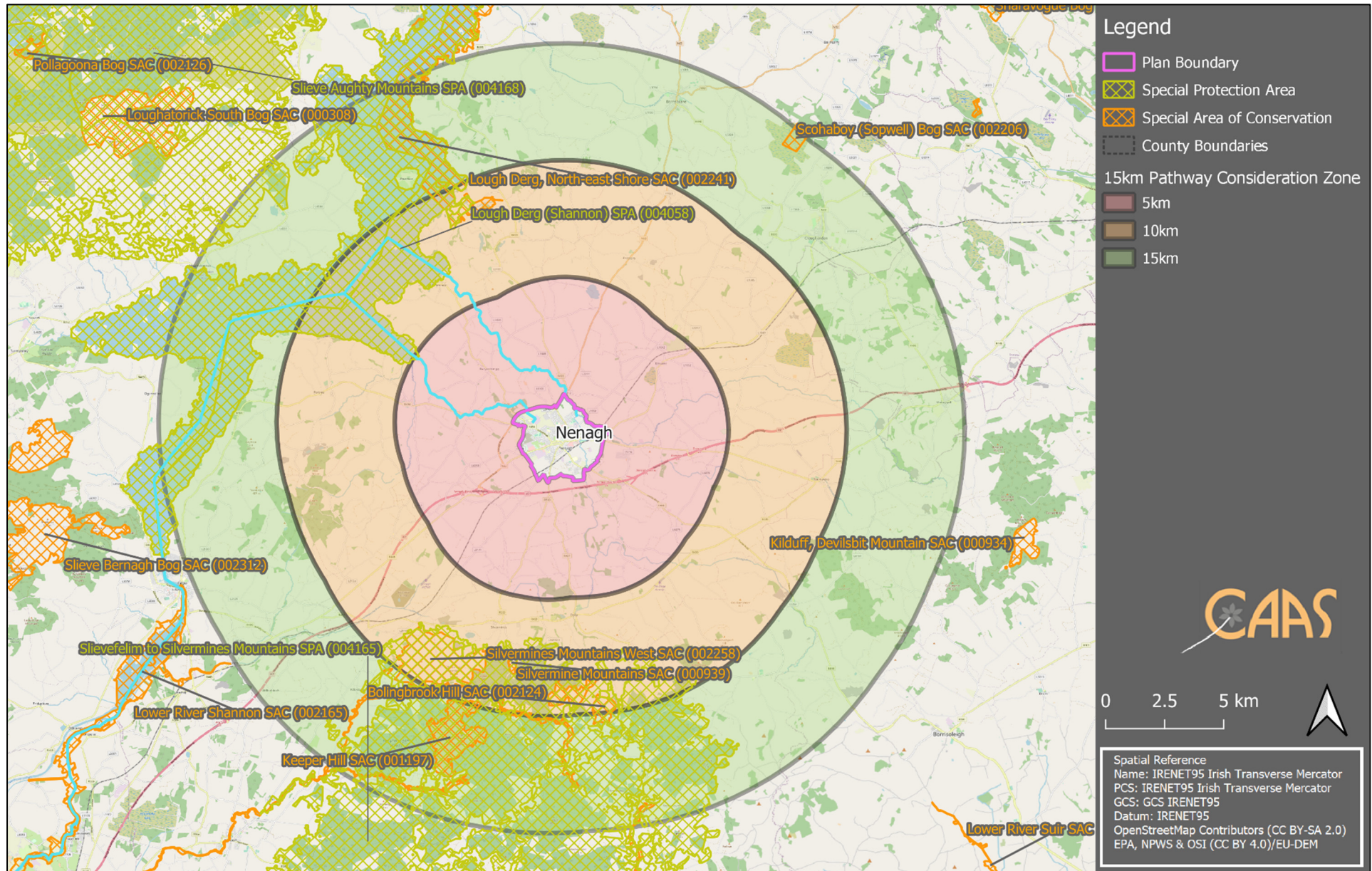
#### 3.3.3 Screening of Sites

Table 3.1 examines whether there is a likelihood of potential for significant effects on European sites considering information on potential effects provided above; the Conservation Objectives for each site detailed above; each site's QIs and SCIs, and their threats and pressures – as provided in Appendix I. Sites are screened based on one or a combination of the following criteria:

- The existence of potential for pathways for significant effects, such as hydrological links Plan proposals and the site to be screened;
- The distance of the relevant site from the Plan boundary; and
- The existence of a link between identified threats or vulnerabilities at a site to potential impacts that may arise from the Plan.

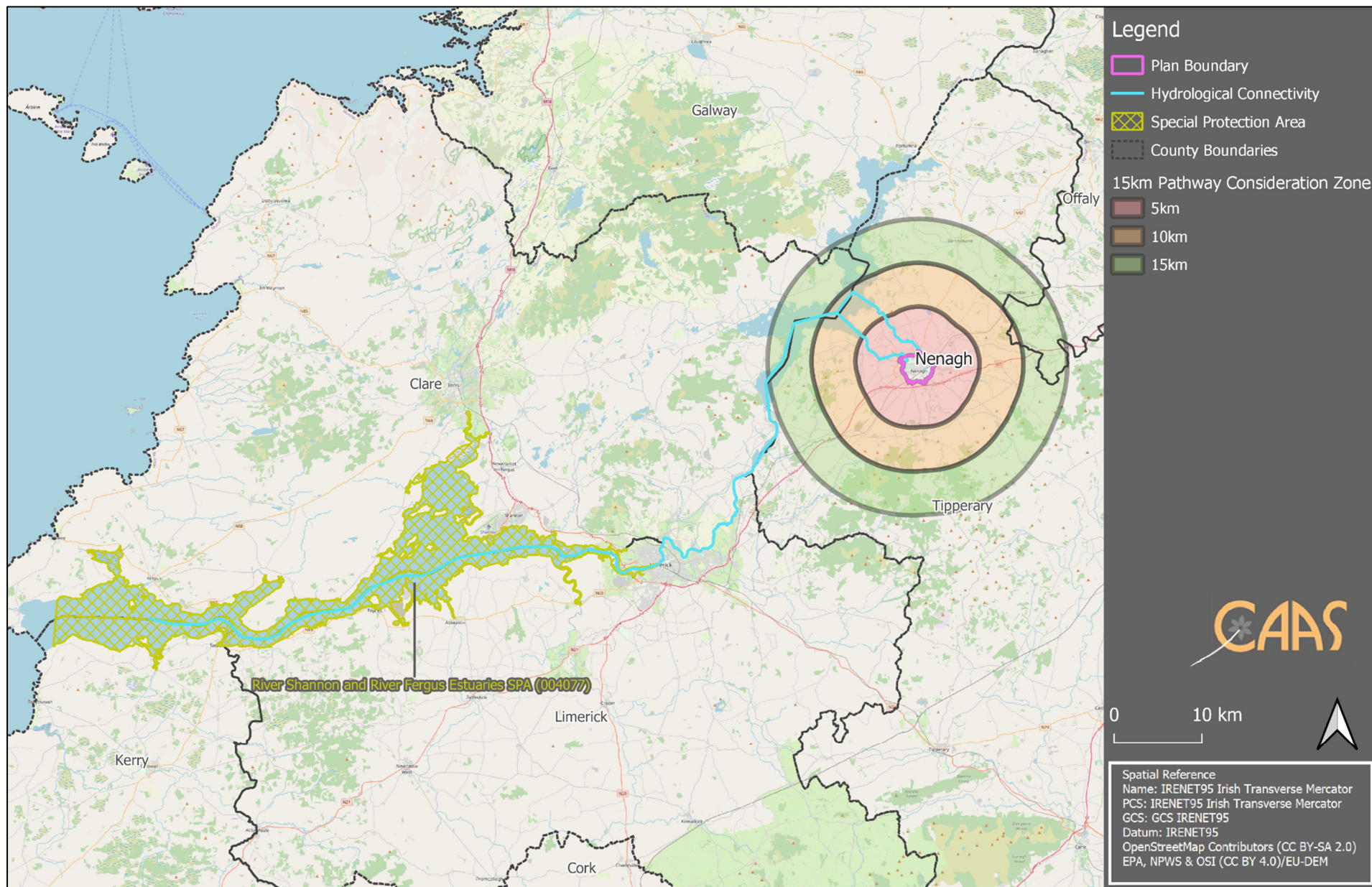
<sup>8</sup> This SAC has groundwater sensitive Qualifying Interests and is within the same groundwater bodies as the Plan area, but beyond 15 km buffer zone.

<sup>9</sup> This SAC has a direct surface hydrological connection with the Plan area and is beyond the 15 km buffer zone.



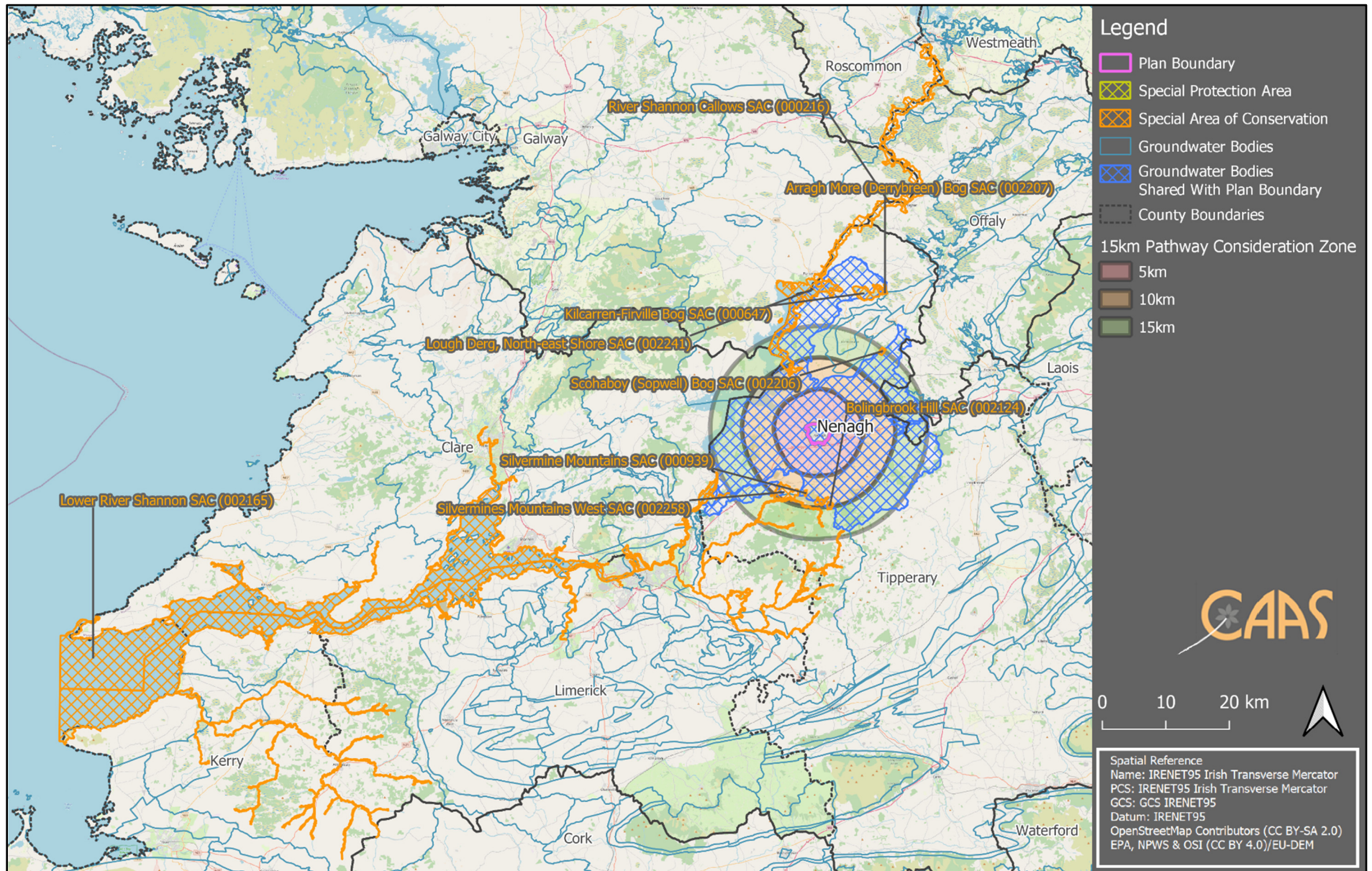
**Figure 3.1 European sites and Pathway Consideration Zones up to 15 km from the Draft Plan area<sup>10</sup>**

<sup>10</sup> Source: NPWS (datasets downloaded June 2023)



**Figure 3.2 European sites with surface hydrological connectivity<sup>11</sup> to the Draft Plan area**

<sup>11</sup> Source: <https://gis.epa.ie/EPAMaps/>



**Figure 3.3 European sites<sup>12</sup> within the same groundwater bodies<sup>13</sup> as the Draft Plan area**

<sup>12</sup> Special Areas of Conservation with groundwater sensitive Qualifying Interests

<sup>13</sup> Source: <https://gis.epa.ie/EPAMaps/>

**Table 3.1 Screening of European sites within 15 km of the Plan boundary**

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
004058	Lough Derg (Shannon) SPA	4.83	Wetland and Waterbirds [A999], Tufted Duck ( <i>Aythya fuligula</i> ) [A061], Goldeneye ( <i>Bucephala clangula</i> ) [A067], Common tern ( <i>Sterna hirundo</i> ) [A193], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017]	Grazing in forests or woodland [B06], Forestry clearance [B02.02], Abandonment or lack of mowing [A03.03], Fertilisation [A08], Outdoor sports and leisure activities, recreational activities [G01], Use of biocides, hormones and chemicals [A07], Paths, tracks, cycling tracks [D01.01], Modifying structures of inland water courses [J02.05.02], Siltation rate changes, dumping, depositing of dredged deposits [J02.11], Intensive grazing [A04.01], Hunting [F03.01], Trampling, overuse [G05.01], Non intensive mixed animal grazing [A04.02.05], Mowing or cutting of grassland [A03], Flooding [J02.04.01], Modification of hydrographic functioning, general [J02.05], Predation [K03.04], Abandonment of pastoral systems lack of grazing [A04.03], Mechanical removal of peat [C01.03.02], Landfill, land reclamation and drying out, general [J02.01], Removal of hedges and copses or scrub [A10.01]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SPA is sensitive to hydrological interactions, direct land use management activities and disturbance effects. This site exists 4.81 km outside of the Draft Plan boundary. There is a direct surface hydrological connection between the Draft Plan area and this site.</p> <p>SCI species are sensitive to disturbance effects; in general distances beyond 2 km are seen to be sufficient to preclude such effects<sup>15,16</sup>. These distances can vary due to factors such as species and/or time of year<sup>17,18</sup>. Given the distance between the Draft Plan area and the SPA there are no pathways for disturbance effects identified.</p> <p>These SCI species are highly vagile and therefore may utilise ex-situ ecological resources which may have interactions with the Draft Plan; however, at this scale landscape characteristics and the availability of alternate resources ensure the local scale interactions with ex-situ resources are not likely to have significant effects on the SPA.</p> <p>Considering the SCIs of this SPA, and given the nature of the Draft Plan and the distance involved between the Plan area and the SPA, there are no pathways for effect via direct land use management or disturbance effects to the SPA. However, a hydrological pathway has been identified via a direct surface hydrological connection with the Plan area and sources for potential significant effects have been identified for hydrological interactions within the Draft Plan.</p> <p>Therefore, there is likelihood of potential significant effects via the pathways and sources identified above. Therefore, further consideration is required under, Article 6(3), Stage 2 AA.</p>	Yes	Yes
004165	Slievefelim to Silvermines Mountains SPA	6.66	Hen harrier ( <i>Circus cyaneus</i> ) [A082]	Mowing or cutting of grassland [A03], Forest planting on open ground [B01], Grazing [A04], Restructuring agricultural land holding [A10], Fertilisation [A08], Peat extraction [C01.03], Roads, motorways [D01.02], Fire and fire suppression [J01]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SPA is sensitive to direct land use management activities and disturbance effects. This site exists 6.66 km outside of the Draft Plan boundary.</p> <p>SCI species are sensitive to disturbance effects; in general distances beyond 2 km are seen to be sufficient to preclude such effects<sup>19,20</sup>. These distances can vary due to factors such as species and/or time of year<sup>21,22</sup>. Given the distance between the Draft Plan area and the SPA there are no pathways for disturbance effects identified.</p> <p>These SCI species are highly vagile and therefore may utilise ex-situ ecological resources which may have interactions with the Draft Plan; however, at this scale landscape characteristics and the availability of alternate resources ensure the</p>	No	No

<sup>14</sup>Qualifying Interest or Special Conservation Interest

<sup>15</sup>Rudock, M. and Whitfield, D.P., 2007. A review of disturbance distances in selected bird species. A report from Natural Research (Projects) Ltd to Scottish Natural Heritage, 181.

<sup>16</sup>Bright, J.A., Langston, R. and Anthony, S., 2009. Mapped and written guidance in relation to birds and onshore wind energy development in England. Sandy: RSPB.

<sup>17</sup>Bötsch, Y., Tablado, Z. and Jenni, L., 2017. Experimental evidence of human recreational disturbance effects on bird-territory establishment. Proceedings of the Royal Society B: Biological Sciences, 284(1858), p.20170846.

<sup>18</sup>Goss-Custard, J.D., Hoppe, C.H., Hood, M.J. and Stillman, R.A., 2020. Disturbance does not have a significant impact on waders in an estuary close to conurbations: importance of overlap between birds and people in time and space. Ibis, 162(3), pp.845-862.

<sup>19</sup>Rudock, M. and Whitfield, D.P., 2007. A review of disturbance distances in selected bird species. A report from Natural Research (Projects) Ltd to Scottish Natural Heritage, 181.

<sup>20</sup>Bright, J.A., Langston, R. and Anthony, S., 2009. Mapped and written guidance in relation to birds and onshore wind energy development in England. Sandy: RSPB.

<sup>21</sup>Bötsch, Y., Tablado, Z. and Jenni, L., 2017. Experimental evidence of human recreational disturbance effects on bird-territory establishment. Proceedings of the Royal Society B: Biological Sciences, 284(1858), p.20170846.

<sup>22</sup>Goss-Custard, J.D., Hoppe, C.H., Hood, M.J. and Stillman, R.A., 2020. Disturbance does not have a significant impact on waders in an estuary close to conurbations: importance of overlap between birds and people in time and space. Ibis, 162(3), pp.845-862.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
					<p>local scale interactions with ex-situ resources are not likely to have significant effects on the SPA.</p> <p>Considering the SCIs of this SPA, and given the nature of the Draft Plan and the distances involved between the Plan area and the SPA, there are no sources of pathways for effect via direct land use management activities or disturbance effects to the SPA.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>		
000939	Silvermine Mountains SAC	7.34	Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010], Species-rich <i>Nardus</i> grasslands, on siliceous substrates in mountain areas - and submountain areas in Continental Europe [6230]	Non intensive cattle grazing [A04.02.01], Habitat shifting and alteration [M02.01], Intensive grazing [A04.01]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 7.34 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and does share the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics<sup>23</sup>, and has been shown to be heavily influenced by the direct management of soil, rivers and streams<sup>24</sup>. It has also been shown that the effects from groundwater contaminants are diluted through volume of water<sup>25</sup>. Considering the distance between the Draft Plan area and the SAC, there is considerable dilution effect, and therefore no pathways with a likelihood for potential significant effects to the QIs has been identified.</p> <p>Considering the QIs of this SAC, and given the nature of the Draft Plan, and the distances involved, there are no potential pathways for direct land use management effects, as the site is outside of the Plan boundary, and no potential pathways for groundwater interactions. In addition, there are no direct surface hydrological pathways between the site and the Plan boundary, therefore, there are no pathways of effect for hydrological interactions to the SAC.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>	No	No
002258	Silvermines Mountains West SAC	7.54	European dry heaths [4030], Calaminarian grasslands of the <i>Violetalia calaminariae</i> [6130], Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010]	Communication masts and antennas [D02.03], Paths, tracks, cycling tracks [D01.01], Erosion [K01.01], Regular motorized driving [G01.03.01], Off-road motorized driving [G01.03.02], No threats or pressures [X]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 7.54 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and does share the same groundwater body as the Draft Plan area (Figure 3.3).</p>	No	No

<sup>23</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>24</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.

<sup>25</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
					<p>Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics<sup>26</sup>, and has been shown to be heavily influenced by the direct management of soil, rivers and streams<sup>27</sup>. It has also been shown that the effects from groundwater contaminants are diluted through volume of water<sup>28</sup>. Considering the distance between the Draft Plan area and the SAC, there is considerable dilution effect, and therefore no pathways with a likelihood for potential significant effects to the QIs has been identified.</p> <p>Considering the QIs of this SAC, and given the nature of the Draft Plan, and the distances involved, there are no potential pathways for direct land use management effects, as the site is outside of the Plan boundary, and no potential pathways for groundwater interactions. In addition, there are no direct surface hydrological pathways between the site and the Plan boundary, therefore, there are no pathways of effect for hydrological interactions to the SAC.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>		
002124	Bolingbrook Hill SAC	8.34	European dry heaths [4030], Species-rich Nardus grasslands, on siliceous substrates in mountain areas - and submountain areas in Continental Europe [6230], Northern Atlantic wet heaths with Erica tetralix [4010]	Removal of hedges and copses or scrub [A10.01], Missing or wrongly directed conservation measures [G05.07], No threats or pressures [X], Fire and fire suppression [J01], Forest and plantation management & use [B02], Paths, tracks, cycling tracks [D01.01]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 8.34 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and does share the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics<sup>29</sup>, and has been shown to be heavily influenced by the direct management of soil, rivers and streams<sup>30</sup>. It has also been shown that the effects from groundwater contaminants are diluted through volume of water<sup>31</sup>. Considering the distance between the Draft Plan area and the SAC, there is considerable dilution effect, and therefore no pathways with a likelihood for potential significant effects to the QIs has been identified.</p> <p>Considering the QIs of this SAC, and given the nature of the Draft Plan, and the distances involved, there are no potential pathways for direct land use management effects, as the site is outside of the Plan boundary, and no potential pathways for groundwater interactions. In addition, there are no direct surface hydrological pathways between the site and the Plan boundary.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>	No	No

<sup>26</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>27</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.

<sup>28</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

<sup>29</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>30</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.

<sup>31</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
002241	Lough Derg, North-East Shore SAC	8.36	Limestone pavements [8240], Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ) [91E0], <i>Juniperus communis</i> formations on heaths or calcareous grasslands [5130], <i>Taxus baccata</i> woods of the British Isles [91J0], Alkaline fens [7230], Calcareous fens with <i>Cladium mariscus</i> and species of the Caricion davallianae [7210]	Sylviculture, forestry [B], Fertilisation [A08], Management of aquatic and bank vegetation for drainage purposes [J02.10], Grazing [A04], Leisure fishing [F02.03], Discharges [E03], Sea defence or coast protection works, tidal barrages [J02.12.01], Hand cutting of peat [C01.03.01], Removal of beach materials [C01.01.02], Invasive non-native species [I01], Polderisation [J02.01.01], Nautical sports [G01.01], Air pollution, air-borne pollutants [H04], Paths, tracks, cycling tracks [D01.01], Reclamation of land from sea, estuary or marsh [J02.01.02], Hunting [F03.01], Marine and freshwater aquaculture [F01], Eutrophication (natural) [K02.03], Urbanised areas, human habitation [E01]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to hydrological interactions, direct land use management activities and groundwater interactions. This site exists 8.36 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and does share the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics<sup>32</sup>, and has been shown to be heavily influenced by the direct management of soil, rivers and streams<sup>33</sup>. It has also been shown that the effects from groundwater contaminants are diluted through volume of water<sup>34</sup>. Considering the distance between the Draft Plan area and the SAC, there is considerable dilution effect, and therefore no pathways with a likelihood for potential significant effects to the QIs has been identified.</p> <p>Considering the QIs of this SAC, and given the nature of the Draft Plan, and the distances involved, there are no potential pathways for direct land use management effects, as the site is outside of the Plan boundary, and no potential pathways for groundwater interactions. In addition, there are no direct surface hydrological pathways between the site and the Plan boundary, therefore, there are no pathways of effect for hydrological interactions to the SAC.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>	No	No
002165	Lower River Shannon SAC	9.27	Otter ( <i>Lutra lutra</i> ) [1355], Freshwater pearl mussel ( <i>Margaritifera margaritifera</i> ) [1029], Large shallow inlets and bays [1160], Mediterranean salt meadows ( <i>Juncetalia maritimi</i> ) [1410], Bottlenose dolphin ( <i>Tursiops truncatus</i> ) [1349], Brook lamprey ( <i>Lampetra planeri</i> ) [1096], Coastal lagoons [1150], Atlantic salt meadows ( <i>Glauco-Puccinellietalia maritimae</i> ) [1330], Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche-Batrachion vegetation	Mechanical removal of peat [C01.03.02], Landfill, land reclamation and drying out, general [J02.01], Forestry clearance [B02.02], Problematic native species [I02], Other human induced changes in hydraulic conditions [J02.15], Peat extraction [C01.03], Fire and fire suppression [J01], Invasive non-native species [I01], Suppression of natural fires [J01.02]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological and groundwater water interactions and disturbance effects. This site exists 9.27 km outside of the Draft Plan area. There is a direct surface hydrological connection between the Draft Plan area and this site. In addition, this European site has groundwater sensitive Qualifying Interests, and shares the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>Considering the QIs of this SAC, and given the nature of the Draft Plan and the distances involved between the Plan area and the SAC, there are no pathways for effect via direct land use management to the SAC. However, a hydrological pathway has been identified via a direct surface hydrological connection with the Plan area, and sources for potential significant effect have been identified for hydrological interactions within the Draft Plan.</p> <p>Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics<sup>35</sup>, and has been shown to be heavily influenced by the direct management of soil, rivers and streams<sup>36</sup>. It has also been shown that the effects from groundwater</p>	Yes	Yes

<sup>32</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>33</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.

<sup>34</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

<sup>35</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>36</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.



Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
			[3260], Salicornia and other annuals colonising mud and sand [1310], Perennial vegetation of stony banks [1220], Estuaries [1130], River lamprey ( <i>Lampetra fluviatilis</i> ) [1099], Mudflats and sandflats not covered by seawater at low tide [1140], Sandbanks which are slightly covered by sea water all the time [1110], Atlantic salmon ( <i>Salmo salar</i> ) [1106], Vegetated sea cliffs of the Atlantic and Baltic coasts [1230], Molinia meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinia caeruleae</i> ) [6410], Sea lamprey ( <i>Petromyzon marinus</i> ) [1095], Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ) [91E0], Reefs [1170]		contaminants are diluted through volume of water <sup>37</sup> . Considering the distance between the Draft Plan area and the SAC, no pathways for potential significant effects to the QI of the SAC have been identified.  Therefore, there is likelihood of potential significant effects via the pathways and sources identified above. Therefore, further consideration is required under, Article 6(3), Stage 2 AA.		
001197	Keeper Hill SAC	9.77	Blanket bogs * if active bog [7130], Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010]	Problematic native species [I02], Forestry clearance [B02.02], Other human induced changes in hydraulic conditions [J02.15], Landfill, land reclamation and drying out, general [J02.01], Burning down [J01.01], Mechanical removal of peat [C01.03.02], Invasive non-native species [I01]	The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 9.77 km outside of the Draft Plan boundary. There is no direct surface hydrological connection between the Draft Plan area and this site. In addition, this site is hydrologically isolated from the draft Plan boundary as raised bog habitats are domed and primarily rainwater fed (ombrotrophic) and isolated from groundwater <sup>38</sup> .  Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics <sup>39</sup> , and has been shown to be heavily influenced by the direct management of soil, rivers and streams <sup>40</sup> . It has also been shown that the effects from groundwater contaminants are diluted through volume of water <sup>41</sup> . Considering the distance between the Draft Plan area and the SAC, there is considerable dilution effect, and therefore no significant effects to the QIs identified.  Considering the QIs of this SAC, and given the nature of the Draft Plan, and the distances involved, there are no potential pathways for direct land use management effects, as the site is outside of the Plan boundary, and no potential pathways for groundwater interactions. In addition, there are no direct surface	No	No

<sup>37</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

<sup>38</sup> Adapted from NPWS (2019). The Status of EU Protected Habitats and Species in Ireland.

<sup>39</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>40</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.

<sup>41</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
					hydrological pathways between the site and the Plan boundary, therefore, there are no pathways of effect for hydrological interactions to the SAC.  Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.		
004168	Slieve Aughty Mountains SPA	13.16	Merlin ( <i>Falco columbarius</i> ) [A098], Hen harrier ( <i>Circus cyaneus</i> ) [A082]	Wildlife watching [G02.09], Mining and quarrying [C01], Pollution to surface waters [Limnic & terrestrial, marine & brackish] [H01], Invasive non-native species [I01], Management of aquatic and bank vegetation for drainage purposes [J02.10], Temperature changes [E.g., rise of temperature & extremes] [M01.01], Forest replanting (native trees) [B02.01.01], Outdoor sports and leisure activities, recreational activities [G01], Paths, tracks, cycling tracks [D01.01], Fertilisation [A08], Infilling of ditches, dykes, ponds, pools, marshes or pits [J02.01.03], Eutrophication (natural) [K02.03], Non intensive mixed animal grazing [A04.02.05], Flooding and rising precipitations [M01.03], Intensive grazing [A04.01], Piers or tourist harbours or recreational piers [D03.01.02], Diffuse pollution to surface waters due to household sewage and waste waters [H01.08], Droughts and less precipitations [M01.02], Removal of hedges and copses or scrub [A10.01], Human induced changes in hydraulic conditions [J02], Problematic native species [I02], Species composition change (succession) [K02.01]	The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SPA is sensitive to direct land use management activities and disturbance effects. This site exists 13.16 km outside of the Draft Plan boundary. SCI species are sensitive to disturbance effects; in general distances beyond 2 km are seen to be sufficient to preclude such effects <sup>42,43</sup> . These distances can vary due to factors such as species and/or time of year <sup>44,45</sup> . Given the distance between the Draft Plan area and the SPA there are no pathways for disturbance effects identified.  These SCI species are highly vagile and therefore may utilise ex-situ ecological resources which may have interactions with the Draft Plan; however, at this scale landscape characteristics and the availability of alternate resources ensure the local scale interactions with ex-situ resources are not likely to have significant effects on the SPA.  Considering the SCIs of this SPA, and given the nature of the Draft Plan and the distances involved between the Plan area and the SPA, there are no sources of pathways for effect via direct land use management activities or disturbance effects to the SPA.  Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.	No	No
002206	Scohaboy (Sopwell) Bog SAC	14.10	Degraded raised bogs still capable of natural regeneration [7120]	No threats or pressures [X], Paths, tracks, cycling tracks [D01.01], Motorised vehicles [G01.03], Non intensive goat grazing [A04.02.04], Non intensive horse grazing [A04.02.03], Walking, horse-riding and non-motorised vehicles [G01.02], Mines [C01.04], Fire and fire suppression [J01]	The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 14.10 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and shares the same groundwater body as the Draft Plan area (Figure 3.3).  This SAC contains groundwater dependent terrestrial ecosystems <sup>46</sup> . In addition, groundwater bodies can play a role in rainwater fed (ombrotrophic) peatland systems <sup>47</sup> . However, this site is hydrologically isolated from the draft Plan	No	No

<sup>42</sup> Rudock, M. and Whitfield, D.P., 2007. A review of disturbance distances in selected bird species. A report from Natural Research (Projects) Ltd to Scottish Natural Heritage, 181.

<sup>43</sup> Bright, J.A., Langston, R. and Anthony, S., 2009. Mapped and written guidance in relation to birds and onshore wind energy development in England. Sandy: RSPB.

<sup>44</sup> Bötsch, Y., Tablado, Z. and Jenni, L., 2017. Experimental evidence of human recreational disturbance effects on bird-territory establishment. Proceedings of the Royal Society B: Biological Sciences, 284(1858), p.20170846.

<sup>45</sup> Goss-Custard, J.D., Hoppe, C.H., Hood, M.J. and Stillman, R.A., 2020. Disturbance does not have a significant impact on waders in an estuary close to conurbations: importance of overlap between birds and people in time and space. Ibis, 162(3), pp.845-862.

<sup>46</sup> A framework for the assessment of groundwater dependent terrestrial ecosystems under the Water Framework Directive (2008). ERC Report 12 - Garrett Kilroy et al.

<sup>47</sup> Regan, S., Flynn, R., Gill, L., Naughton, O., & Johnston, P. (2019). Impacts of groundwater drainage on peatland subsidence and its ecological implications on an Atlantic raised bog. *Water Resources Research*, 55, 6153– 6168.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
					<p>boundary as raised bog habitats are domed and are generally primarily rainwater fed and isolated from groundwater<sup>48</sup>.</p> <p>Considering the QIs of this SAC, connectivity to the draft Plan area, and the nature of the draft Plan, there are no pathways for surface hydrological, groundwater, or direct land use management potential effects to this SAC.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>		
000647	Kilcarren-Firville Bog SAC	20.29	Depressions on peat substrates of the Rhynchosporion [7150], Degraded raised bogs still capable of natural regeneration [7120], Active raised bogs [7110]	Hunting [F03.01], Leisure fishing [F02.03], Fertilisation [A08], Nautical sports [G01.01]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 20.29 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and shares the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>This SAC contains groundwater dependent terrestrial ecosystems<sup>49</sup>. In addition, groundwater bodies can play a role in rainwater fed (ombrotrophic) peatland systems<sup>50</sup>. However, this site is hydrologically isolated from the draft Plan boundary as raised bog habitats are domed and are generally primarily rainwater fed and isolated from groundwater<sup>51</sup>.</p> <p>Considering the QIs of this SAC, connectivity to the draft Plan area, and the nature of the draft Plan, there are no pathways for surface hydrological, groundwater, or direct land use management potential effects to this SAC.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>	No	No
000216	River Shannon Callows SAC	21.80	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ) [91E0], Otter ( <i>Lutra lutra</i> ) [1355], Limestone pavements [8240], Alkaline fens [7230], Lowland hay meadows ( <i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i> ) [6510], Molinia meadows on calcareous, peaty or clayey-silt-laden	Marine and freshwater aquaculture [F01], Discharges [E03], Nautical sports [G01.01], Shipping lanes [D03.02], Urbanised areas, human habitation [E01], Industrial or commercial areas [E02], Fertilisation [A08]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to hydrological interactions, direct land use management activities and groundwater interactions. This site exists 21.80 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site, however this European site has groundwater sensitive Qualifying Interests, and does share the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>Considering groundwater interactions: groundwater is reliant on and interacts with a myriad of hydrogeological and landscape characteristics<sup>52</sup>, and has been shown to be heavily influenced by the direct management of soil, rivers and streams<sup>53</sup>. It has also been shown that the effects from groundwater contaminants are diluted through volume of water<sup>54</sup>. Considering the distance</p>	No	No

<sup>48</sup> Adapted from NPWS (2019). The Status of EU Protected Habitats and Species in Ireland.

<sup>49</sup> A framework for the assessment of groundwater dependent terrestrial ecosystems under the Water Framework Directive (2008). ERC Report 12 - Garrett Kilroy *et al.*

<sup>50</sup> Regan, S., Flynn, R., Gill, L., Naughton, O., & Johnston, P. (2019). Impacts of groundwater drainage on peatland subsidence and its ecological implications on an Atlantic raised bog. *Water Resources Research*, 55, 6153– 6168.

<sup>51</sup> Adapted from NPWS (2019). The Status of EU Protected Habitats and Species in Ireland.

<sup>52</sup> Wehncke, E.V. & Mariano, N.A., 2021. Groundwater and Its Role in Maintaining the Ecological Functions of Ecosystems—A Review. *Intensified Land and Water Use: A Holistic Perspective of Local to Regional Integration*, pp.55-86.

<sup>53</sup> Silva, A.C.F. *et al.* 2012. Estuarine biodiversity as an indicator of groundwater discharge. *Estuarine, Coastal and Shelf Science*, 97, pp.38-43.

<sup>54</sup> Lasagna, M. *et al.* 2013. Effect of the dilution process on the attenuation of contaminants in aquifers. *Environmental earth sciences*, 70(6), pp.2767-2784.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
			soils ( <i>Molinion caeruleae</i> ) [6410]		<p>between the Draft Plan area and the SAC, there is considerable dilution effect, and therefore no pathways with a likelihood for potential significant effects to the QIs has been identified.</p> <p>Considering the QIs of this SAC, and given the nature of the Draft Plan, and the distances involved, there are no potential pathways for direct land use management effects, as the site is outside of the Plan boundary, and no potential pathways for groundwater interactions. In addition, there are no direct surface hydrological pathways between the site and the Plan boundary.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>		
002207	Arragh More (Derrybreen) Bog SAC	22.20	Degraded raised bogs still capable of natural regeneration [7120]	Sylviculture, forestry [B], Roads, motorways [D01.02], Paths, tracks, cycling tracks [D01.01], Dispersed habitation [E01.03], Grazing [A04], Peat extraction [C01.03]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SAC is sensitive to direct land use management activities, hydrological interactions and groundwater interactions. This site exists 22.20 km outside of the Draft Plan area. There is no direct surface hydrological connection between the Draft Plan area and this site. However, this European site has groundwater sensitive Qualifying Interests, and shares the same groundwater body as the Draft Plan area (Figure 3.3).</p> <p>This SAC contains groundwater dependent terrestrial ecosystems<sup>55</sup>. In addition, groundwater bodies can play a role in rainwater fed (ombrotrophic) peatland systems<sup>56</sup>. However, this site is hydrologically isolated from the draft Plan boundary as raised bog habitats are domed and are generally primarily rainwater fed and isolated from groundwater<sup>57</sup>.</p> <p>Considering the QIs of this SAC, connectivity to the draft Plan area, and the nature of the draft Plan, there are no pathways for surface hydrological, groundwater, or direct land use management potential effects to this SAC.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>	No	No
004077	River Shannon and River Fergus Estuaries SPA	35.21	Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Greenshank ( <i>Tringa nebularia</i> ) [A164], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Scaup ( <i>Aythya marila</i> ) [A062], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Shoveler ( <i>Anas clypeata</i> )	Roads, motorways [D01.02], Grazing [A04], Peat extraction [C01.03], Sylviculture, forestry [B], Paths, tracks, cycling tracks [D01.01], Dispersed habitation [E01.03]	<p>The Draft Plan provides a framework for land use development and activities with potential for construction and operation source effects throughout the Plan area. This SPA is sensitive to hydrological interactions, direct land use management activities and disturbance effects. This site exists 35.21 km outside of the Draft Plan boundary. There is a direct surface hydrological connection between the Draft Plan area and this site.</p> <p>SCI species are sensitive to disturbance effects; in general distances beyond 2 km are seen to be sufficient to preclude such effects<sup>58,59</sup>. These distances can vary due to factors such as species and/or time of year<sup>60,61</sup>. Given the distance</p>	No	No

<sup>55</sup> A framework for the assessment of groundwater dependent terrestrial ecosystems under the Water Framework Directive (2008). ERC Report 12 - Garrett Kilroy *et al.*

<sup>56</sup> Regan, S., Flynn, R., Gill, L., Naughton, O., & Johnston, P. (2019). Impacts of groundwater drainage on peatland subsidence and its ecological implications on an Atlantic raised bog. *Water Resources Research*, 55, 6153– 6168.

<sup>57</sup> Adapted from NPWS (2019). The Status of EU Protected Habitats and Species in Ireland.

<sup>58</sup> Rudock, M. and Whitfield, D.P., 2007. A review of disturbance distances in selected bird species. A report from Natural Research (Projects) Ltd to Scottish Natural Heritage, 181.

<sup>59</sup> Bright, J.A., Langston, R. and Anthony, S., 2009. Mapped and written guidance in relation to birds and onshore wind energy development in England. Sandy: RSPB.

<sup>60</sup> Bötsch, Y., Tablado, Z. and Jenni, L., 2017. Experimental evidence of human recreational disturbance effects on bird-territory establishment. *Proceedings of the Royal Society B: Biological Sciences*, 284(1858), p.20170846.

<sup>61</sup> Goss-Custard, J.D., Hoppe, C.H., Hood, M.J. and Stillman, R.A., 2020. Disturbance does not have a significant impact on waders in an estuary close to conurbations: importance of overlap between birds and people in time and space. *Ibis*, 162(3), pp.845-862.

Site Code	Site Name	Distance (km)	Qualifying Feature(s) <sup>14</sup>	Known Threats and Pressures	Analysis of Potential Effects	Likelihood of Potential Significant Effects	Likelihood of Potential In-Combination Effects
			[A056], Teal ( <i>Anas crecca</i> ) [A052], Wetland and Waterbirds [A999], Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Wigeon ( <i>Anas penelope</i> ) [A050], Knot ( <i>Calidris canutus</i> ) [A143], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A674], Pintail ( <i>Anas acuta</i> ) [A054], Redshank ( <i>Tringa totanus</i> ) [A162], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Curlew ( <i>Numenius arquata</i> ) [A160], Dunlin ( <i>Calidris alpina</i> ) [A149]		<p>between the Draft Plan area and the SPA there are no pathways for disturbance effects identified.</p> <p>These SCI species are highly vagile and therefore may utilise ex-situ ecological resources which may have interactions with the Draft Plan; however, at this scale landscape characteristics and the availability of alternate resources ensure the local scale interactions with ex-situ resources are not likely to have significant effects on the SPA.</p> <p>Considering the SCIs of this SPA, and given the nature of the Draft Plan and the distance involved between the Plan area and the SPA, there are no pathways for effect via direct land use management or disturbance effects to the SPA. In addition, there is a direct surface hydrological connection between the Draft Plan area and the SPA, however, there is a considerable dilution effect due to the distances involved. Therefore, there are no pathways with a likelihood for potential significant effect for hydrological interactions to the SPA.</p> <p>Thus, there are no sources with pathways with a likelihood for potential significant effects identified as a result of the implementation of the draft Plan, and no further assessment is required.</p>		

### **3.4 Other Plans and Programmes**

Article 6(3) of the Habitats Directive requires an assessment of a plan or project to consider other plans or programmes that might, in combination with the plan or project, have the likelihood for potential significant effects to European sites. Appendix II outlines a selection of plans or projects that may interact with the Plan to cause in-combination effects to European sites such as the Southern Regional Spatial and Economic Strategy, the Tipperary County Development Plan 2022-2028 and Ireland's Hidden Heartlands and Ireland's Ancient East Regional Development Strategies. These plans and programmes were considered throughout the assessment.

All projects within the Plan area and receiving environment will be considered in combination with any and all lower tiers projects that may arise due to the implementation of the Plan. Given the uncertainties that exist with regard to the scale and location of developments facilitated by the Plan, it is recognised that the identification of in-combination effects is limited and that the assessment of in-combination effects will need to be undertaken in a more comprehensive manner at the project-level.

Additional information on the relationship with other plans and programmes is provided at Appendix II.

### **3.5 AA Screening Conclusion**

The potential effects that could arise from the Plan have been examined in the context of several factors that could result in likely significant effect to any European site. On the basis of the findings of this Screening for AA, it is concluded that the Plan:

- Is not directly connected with or necessary to the management of any European site; and
- May, if unmitigated, have likely significant effects on 2 (no.) European sites.

Therefore, a Stage 2 AA is required for the Plan (see Section 4 of this report). An AA Screening Determination undertaken by the planning authority is provided at Figures 3.4 and 3.5.

### Figure 3.4 Screening for Appropriate Assessment Determination



Comhairle Contae Thiobraid Árann  
Tipperary County Council

Comhairle Contae  
Thiobraid Árann,  
Oifigi Cathartha,  
Cluain Meala,  
Co. Thiobraid Árann

Tipperary County Council,  
Civic Offices, Clonmel,  
Co. Tipperary

E91 N512

Comhairle Contae  
Thiobraid Árann,  
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**Screening for Appropriate Assessment Determination**  
Under Section 177U of the Planning and Development Act 2000, as amended,  
for the  
**Emerging Draft Nenagh and Environs Local Area Plan 2024-2030**

In order to comply with the requirements of the Planning and Development Act 2000, as amended, this determination has been made by Tipperary County Council relating to the potential for the emerging Draft Nenagh and Environs Local Area Plan 2024-2030 to have effects on the integrity European Sites.

In making the determination that Appropriate Assessment (AA) is required, the information on the potential effects on the integrity of European Sites arising from the emerging Draft Plan has been taken into account (this information will be placed on public display in the Natura Impact Report alongside the emerging Draft Plan). The process of screening for AA began at an early stage in the drafting of the Plan. The screening process assessed whether the emerging Draft Plan had the potential to have effects on the integrity of any European Site, either alone or in combination with other plans and projects.

The screening process concluded that an AA of the emerging Draft Plan would be required, as the Plan: is not directly connected with or necessary to the management of European Sites; and may, on the basis of objective information, individually, or in combination with other plans and projects, if unmitigated have adverse effects on the integrity of 2 (no.) European Sites.

Factors that could potentially affect the integrity of European Sites include:

- The Plan’s Land Use Zoning Framework, Strategies for Planning and Development, Town Centre and Economic Development, provisions relating to the development of sustainable communities, transport and connectivity, local heritage, infrastructure, energy and utilities that introduce sources for potential effects through construction phase such as habitat loss, light pollution, disturbance effects and hydrological interactions through surface hydrological connectivity or shared groundwater sources;
- Loading pressures from the operational phase of developments – these sources could result in habitat loss/fragmentation, light pollution, disturbance effects and interactions with water quality (surface and/or groundwater); and
- Increases in visitor numbers to ecologically sensitive areas during the operational phase of developments which have potential to introduce sources for significant effects, such as recreational and tourism developments.

Therefore, Stage 2 AA (including the preparation of the Natura Impact Report) is required for the emerging Draft Plan.

The undersigned, having carefully considered the information referred to above agrees with and adopts the reasoning and conclusion presented above. The undersigned hereby determines pursuant to Section 177U of the Planning and Development Act 2000, as amended, and for the purposes of Article 6(3) of the Habitats Directive that it could not be excluded, on the basis of objective information, that the emerging Draft Plan, individually, or in combination with other plans and projects would have a likely adverse effect on the integrity of 2 (no.) European Sites. Therefore, an AA is required.

Signatory:

**Dave Carroll, A/Director of Services for Planning and Development, (including Town Centre First and Just Transition), Emergency Services and Emergency Planning, Libraries/Cultural Services/Biodiversity and Tipperary/Cahir/Cashel MD**

Date: 21/07/23

## Section 4 Stage 2 Appropriate Assessment

### 4.1 Introduction

The Stage 2 AA assesses whether the Draft Plan, alone, or in-combination with other plans, programmes, and/or projects, would result in adverse impacts on the integrity of 2 (no.) European sites brought forward from the screening for AA – i.e., those sites considered in Table 3.1, Section 3, for which a “Likelihood of Potential Significant Effects” and “Likelihood of Potential In-Combination Effects” was identified, with respect to site structure, function, Qualifying Interests, Special Conservation Interests, and Conservation Objectives of each European site considered.

### 4.2 Characterisation of European sites Potentially Affected

The AA Screening identified 2 (no.) European sites with pathway receptors for potential effects arising from the implementation of the Plan. Appendix I characterises each of the qualifying features of 2 (no.) European sites brought forward from Stage 1 in context of each sites’ Qualifying Interests, Special Conservation Interests, and Conservation Objectives (as listed by the NPWS<sup>62</sup>).

### 4.3 Identifying and Characterising Potential Significant Effects

The following parameters can be used when characterising impacts<sup>63</sup>:

**Direct and Indirect Impacts** - An impact can be caused either as a direct or as an indirect consequence of a Plan/Project.

**Magnitude** - Magnitude measures the size of an impact, which is described as high, medium, low, very low or negligible.

**Extent** - The area over that the impact occurs – this should be predicted in a quantified manner.

**Duration** - The time that the effect is expected to last prior to recovery or replacement of the resource or feature.

- Temporary: Up to 1 Year;
- Short Term: The effects would take 1-7 years to be mitigated;
- Medium Term: The effects would take 7-15 years to be mitigated;
- Long Term: The effects would take 15-60 years to be mitigated; and
- Permanent: The effects would take 60+ years to be mitigated.

**Likelihood** – The probability of the effect occurring taking into account all available information.

- Certain/Near Certain: >95% chance of occurring as predicted;
- Probable: 50-95% chance as occurring as predicted;
- Unlikely: 5-50% chance as occurring as predicted; and
- Extremely Unlikely: <5% chance as occurring as predicted.

**Ecologically Significant Impact** - An impact (negative or positive) on the integrity of a defined site or ecosystem and/or the conservation status of habitats or species within a given geographic area.

**Integrity of a Site** - The coherence of its ecological structure and function, across its whole area, which enables it to sustain the habitat, complex of habitats and/or the levels of populations of the species for which it was classified.

The Habitats Directive requires the focus of the assessment at this stage to be on the integrity of the site as indicated by its Conservation Objectives. It is an aim of NPWS to draw up conservation management plans for all areas designated for nature conservation. These plans will, among other things, set clear objectives for the conservation of the features of interest within a site.

Site-Specific Conservation Objectives (SSCOs) have been prepared for a number of European sites. These detailed SSCOs aim to define favourable conservation condition for the qualifying habitats and species at that site by setting targets for appropriate attributes that define the character habitat. The maintenance of the favourable condition for these habitats and species at the site level will contribute to the overall maintenance of favourable conservation status of those habitats and species at a national level.

*Favourable conservation status of a species can be described as being achieved when: ‘population data on the species concerned indicate that it is maintaining itself, and the natural range of the species is neither being reduced or likely to be reduced for the foreseeable future, and there is, and will probably continue to be, a sufficiently large habitat to maintain its populations on a long-term basis.’*

<sup>62</sup> Available at <https://www.npws.ie/protected-sites>.

<sup>63</sup> These descriptions are informed by publications including: Chartered Institute of Ecology and Environmental Management (2016) “Guidelines for ecological impact assessment”; Environmental Protection Agency (2002) “Guidelines on the Information to be contained in Environmental Impact Statements”; and National Roads Authority (2009) “Guidelines for Assessment of Ecological Impacts of National Roads Schemes”.



*Favourable conservation status of a habitat can be described as being achieved when: 'its natural range, and area it covers within that range, is stable or increasing, and the ecological factors that are necessary for its long-term maintenance exist and are likely to continue to exist for the foreseeable future, and the conservation status of its typical species is favourable'.*

Generic Conservation Objective for SACs:

- To maintain or restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species that the SAC has been selected.

One generic Conservation Objective for SPAs:

- To maintain or restore the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA.

#### **4.3.1 Types of Potential Effects**

Assessment of potential impacts on European sites is conducted utilising a standard source-pathway model (see approach referred to under Sections 1.3 and 3).

The 2002 European Commission AA guidance outlines the following potential changes that may occur at a designated site, which may result in effects on the integrity and function of that site: loss/reduction of habitat area; habitat or species fragmentation; disturbance to key species; reduction in species density; changes in key indicators of conservation value (water quality etc.); and climate change.

Relevant potential changes are considered in Table 4.1 with reference to the QIs/SCIs of all of the European sites brought forward from Stage 1 of the AA process (see Section 3).

##### **4.3.1.1 Loss/Reduction of Habitat Area**

The Plan provides a framework for granting consent for land use developments and activities across various sectors (see Plan Description in Section 2). Potential effects arising from developments and activities include disturbance effects through light and noise pollution, dust, hydrological interactions, and airborne pollution.

Various measures have been integrated into the Plan with the objective of ensuring that there are no significant effects on the ecological integrity of any European site, which are provided in Section 5 below. These policies ensure that there will be no loss of habitat or supporting habitat for species that are necessary to maintain the ecological integrity of European sites.

##### **4.3.1.2 Habitat or species Fragmentation**

The Plan provides a framework for granting consent for land use developments and activities across various sectors (see Section 2). Potential effects arising from developments and activities include the fragmentation of habitat and or species through, for example, light pollution, noise pollution or removal of stepping stone habitats.

The Plan includes measures to minimise potential fragmentation and to facilitate the enhancement of ecological corridors such as, planting of native tree species.

Further to the provisions referred to above, there are provisions related to non-designated sites and specific ecological resources and/or habitats such as treelines and waterways that will ensure that habitat or species fragmentation does not occur in relation to the connectivity of the ecological resources necessary to maintain the ecological integrity of European sites. A full list of these mitigation measures is provided in Section 5.

##### **4.3.1.3 Disturbance to Key Species**

The Plan provides a framework for granting consent for land use developments and activities across various sectors (see Section 2).

Disturbance effects are caused by any activity that has potential to alter the movement patterns or distribution of species, for example direct disturbance through human activity/movement as a result of recreation/tourism or noise pollution. Recreational/tourism activities will be managed through provisions from both the Local Area Plan itself, and the existing Tipperary County Development Plan 2022-2028.

Further details on the mitigation measures integrated into the Plan is provided at Section 5.

#### **4.3.1.4 Reduction in species density**

Species densities are reliant on species distributions, habitat condition, connectivity of ecological resources and availability of resources such as prey/food. The Plan introduces potential sources for effects to affect these four determinant factors for species densities in the form of construction phase effects such as hydrological interaction or operational effects such as disturbance effects, habitat encroachment and trampling. However, the Plan contains provisions to enhance biodiversity, landscape and the environment within the Plan area.

The Plan includes provisions related to non-designated sites and specific ecological resources and/or habitats such as treelines and the River Nenagh, that will ensure that habitat or species fragmentation does not occur in relation to the connectivity of the ecological resources necessary to maintain the species' densities and ecological integrity of European sites. Measures are also included in the Plan and/or in the existing Tipperary County Development Plan 2022-2028 that will help protect and improve water quality interactions, which can influence species densities, including those relating to water services infrastructure, protective buffer zones and water quality standards.

#### **4.3.1.5 Changes of Indicators of Conservation Value**

Indicators of conservation value are identified as key ecological resources such as water quality, air quality, habitat quality, population health of ecosystem engineers or 'keystone species' etc. The protection of these resources is a key focus of the Plan and the existing Tipperary County Development Plan 2022-2028.

This Draft Plan contains several robust policies and objectives to ensure the protection of both ground and surface water quality, riverine systems, and habitat quality. Table 5.1 provides a full list of mitigation measures), supported by the policies and objectives contained within the existing Tipperary County Development Plan 2022-2028.

#### **4.3.1.6 Climate change**

Climate provisions within the existing Tipperary Development Plan 2022-2028 provide for policies that will ensure alignment with and adherence to emissions targets locally and nationally. The Local Area Plan includes various provisions, as listed in Section 5 below, that will help to contribute towards climate mitigation, the reduction of emissions and meeting climate targets. Therefore, at the Plan level, greenhouse gas emissions arising from the Plan will not affect changes projected to arise from climate change to the degree that it would affect the QIs or SCIs of the European sites considered.

**Table 4.1 Characterisation of Potential Effects arising from the Plan**

Site Code	Site Name	Characterisation of Potential Effects
002165	Lower River Shannon SAC	<p>The known threats to this site are: silviculture, forestry, fertilisation, management of aquatic and bank vegetation for drainage purposes, grazing, leisure fishing, discharges, sea defence or coast protection works, tidal barrages, hand cutting of peat, removal of beach materials, invasive non-native species, polderisation, nautical sports, air pollution, air-borne pollutants, paths, tracks, cycling tracks, reclamation of land from sea, estuary or marsh, hunting, marine and freshwater aquaculture, eutrophication (natural), urbanised areas, human habitation</p> <p>These pressures relate to: forestry, tourism, direct land use management, agriculture, fisheries, pollution, coastal development, invasive species, urbanisation, land take, waste and human habitation.</p> <p>No direct land take or habitat loss will occur due to implementation of the Plan, whether within any European sites or within any connecting corridors necessary to support the ecological integrity of the site, due to Policy Objectives such as: Policy 7.1, Policy 7.3 and Objective 8B.</p> <p>The development of Nenagh’s built environment with appropriate regard to ecological sensitivities is provided for in the Plan via Policy Objectives such as: Policy 2.5 and Policy 2.1.</p> <p>The appropriate and sustainable management of waste within the Draft Plan boundary is provided for the Plan via Policy Objectives such as: Policy 8.6 and Objective 8C.</p> <p>The provision and maintenance of good water quality standards and services throughout the Plan area relative to pollutants is provided for via policies such as: Policy 8.2, Policy 8.4 and Objective 8A.</p> <p>The sustainable management of tourism in the Plan area is provided for with policies such as: Policy 4.4, Policy 4.5 and Objective 4D.</p> <p>The management of invasive species occurrence and risk is accounted for in the Plan via alignment with and adherence to the Tipperary County Development Plan 2022-2028 Policy Objectives via Policy 1.1 in the Draft Plan. This Policy therefore renders any development or project resulting from the implementation of this Draft Plan subject to compliance with Policy Objectives 11-8 and 11-13<sup>64</sup> of the Tipperary County Development Plan 2022-2028.</p> <p>There are no provisions in the Plan which introduce sources for potential effect from fisheries, coastal development, forestry or agriculture within the Plan area, therefore there are no sources for effects in these regards.</p> <p>For further details in relation to mitigation measures/Policy Objectives incorporated into the Plan please refer to Section 5 below.</p>
004058	Lough Derg (Shannon) SPA	<p>The known threats to this site are: hunting, leisure fishing, fertilisation, nautical sports</p> <p>These pressures relate to: fisheries, tourism, agriculture and human habitation.</p> <p>No direct land take or habitat loss will occur due to implementation of the Plan, whether within any European sites or within any connecting corridors necessary to support the ecological integrity of the site, due to Policy Objectives such as: Policy 7.1, Policy 7.3 and Objective 8B.</p> <p>The development of Nenagh’s built environment with appropriate regard to ecological sensitivities is provided for in the Plan via Policy Objectives such as: Policy 2.5 and Policy 2.1.</p> <p>The appropriate and sustainable management of waste within the Draft Plan boundary is provided for the Plan via Policy Objectives such as: Policy 8.6 and Objective 8C.</p> <p>The sustainable management of tourism in the Plan area is provided for with policies such as: Policy 4.4, Policy 4.5 and Objective 4D.</p> <p>There are no provisions in the Plan which introduce sources for potential effect from fisheries or agriculture within the Plan area, therefore there are no sources for effects in these regards.</p> <p>For further details in relation to mitigation measures/Policy Objectives incorporated into the Plan please refer to Section 5 below.</p>

<sup>64</sup> Tipperary County Development Plan 2022-2028 objectives:

11-8 “Provide for the sustainable development of fisheries, in compliance with the Habitats and Birds Directives, and other ecological protection objectives. New infrastructure should be positioned at already modified locations where feasible; and sedimentation and siltation issues should be considered, with floating infrastructure used where feasible. Fishery related developments may necessitate the preparation of a Visitor/Habitat Management Plan that includes requirements in relation to: sustainable fishing practices that would not affect the ecological site integrity; and invasive species”; and

11-13 “Seek to control the spread of invasive plant and animal species, including consideration of potential pathways for invasive species spread, i.e. watercourses”.

## **Section 5 Mitigation Measures**

### **5.1 Introduction**

This section outlines measures that have been incorporated into the Draft Plan and associated existing Tipperary County Development Plan 2022-2028 in order to mitigate against potential effects to European sites as identified above.

These mitigation measures ensure that there will be no significant effects to the ecological integrity of any European site from implementation of the Plan. The mitigation measures most relevant to the protection of European sites are identified in Table 5.1 below.

### **5.2 Integration of individual provisions into the text of the Draft Local Area Plan and the Tipperary County Development Plan 2022-2028**

Various text-based provisions have been integrated into the text of the Draft Local Area Plan relevant to the protection of European sites through the Plan-preparation and AA and Strategic Environmental Assessment processes.

In addition to the individual provisions integrated into the text of the Draft Local Area Plan, individual provisions relating to the protection of European sites have been integrated into the existing Tipperary County Development Plan 2022-2028.

The most relevant text-based mitigation measures from both the Draft Local Area Plan and the Tipperary County Development Plan 2022-2028 are identified in Table 5.1 below.

**Table 5.1 Measures that will protect European sites and their sustaining resources**

Sources and/or pathways for potential significant effects <sup>65</sup>	Development Objectives / Mitigation Measure(s)
Natural Heritage and Biodiversity	<p><b>Policy 7.1:</b> Protect and conserve the integrity and ecological and biodiversity value of the Nenagh and Ollatrim Rivers as they run through the town. Ensure that any development proposals within or adjacent to the river are appropriately assessed to ensure the protection of water quality and river access.</p> <p><b>Policy 7.3:</b> a) Support the retention of trees of significant amenity value and require public realm proposals to include for urban greening that is appropriate to the character of the area, provides for urban shading, supports biodiversity and provides an appropriate visual setting. b) Support the removal of mature trees, or trees of significant amenity value, only where it can be demonstrated that the loss of the tree(s) is outweighed by the wider public benefits of the proposal. c) Require development proposals which affect trees of significant amenity value to identify trees to be retained, and methods for the protection of those trees to be retained during and post-construction to be set out within development proposals. d) Require new development proposals to incorporate the provision of trees, in accordance with the requirements of Section 3.7 of the Development Management standards of the TCDP.</p> <p><b>Objective 8B:</b> Integrate a Nature Based Approach to SUDS, with a focus on biodiversity as part of new public realm and public sector development in the town.</p> <p><b>Objective 7A:</b> Support and work with the local community, and other stakeholders in the development of blue and green infrastructure in the town, including the development of the Nenagh River Greenway, and in the enhancement of the biodiversity and conservation value of the river corridor.</p> <p><b>Amenity:</b> To provide, preserve and enhance open space, biodiversity and amenity uses. Protect sensitive, biodiverse, riverine and scenic locations from development that would adversely affect the environmental quality/sensitivity of these areas.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>66</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Peatlands, wetlands and surface water courses	<p><b>Policy 7.1:</b> Protect and conserve the integrity and ecological and biodiversity value of the Nenagh and Ollatrim Rivers as they run through the town. Ensure that any development proposals within or adjacent to the river are appropriately assessed to ensure the protection of water quality and river access.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>67</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Water services, groundwater and water quality (*WFD)	<p><b>Policy 8.2:</b> Support the sustainable and efficient use of existing capacity in water services and permit new connections to the Nenagh public and waste water supply. Where local network upgrades are required, to ensure that capacity is provided to individual sites in accordance with the Uisce Éireann Connections Charging Policy and Uisce Éireann's Connections and Developer Service.</p> <p><b>Policy 8.4:</b> Require that all development proposals in Nenagh integrate SUDS and nature-based solutions to SUDS as part of an overall sustainable urban drainage and urban greening approach, unless they are demonstrated to be operationally unfeasible to the satisfaction of the Council.</p>

<sup>65</sup> The measures generally benefit multiple environmental components i.e., a measure providing for the protection of water could beneficially impact upon the protection of biodiversity, flora and fauna, for example. All of the measures included in this table would benefit the protection of European sites.

<sup>66</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>67</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

Sources and/or pathways for potential significant effects <sup>65</sup>	Development Objectives / Mitigation Measure(s)
	<p><b>Objective 8A:</b> Continually progress, in conjunction with Uisce Éireann, water supply and sewer rehabilitation activities, capital maintenance activities, and to continue to monitor the performance of the networks to ensure that the most urgent works are prioritised as required.</p> <p><b>Policy 8.6:</b> Support the upgrade of the Nenagh Waste Water Treatment Plant and require new development proposals to safeguard the strategic function of the plant.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>68</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Tourism	<p><b>Policy 4.4:</b> Support new visitor accommodation, arts and cultural development, orientation and signage to support the tourism industry and the development of tourism linkages/clusters with neighbouring areas and towns in line with current national and local tourism programmes including 'Tipperary Transforming – Tourism Product Development Plan 2020 – 2030.</p> <p><b>Policy 4.5:</b> Support new tourism-based development which enhances employment opportunities, the quality of the environment and contributes to the visitor experience of Nenagh in accordance with the principles of the 'Lough Derg Visitor Experience Development Plan 2020-2024'.</p> <p><b>Objective 4D:</b> Work with project partners, including Fáilte Ireland and the OPW to develop the Nenagh Historical and Cultural Quarter of the arts and cultural activities, new visitor accommodation and activity-based leisure activities to support the tourism industry in the town; and promote and expand physical and cultural tourism linkages with neighbouring areas and towns.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>69</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Built environment	<p><b>Policy 2.5:</b> Facilitate development of existing but non-conforming and long-established uses, to support their continued operation and expansion, provided such does not result in loss of amenity to adjoining properties, adverse impact on the environment, visual detriment to the character of the area or creation of a traffic hazard.</p> <p><b>Policy 2.1:</b> Require the retrofitting of existing structures on brownfield sites, unless it is demonstrated that retrofitting is unfeasible, or redevelopment of the site would provide positive carbon impact through the re-design, construction and use stages of a new building, compared with retrofitting.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>70</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Invasive species	<p>The management of invasive species occurrence and risk is accounted for in the Plan via alignment with and adherence to the Tipperary County Development Plan 2022-2028 policy objectives via Policy 1.1 in the Draft Plan. This policy therefore renders any development or project resulting from the implementation of this Draft Plan subject to compliance with policy objectives 11-8 and 11-13<sup>71</sup> of the Tipperary County Development Plan 2022-2028.</p>

<sup>68</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>69</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>70</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>71</sup> Tipperary County Development Plan 2022-2028 objectives:

Sources and/or pathways for potential significant effects <sup>65</sup>	Development Objectives / Mitigation Measure(s)
Flood Risk Management	<p><b>Policy 8.5:</b> Require proposals for development to comply with requirements of the Planning System and Flood Risk Assessment Guidelines (DEHLG, 2009) and any updated thereof) including providing detailed design specifications as may be required to facilitate the impact of development. The following provisions apply:</p> <p>a) Extensions of existing uses or minor development within flood risk areas will be supported, provided they do not: obstruct important flow paths; introduce a number of people into flood risk areas; entail the storage of hazardous substances; have adverse impacts or impede access to a watercourse, floodplain or flood protection and management facilities; or increase the risk of flooding elsewhere.</p> <p>b) Applications for development on previously developed lands within Flood Zones A or B, shall be subject to site specific flood risk assessment and shall provide details of structural and non-structural flood risk management measures, such as those relating to floor levels, internal layout, flood-resistant construction, flood-resilient construction, emergency response planning and access and egress during flood events.</p> <p>c) Where a Justification Test applies, it must be demonstrated to the satisfaction of the planning authority that the flood risk can be adequately managed, and that the use and the development of the lands will not cause unacceptable impacts elsewhere.</p> <p>d) Require the submission of site-specific Flood Risk Assessments for developments undertaken within Flood Zones A &amp; B and on lands subject to the mid-range future scenario floods extents, as published by the Office of Public Works. These Flood Risk Assessments shall consider climate change impacts and adaptation measures including details of structural and non-structural flood risk management measures, such as those relating to floor levels, internal layout, flood-resistant construction, flood-resilient construction, emergency response planning and access and egress during flood events. Flood Risk Assessments shall apply the precautionary approach recommended in the Guidelines and shall be informed by the advice on the expected impacts of climate change and the allowances to be provided for future flood risk management provided in the OPW's (2019) Flood Risk Management Climate Change Sectoral Adaptation Plan and the guidance on potential future scenarios contained therein.</p> <p>e) Groundwater and pluvial flood risks shall be considered by any site-specific flood risk assessment undertaken at project level, in compliance with the Flood Risk Management Guidelines. For the avoidance of doubt, the Office of Public Works' Preliminary Flood Risk Assessment indicative pluvial maps (2012) are not considered to be reliable for assessing pluvial risk.</p> <p><b>Objective 8D:</b> Support with and work in co-operation with the Office of Public Works in the design, development and implementation of the Nenagh Flood Relief Scheme</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>72</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Light, air & noise pollution	<p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>73</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Climate	<p><b>Policy 2.1:</b> Require the retrofitting of existing structures on brownfield sites, unless it is demonstrated that retrofitting is unfeasible, or redevelopment of the site would provide positive carbon impact through the re-design, construction and use stages of a new building, compared with retrofitting.</p>

- 11-8 "Provide for the sustainable development of fisheries, in compliance with the Habitats and Birds Directives, and other ecological protection objectives. New infrastructure should be positioned at already modified locations where feasible; and sedimentation and siltation issues should be considered, with floating infrastructure used where feasible. Fishery related developments may necessitate the preparation of a Visitor/Habitat Management Plan that includes requirements in relation to: sustainable fishing practices that would not affect the ecological site integrity; and invasive species"; and
- 11-13 "Seek to control the spread of invasive plant and animal species, including consideration of potential pathways for invasive species spread, i.e. watercourses".

<sup>72</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>73</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

Sources and/or pathways for potential significant effects <sup>65</sup>	Development Objectives / Mitigation Measure(s)
	<p><b>Objective 5A:</b> Support the local community and relevant sectors in engaging in programmes such as 'the SEAI Sustainable Energy Community' through the provisions of the Tipperary Climate Action Plan and Delivering Climate Action 2030 (CCMA, 2021). In preparing sectoral adaptation plans and sustainable energy and climate action initiatives, including in the preparation of an Energy Master Plan and in the identification and use of local renewable energy sources.</p> <p><b>Policy 6.1:</b> Support new development that will improve accessibility and movement within Nenagh, reduce dependency on private car transport, increase permeability in the town, and encourage the use of energy efficient forms of transport through the promotion of walking, cycling and public transport.</p> <p><b>Policy 8.1:</b> Support the use of renewable energy technologies at appropriate scales in residential, commercial and community developments and support the principle of on-site energy generation for self-consumption.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>74</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Green / Blue Infrastructure	<p><b>Policy 7.2:</b> Support the development of a greenway along the Nenagh river, subject to planning, design and environment criteria and assessment</p> <p><b>Objective 7A:</b> Support and work with the local community, and other stakeholders in the development of blue and green infrastructure in the town, including the development of the Nenagh River Greenway, and in the enhancement of the biodiversity and conservation value of the river corridor.</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>75</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>
Waste Management	<p><b>Objective 8C:</b> Support the sustainable management of waste and enable a significant reduction in the production of waste in Nenagh, in line with the principles of the Waste Action Plan for a Circular Economy (DECC, 2021).</p> <p><b>Policy 1.1 / Alignment with and adherence to the policies and objectives contained within the Tipperary County Development Plan 2022-2028:</b> Assess all new development proposals within the boundary of the Nenagh and Environs Local Area Plan 2024-2030 in accordance with the policies, objectives and requirements of the Tipperary County Development Plan 2022-2028 (and any review thereof), and this Plan. Where conflicts arise, the Tipperary County Development Plan 2022-2028 (and any review thereof) shall have primacy in decision-making<sup>76</sup>.</p> <p><b>Objective 10A:</b> Undertake a programme of monitoring and evaluation of the LAP over its lifetime in accordance with the monitoring framework and methodology prepared for the TCDP 2022.</p>

<sup>74</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>75</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.

<sup>76</sup> Provisions from the County Development Plan identified as mitigation in the SEA Environmental Report and Natura Impact Report shall apply regardless of whether the County Development Plan is varied and/or reviewed and/or expires.



## Section 6 Conclusion

This report informs the competent authority undertaking the Appropriate Assessment process that the Implementation of the Draft Plan has the potential to result in potential significant effects to the ecological integrity of 2 (no.) European sites, if unmitigated.

The risks to the safeguarding and integrity of the Qualifying Interests, Special Conservation Interests and Conservation Objectives of the European sites have been addressed by the inclusion of mitigation measures into the Draft Plan that will, in addition to the measures already in force through the Tipperary County Development Plan 2022-2028, prioritise the avoidance of effects in the first place and mitigate against the identified potential significant effects where these cannot be avoided. In addition, all lower-level plans and projects arising through the implementation of the Plan will themselves be subject to the Appropriate Assessment process.

In-combination effects from interactions with other plans and projects was considered in the assessment and the mitigation measures incorporated into the Draft Plan are seen to be robust to ensure there will be no significant effects as a result of the implementation of the Plan either alone or in-combination with other plans/projects.

Considering measures already in force through the Tipperary County Development Plan 2022-2028 and having incorporated mitigation measures into the Local Area Plan, this report demonstrates that the Draft Nenagh and Environs Local Area Plan 2024-2030 is not foreseen to give rise to any significant adverse effects to designated European sites, alone or in combination with other plans or projects<sup>77</sup> and informs the competent authority undertaking the Appropriate Assessment process to this effect. This evaluation is made in view of the conservation objectives of the habitats and/or species, for which these sites have been designated.

The AA process is ongoing and will be concluded upon adoption of the Plan.

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<sup>77</sup> 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 plan to proceed; and  
c) Adequate compensatory measures in place.

## Appendix I Background information on European sites

### List of European sites within 15 km of the Plan boundary; including the Qualifying features (Qualifying Interests or Special Conservation Interests) and Site Vulnerability/Sensitivity

Site Code	Site Name	Qualifying Feature	Pressure Codes	Known Threats and Pressures
000216	River Shannon Callows SAC	Alkaline fens [7230], Limestone pavements [8240], Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ) [91E0], Otter ( <i>Lutra lutra</i> ) [1355], Molinia meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinia caeruleae</i> ) [6410], Lowland hay meadows ( <i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i> ) [6510]	B06, B02.02, A03.03, A08, G01, A07, D01.01, J02.05.02, J02.11, A04.01, F03.01, G05.01, A04.02.05, A03, J02.04.01, J02.05, K03.04, A04.03, C01.03.02, J02.01, A10.01	Grazing in forests or woodland, forestry clearance, abandonment or lack of mowing, fertilisation, outdoor sports and leisure activities, recreational activities, use of biocides, hormones and chemicals, paths, tracks, cycling tracks, modifying structures of inland water courses, siltation rate changes, dumping, depositing of dredged deposits, intensive grazing, hunting, trampling, overuse, non-intensive mixed animal grazing, mowing or cutting of grassland, flooding, modification of hydrographic functioning, general, predation, abandonment of pastoral systems lack of grazing, mechanical removal of peat, landfill, land reclamation and drying out, general, removal of hedges and copses or scrub
000647	Kilcarren-Firville Bog SAC	Active raised bogs [7110], Depressions on peat substrates of the Rhynchosporion [7150], Degraded raised bogs still capable of natural regeneration [7120]	A03, B01, A04, A10, A08, C01.03, D01.02, J01	Mowing or cutting of grassland, forest planting on open ground, grazing, restructuring agricultural land holding, fertilisation, peat extraction, roads, motorways, fire and fire suppression
000939	Silvermine Mountains SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010], Species-rich <i>Nardus</i> grasslands, on siliceous substrates in mountain areas - and submountain areas in Continental Europe [6230]	A04.02.01, M02.01, A04.01	Non intensive cattle grazing, habitat shifting and alteration, intensive grazing
001197	Keeper Hill SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010], Blanket bogs * if active bog [7130]	D02.03, D01.01, K01.01, G01.03.01, G01.03.02, X	Communication masts and antennas, paths, tracks, cycling tracks, erosion, regular motorized driving, off-road motorized driving, no threats or pressures
002124	Bolingbrook Hill SAC	European dry heaths [4030], Species-rich <i>Nardus</i> grasslands, on siliceous substrates in mountain areas - and submountain areas in Continental Europe [6230], Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010]	A10.01, G05.07, X, J01, B02, D01.01	Removal of hedges and copses or scrub, missing or wrongly directed conservation measures, no threats or pressures, fire and fire suppression, forest and plantation management & use, paths, tracks, cycling tracks
002165	Lower River Shannon SAC	Atlantic salt meadows ( <i>Glauco-Puccinellietalia maritimae</i> ) [1330], Large shallow inlets and bays [1160], Mediterranean salt meadows ( <i>Juncetalia maritimi</i> ) [1410], Coastal lagoons [1150], Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ) [91E0], Reefs [1170], Bottlenose dolphin ( <i>Tursiops truncatus</i> ) [1349], Brook lamprey ( <i>Lampetra planeri</i> ) [1096], Perennial vegetation of stony banks [1220], Estuaries [1130], Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation [3260], <i>Salicornia</i> and other annuals colonising mud and sand [1310], Freshwater pearl mussel ( <i>Margaritifera margaritifera</i> ) [1029], Atlantic salmon ( <i>Salmo salar</i> ) [1106], Vegetated sea cliffs of the Atlantic and Baltic coasts [1230], Molinia meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinia caeruleae</i> ) [6410], Sea lamprey ( <i>Petromyzon marinus</i> ) [1095], River lamprey ( <i>Lampetra fluviatilis</i> ) [1099], Otter ( <i>Lutra lutra</i> ) [1355], Sandbanks which are slightly covered by sea water all the time [1110], Mudflats and sandflats not covered by seawater at low tide [1140]	B, A08, J02.10, A04, F02.03, E03, J02.12.01, C01.03.01, C01.01.02, I01, J02.01.01, G01.01, H04, D01.01, J02.01.02, F03.01, F01, K02.03, E01	Sylviculture, forestry, fertilisation, management of aquatic and bank vegetation for drainage purposes, grazing, leisure fishing, discharges, sea defence or coast protection works, tidal barrages, hand cutting of peat, removal of beach materials, invasive non-native species, polderisation, nautical sports, air pollution, air-borne pollutants, paths, tracks, cycling tracks, reclamation of land from sea, estuary or marsh, hunting, marine and freshwater aquaculture, eutrophication (natural), urbanised areas, human habitation
002206	Scohaboy (Sopwell) Bog SAC	Degraded raised bogs still capable of natural regeneration [7120]	C01.03.02, J02.01, B02.02, I02, J02.15, C01.03, J01, I01, J01.02	Mechanical removal of peat, landfill, land reclamation and drying out, general, forestry clearance, problematic native species, other human induced changes in hydraulic conditions, peat extraction, fire and fire suppression, invasive non-native species, suppression of natural fires
002207	Arragh More (Derrybreen) Bog SAC	Degraded raised bogs still capable of natural regeneration [7120]	I02, B02.02, J02.15, J02.01, J01.01, C01.03.02, I01	Problematic native species, forestry clearance, other human induced changes in hydraulic conditions, landfill, land reclamation and drying out, general, burning down, mechanical removal of peat, invasive non-native species
002241	Lough Derg, North-East Shore SAC	Alkaline fens [7230], <i>Juniperus communis</i> formations on heaths or calcareous grasslands [5130], Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i> [7210], <i>Taxus baccata</i> woods of the British Isles [91J0], Limestone pavements [8240], Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ) [91E0]	G02.09, C01, H01, I01, J02.10, M01.01, B02.01.01, G01, D01.01, A08, J02.01.03, K02.03, A04.02.05, M01.03, A04.01, D03.01.02, H01.08, M01.02, A10.01, J02, I02, K02.01	Wildlife watching, mining and quarrying, pollution to surface waters (limnic & terrestrial, marine & brackish), invasive non-native species, management of aquatic and bank vegetation for drainage purposes, temperature changes (e.g., rise of temperature & extremes), forest replanting (native trees), outdoor sports and leisure activities, recreational activities, paths, tracks, cycling tracks, fertilisation, infilling of ditches, dykes, ponds, pools, marshes or pits, eutrophication (natural), non intensive mixed animal grazing, flooding and rising precipitations, intensive grazing, piers or tourist harbours or recreational piers, diffuse pollution to surface waters due to

Site Code	Site Name	Qualifying Feature	Pressure Codes	Known Threats and Pressures
				household sewage and waste waters, droughts and less precipitations, removal of hedges and copses or scrub, human induced changes in hydraulic conditions, problematic native species, species composition change (succession)
002258	Silvermines Mountains West SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> [4010], Calaminarian grasslands of the <i>Violetalia calaminariae</i> [6130], European dry heaths [4030]	X, D01.01, G01.03, A04.02.04, A04.02.03, G01.02, C01.04, J01	No threats or pressures, paths, tracks, cycling tracks, motorised vehicles, non intensive goat grazing, non intensive horse grazing, walking, horse-riding and non-motorised vehicles, mines, fire and fire suppression
004058	Lough Derg (Shannon) SPA	Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Common tern ( <i>Sterna hirundo</i> ) [A193], Wetland and Waterbirds [A999], Goldeneye ( <i>Bucephala clangula</i> ) [A067], Tufted Duck ( <i>Aythya fuligula</i> ) [A061]	F03.01, F02.03, A08, G01.01	Hunting, leisure fishing, fertilisation, nautical sports
004077	River Shannon and River Fergus Estuaries SPA	Greenshank ( <i>Tringa nebularia</i> ) [A164], Golden Plover ( <i>Pluvialis apricaria</i> ) [A140], Whooper Swan ( <i>Cygnus cygnus</i> ) [A038], Scaup ( <i>Aythya marila</i> ) [A062], Light-bellied Brent Goose ( <i>Branta bernicla hrota</i> ) [A674], Pintail ( <i>Anas acuta</i> ) [A054], Grey Plover ( <i>Pluvialis squatarola</i> ) [A141], Ringed Plover ( <i>Charadrius hiaticula</i> ) [A137], Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) [A179], Shelduck ( <i>Tadorna tadorna</i> ) [A048], Shoveler ( <i>Anas clypeata</i> ) [A056], Teal ( <i>Anas crecca</i> ) [A052], Wetland and Waterbirds [A999], Dunlin ( <i>Calidris alpina</i> ) [A149], Wigeon ( <i>Anas penelope</i> ) [A050], Knot ( <i>Calidris canutus</i> ) [A143], Lapwing ( <i>Vanellus vanellus</i> ) [A142], Black-tailed Godwit ( <i>Limosa limosa</i> ) [A156], Redshank ( <i>Tringa totanus</i> ) [A162], Bar-tailed Godwit ( <i>Limosa lapponica</i> ) [A157], Cormorant ( <i>Phalacrocorax carbo</i> ) [A017], Curlew ( <i>Numenius arquata</i> ) [A160]	F01, E03, G01.01, D03.02, E01, E02, A08	Marine and freshwater aquaculture, discharges, nautical sports, shipping lanes, urbanised areas, human habitation, industrial or commercial areas, fertilisation
004165	Slievefelim to Silvermines Mountains SPA	Hen harrier ( <i>Circus cyaneus</i> ) [A082]	B, D01.02, D01.01, E01.03, A04, C01.03	Sylviculture, forestry, roads, motorways, paths, tracks, cycling tracks, dispersed habitation, grazing, peat extraction
004168	Slieve Aughty Mountains SPA	Merlin ( <i>Falco columbarius</i> ) [A098], Hen harrier ( <i>Circus cyaneus</i> ) [A082]	D01.02, A04, C01.03, B, D01.01, E01.03	Roads, motorways, grazing, peat extraction, sylviculture, forestry, paths, tracks, cycling tracks, dispersed habitation

**List of all Qualifying Interests of SACs that have undergone Assessment including Summaries of Current Threats and Sensitivity to Effects**

EU Code	Qualifying Interests	Article 17 Report Summary - Threats and Pressures	Threats and Pressures Codes	Known Threats and Pressures	Sensitivity of Qualifying Interests
[1029]	Freshwater Pearl Mussel ( <i>Margaritifera margaritifera</i> )	The pressures facing this species come from a wide variety of sources (e.g., pollution from urban wastewater, development activities, farming and forestry), often quite removed from the species' habitat. Flow changes, caused by land drainage are also a significant pressure facing the species.	A26, A31, B23, B27, C05, D02, F12, F28, F31, F33	Agricultural activities generating diffuse pollution to surface or ground waters, drainage for use as agricultural land, forestry activities generating pollution to surface or ground waters, modification of hydrological conditions, or physical alteration of water bodies and drainage for forestry (including dams), peat extraction, hydropower (dams, weirs, run-off-the-river), including infrastructure, discharge of urban waste water (excluding storm overflows and/or urban run-offs) generating pollution to surface or ground water, modification of flooding regimes, flood protection for residential or recreational development, other modification of hydrological conditions for residential or recreational development, abstraction of ground and surface waters (including marine) for public water supply and recreational use	Surface water dependent. Highly sensitive to hydrological change. Very highly sensitive to pollution.
[1095]	Sea Lamprey ( <i>Petromyzon marinus</i> )	Most of the pressures on Sea Lampreys are associated with hydropower infrastructure, reduction of prey populations due to overharvesting, drainage and the use of both natural and synthetic fertilisers. Changes in rainfall due to climate change is also considered a significant pressure on the species.	A19, A20, A31, D02, G01, N01, N02, N03, Xo	Application of natural fertilisers on agricultural land, application of synthetic (mineral) fertilisers on agricultural land, drainage for use as agricultural land, hydropower (dams, weirs, run-off-the-river), including infrastructure, marine fishing and shellfish harvesting (professional, recreational) causing reduction of species/prey populations and disturbance of species, temperature changes (e.g., rise of temperature & extremes) due to climate change, increases or changes in precipitation due to climate change, threats and pressures from outside the member state	Marine water dependent. Low sensitivity to hydrological changes. Coastal development, trampling from recreational activity.
[1096]	Brook Lamprey ( <i>Lampetra planeri</i> )	Most of the pressures on Brook Lampreys are associated with drainage for agriculture, the use of both natural and synthetic fertilisers, tree removal. Infrastructure related to hydropower along with pollution to ground and surface water and the discharge of waste water are also considered pressures.	A19, A20, A31, B09, D02, F11, F12, N01, N02	Application of natural fertilisers on agricultural land, application of synthetic (mineral) fertilisers on agricultural land, drainage for use as agricultural land, clear-cutting, removal of all trees, hydropower (dams, weirs, run-off-the-river), including infrastructure, pollution to surface or ground water due to urban runoffs, discharge of urban waste water (excluding storm overflows and/or urban run-offs) generating pollution to surface or ground water, temperature changes (e.g., rise of temperature & extremes) due to climate change	Surface water dependent. Highly sensitive to hydrological change. Availability of suitable spawning ground is a considerable issue for the species.
[1099]	River Lamprey ( <i>Lampetra fluviatilis</i> )	The main pressures on River Lampreys are associated with hydropower infrastructure and changes in rainfall due to climate change. The use of synthetic and natural fertilisers, drainage and also infrastructure related to shipping are also considered to be pressures on the species.	A19, A20, A31, D02, E03, N01, N02, N03	Application of natural fertilisers on agricultural land, application of synthetic (mineral) fertilisers on agricultural land, drainage for use as agricultural land, hydropower (dams, weirs, run-off-the-river), including infrastructure, shipping lanes, ferry lanes and anchorage infrastructure (e.g., canalisation, dredging), temperature changes (e.g., rise of temperature & extremes) due to climate change, increases or changes in precipitation due to climate change	Surface water dependent. Highly sensitive to hydrological change. Availability of suitable spawning ground is a considerable issue for the species.
[1106]	Salmon ( <i>Salmo salar</i> )	Known pressures include exploitation at sea in commercial fisheries, interceptor fisheries in coastal waters, aquaculture and predation. In addition, the negative influence of climate change on prey structure as well as alterations in habitat and water quality are also pressures on the species.	A25, A26, B23, D02, F12, F28, G11, G19, G20, I02, J01, K05, L06, N01	Agricultural activities generating point source pollution to surface or ground waters, agricultural activities generating diffuse pollution to surface or ground waters, forestry activities generating pollution to surface or ground waters, hydropower (dams, weirs, run-off-the-river), including infrastructure, discharge of urban waste water (excluding storm overflows and/or urban run-offs) generating pollution to surface or ground water, modification of flooding regimes, flood protection for residential or recreational development, illegal harvesting, collecting and taking, other impacts from marine aquaculture, including infrastructure, abstraction of water, flow diversion, dams and other modifications of hydrological conditions for freshwater aquaculture, other invasive alien species (other than species of union concern), mixed source pollution to surface and ground waters (limnic and terrestrial), physical alteration of water bodies, interspecific relations (competition, predation, parasitism, pathogens), temperature changes (e.g., rise of temperature & extremes) due to climate change	Disease, parasites and barriers to movement.
[1110]	Sandbanks which are slightly covered by sea water all the time	No significant pressures were identified acting on this habitat.	Xxp, Xxt	No pressures, no threats	None identified.
[1130]	Estuaries	Most of the pressures on estuaries come from various sources of pollution, including domestic wastewater, agriculture and marine aquaculture. Alien invasive species such as the naturalised Pacific	A28, F20, G16, I02, XU	Agricultural activities generating marine pollution, residential or recreational activities and structures generating marine pollution (excl. marine macro- and micro-particular pollution, marine aquaculture generating marine pollution, other invasive alien species (other than species of union concern), unknown pressure	Inappropriate development, changes in turbidity

EU Code	Qualifying Interests	Article 17 Report Summary - Threats and Pressures	Threats and Pressures Codes	Known Threats and Pressures	Sensitivity of Qualifying Interests
		oyster ( <i>Magalana gigas</i> ) are also recognised as a significant pressure			
[1140]	Mudflats and sandflats not covered by seawater at low tide	Pressures on mudflats and sandflats are partly caused by pollution from agricultural, forestry and wastewater sources, as well as impacts associated with marine aquaculture, particularly the Pacific oyster ( <i>Magallana gigas</i> ).	A28, F20, G16	Agricultural activities generating marine pollution, residential or recreational activities and structures generating marine pollution (excl. marine macro- and micro-particular pollution, marine aquaculture generating marine pollution)	Surface and marine water dependent. Moderately sensitive to hydrological change. Moderate sensitivity to pollution. Changes to salinity and tidal regime. Coastal development.
[1150]	Coastal lagoons	Several high-ranking pressures were identified acting on this habitat: eutrophication, modification of hydrological flow, and drainage. Other pressures noted include erosion and silting up, accumulation of seaweed, and sedimentation from peat related to turf cutting and/or forestry.	C12, J02, K02, K04, L01, L03, N04	Extraction activities generating marine pollution, mixed source marine water pollution (marine and coastal), drainage, modification of hydrological flow, abiotic natural processes (e.g., erosion, silting up, drying out, submersion, salinization), accumulation of organic material, sea-level and wave exposure changes due to climate change	Erosion and silting up. Accumulation of seaweed. Land use management resulting in hydrological interactions.
[1160]	Large shallow inlets and bays	Pressures on the habitat include nutrient enrichment, dredging and invasive alien species.	A28, B23, F20, G01, G16, I02	Agricultural activities generating marine pollution, forestry activities generating pollution to surface or ground waters, residential or recreational activities and structures generating marine pollution (excl. marine macro- and micro-particular pollution, marine fishing and shellfish harvesting (professional, recreational) causing reduction of species/prey populations and disturbance of species, marine aquaculture generating marine pollution, other invasive alien species (other than species of union concern)	Inappropriate development, changes in turbidity, surface water runoff, discharge etc. On site management activities.
[1170]	Reefs	The main pressures on reefs come from fishing methods that damage the seafloor.	G01, G03	Marine fishing and shellfish harvesting (professional, recreational) causing reduction of species/prey populations and disturbance of species, marine fish and shellfish harvesting (professional, recreational) activities causing physical loss and disturbance of seafloor habitats	Sensitive to disturbance and pollution.
[1220]	Perennial vegetation of stony banks	The main pressures on this habitat are associated with coastal defences (which can interfere with sediment dynamics), recreation and shingle removal.	C01, E01, F07, F08, F09, I02	Extraction of minerals (e.g., rock, metal ores, gravel, sand, shell), roads, paths, railroads and related infrastructure (e.g., bridges, viaducts, tunnels), sports, tourism and leisure activities, modification of coastline, estuary and coastal conditions for development, use and protection of residential, commercial, industrial and recreational infrastructure and areas (including sea defence or coast protection works and infrastructures), deposition and treatment of waste/garbage from household/recreational facilities, other invasive alien species (other than species of union concern)	Marine water dependent. Low sensitivity to hydrological changes. Coastal development, trampling from recreational activity and gravel removal.
[1230]	Vegetated sea cliffs of the Atlantic and Baltic coasts	A number of significant pressures were identified, including trampling by walkers, invasive non-native species, gravel extraction, and sea-level and wave exposure changes due to climate change.	C01, E01, F07, F08, I02, N03, N04	Extraction of minerals (e.g., rock, metal ores, gravel, sand, shell), roads, paths, railroads and related infrastructure (e.g., bridges, viaducts, tunnels), sports, tourism and leisure activities, modification of coastline, estuary and coastal conditions for development, use and protection of residential, commercial, industrial and recreational infrastructure and areas (including sea defence or coast protection works and infrastructures), other invasive alien species (other than species of union concern), increases or changes in precipitation due to climate change, sea-level and wave exposure changes due to climate change	Land use activities such as tourism and/or agricultural practices. Direct alteration to the habitat or effects such as burning or drainage.
[1310]	Salicornia and other annuals colonising mud and sand	Pressures on Salicornia mud are caused by alien species and overgrazing by livestock	A09, I02	Intensive grazing or overgrazing by livestock, other invasive alien species (other than species of union concern)	Marine water dependent. Medium sensitivity to hydrological change. Changes in salinity and tidal regime. Infilling, reclamation, invasive species.
[1330]	Atlantic salt meadows ( <i>Glauco-Puccinellietalia maritimae</i> )	The main pressures on Atlantic salt meadows are from agriculture, including ecologically unstable grazing regimes and land reclamation, and the invasive non-native species common cord-grass ( <i>Spartina anglica</i> ).	A09, A33, A36, F07, F08, I02	Intensive grazing or overgrazing by livestock, modification of hydrological flow or physical alternation of water bodies for agriculture (excluding development and operation of dams), agriculture activities not referred to above, sports, tourism and leisure activities, modification of coastline, estuary and coastal conditions for development, use and protection of residential, commercial, industrial and recreational infrastructure and areas (including sea defence or coast protection works and infrastructures), other invasive alien species (other than species of union concern)	Marine and groundwater dependent. Medium sensitivity to hydrological change. Changes in salinity and tidal regime. Overgrazing, erosion and accretion.

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[1349]	Bottlenose Dolphin ( <i>Tursiops truncatus</i> )	Pressures on this species in Irish waters mainly involve commercial vessel-based activities such as impacts arising from geophysical seismic exploration or from local/regional prey removal by fisheries.	C09, G01	Geotechnical surveying, marine fishing and shellfish harvesting (professional, recreational) causing reduction of species/prey populations and disturbance of species	Large vessel movement effecting distributions. Prey availability, reduction in available habitat and water quality.
[1355]	Otter ( <i>Lutra lutra</i> )	There are no pressures facing this species	Xxp, Xxt	No pressures, no threats	Surface and marine water dependent. Moderately sensitive to hydrological change. Sensitivity to pollution.
[1410]	Mediterranean salt meadows ( <i>Juncetalia maritimi</i> )	Most of the pressures on Mediterranean salt meadows are associated with agriculture, including overgrazing, under-grazing and land reclamation.	A09, A10, A33, A36	Intensive grazing or overgrazing by livestock, extensive grazing or under grazing by livestock, modification of hydrological flow or physical alternation of water bodies for agriculture (excluding development and operation of dams), agriculture activities not referred to above	Marine and groundwater dependent. Medium sensitivity to hydrological change. Changes in salinity and tidal regime. Coastal development and reclamation.
[3260]	Water courses of plain to montane levels with vegetation ( <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> )	The majority of pressures on this habitat are caused by damage through hydrological and morphological change, eutrophication and other water pollution.	A25, A26, B23, C05, F11, F12, F13, K01, K04, K05	Agricultural activities generating point source pollution to surface or ground waters, agricultural activities generating diffuse pollution to surface or ground waters, forestry activities generating pollution to surface or ground waters, peat extraction, pollution to surface or ground water due to urban runoffs, discharge of urban waste water (excluding storm overflows and/or urban run-offs) generating pollution to surface or ground water, plants, contaminated or abandoned industrial sites generating pollution to surface or ground water, abstraction from groundwater, surface water or mixed water, modification of hydrological flow, physical alteration of water bodies	Surface water dependent Highly sensitive to hydrological change and direct physical interactions.
[4010]	Northern Atlantic wet heaths with Erica tetralix	Overgrazing, burning, wind farm development and erosion are the main pressures associated with this habitat, along with nitrogen deposition from agricultural activities that generate air pollution.	A09, A11, A27, B01, D01, L01, N01, N02	Intensive grazing or overgrazing by livestock, burning for agriculture, agricultural activities generating air pollution, conversion to forest from other land uses, or afforestation (excluding drainage), wind, wave and tidal power, including infrastructure, abiotic natural processes (e.g., erosion, silting up, drying out, submersion, salinization), temperature changes (e.g., rise of temperature & extremes) due to climate change	Surface and groundwater dependent. Highly sensitive to hydrological changes. Inappropriate management.
[4030]	European dry heaths	A number of significant pressures were recorded for this habitat in the current reporting period, particularly overgrazing by sheep and burning for agriculture with afforestation and wind farms also being recognised as pressures.	A09, A11, B01, D01, N01, N02	Intensive grazing or overgrazing by livestock, burning for agriculture, conversion to forest from other land uses, or afforestation (excluding drainage), wind, wave and tidal power, including infrastructure, temperature changes (e.g., rise of temperature & extremes) due to climate change	Moderately sensitive to hydrological change. Changes in management. Changes in nutrient status.
[5130]	Juniperus communis formations on heaths or calcareous grasslands	The pressures associated with this habitat are associated with overgrazing, erosion and scrub removal.	Xxp, Xxt	No pressures, no threats	Changes in management such as grazing regime. Changes in nutrient or base status. Changes to vegetation composition. Introduction of alien species.
[6130]	Calaminarian grasslands of the Murawy galmanowa ( <i>Violetalia calaminariae</i> )	Pressures on this habitat are associated with abiotic natural processes (leaching of metals) and succession, as well as impacts from recreational activities (walking/hiking).	F07, L01, L02	Sports, tourism and leisure activities, abiotic natural processes (e.g., erosion, silting up, drying out, submersion, salinization), natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices)	Changes in management such as grazing regime. Changes in nutrient or base status. Changes to vegetation composition. Introduction of alien species.
[6230]	Species-rich Nardus grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe)	The main pressures on this habitat are due to bracken encroachment and succession.	I04, L02	Problematic native species, natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices)	Changes in management such as grazing regime. Changes in nutrient or base status. Changes to vegetation composition. Introduction of alien species.
[6410]	Molinia meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinion caeruleae</i> )	The main pressures on the habitat are associated with agricultural intensification (e.g., land drainage, fertiliser application), under-grazing and forestry.	A02, A06, A10, A14, A31, B01	Conversion from one type of agricultural land use to another (excluding drainage and burning), abandonment of grassland management (e.g., cessation of grazing or of mowing), extensive grazing or under grazing by livestock, livestock farming (without grazing), drainage for use as agricultural land, conversion to forest from other land uses, or afforestation (excluding drainage)	Changes in management such as grazing regime. Changes in nutrient or base status. Changes to vegetation composition. Introduction of alien species.

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[6510]	Lowland hay meadows ( <i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i> )	The main pressures associated with this habitat are due to agricultural intensification (fertiliser application) and changes in agricultural practices.	A02, A06, A14, A19, A20	Conversion from one type of agricultural land use to another (excluding drainage and burning), abandonment of grassland management (e.g., cessation of grazing or of mowing), livestock farming (without grazing), application of natural fertilisers on agricultural land, application of synthetic (mineral) fertilisers on agricultural land	Changes in management such as grazing regime. Changes in nutrient or base status. Changes to vegetation composition. Introduction of alien species.
[7110]	Active raised bogs	The main pressures on active raised bog are peat extraction, drainage, afforestation and burning.	A11, B01, C05, K02, N01	Burning for agriculture, conversion to forest from other land uses, or afforestation (excluding drainage), peat extraction, drainage, temperature changes (e.g., rise of temperature & extremes) due to climate change	Surface water interactions. Groundwater isolated system with sensitivities related to the bog basin. Drainage and land use management are the key things.
[7120]	Degraded raised bogs still capable of natural regeneration	The main pressure on degraded bogs come from peat extraction, drainage, afforestation and burning.	A11, B01, C05, K02, N01	Burning for agriculture, conversion to forest from other land uses, or afforestation (excluding drainage), peat extraction, drainage, temperature changes (e.g., rise of temperature & extremes) due to climate change	Surface water interactions. Groundwater isolated system with sensitivities related to the bog basin. Drainage and land use management are the key things.
[7130]	Blanket bogs (* if active bog)	The main pressures on blanket bogs are overgrazing, burning, afforestation, peat extraction, and agricultural activities causing nitrogen deposition. Erosion, drainage and wind farm construction are also pressures relating to this habitat.	A09, A11, A27, B01, C05, D01, K02, L01, N01, N02	Intensive grazing or overgrazing by livestock, burning for agriculture, agricultural activities generating air pollution, conversion to forest from other land uses, or afforestation (excluding drainage), peat extraction, wind, wave and tidal power, including infrastructure, drainage, abiotic natural processes (e.g., erosion, silting up, drying out, submersion, salinization), temperature changes (e.g., rise of temperature & extremes) due to climate change	Surface water interactions. Drainage and land use management are the key things.
[7150]	Depressions on peat substrates of the Rhynchosporion	The main pressures on the habitat are associated with impacts on the supporting bog habitats, especially overgrazing, burning, peat extraction, drainage and conversion to forestry.	A09, A11, B01, C05, K02, N01	Intensive grazing or overgrazing by livestock, burning for agriculture, conversion to forest from other land uses, or afforestation (excluding drainage), peat extraction, drainage, temperature changes (e.g., rise of temperature & extremes) due to climate change	Surface and ground water interactions. Drainage and land use management are the key things.
[7210]	Calcareous fens with species of mariscus sedge and bog cotton ( <i>Cladium mariscus</i> and <i>Caricion davallianae</i> )	Overgrazing, groundwater pollution, abandonment of grassland management and drainage are pressures associated with this habitat.	A06, A09, C05, J01, K01, K02, K04	Abandonment of grassland management (e.g., cessation of grazing or of mowing), intensive grazing or overgrazing by livestock, peat extraction, mixed source pollution to surface and ground waters (limnic and terrestrial), abstraction from groundwater, surface water or mixed water, drainage, modification of hydrological flow	Surface and groundwater dependent. Highly sensitive to hydrological changes. Inappropriate management.
[7230]	Alkaline fens	The main pressures facing this habitat are land abandonment (and associated succession), overgrazing, drainage and pollution.	A06, A09, A26, J01, K01, K02, K04, L02, N02, N03	Abandonment of grassland management (e.g., cessation of grazing or of mowing), intensive grazing or overgrazing by livestock, agricultural activities generating diffuse pollution to surface or ground waters, mixed source pollution to surface and ground waters (limnic and terrestrial), abstraction from groundwater, surface water or mixed water, drainage, modification of hydrological flow, natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices), temperature changes (e.g., rise of temperature & extremes) due to climate change, increases or changes in precipitation due to climate change	Surface and groundwater dependent. Highly sensitive to hydrological changes. Inappropriate management.
[8240]	Limestone pavements	The main pressures facing this habitat are associated with conversion to agricultural land and housing construction, as well as scrub encroachment caused by under-grazing.	A01, A10, C01, F01, I02	Conversion into agricultural land (excluding drainage and burning), extensive grazing or under grazing by livestock, extraction of minerals (e.g., rock, metal ores, gravel, sand, shell), conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions), other invasive alien species (other than species of union concern)	Erosion, overgrazing and recreation.
[91E0]	Alluvial forests with Alder and Ash ( <i>Alnus glutinosa</i> , <i>Fraxinus excelsior</i> , <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> )	Many of the pressures facing this habitat include invasive species, particularly sycamore ( <i>Acer pseudoplatanus</i> ), beech ( <i>Fagus sylvatica</i> ), Indian balsam ( <i>Impatiens glandulifera</i> ) and currant species ( <i>Ribes nigrum</i> and <i>R. rubrum</i> ) as well as some native species such as brambles ( <i>Rubus fruticosus</i> agg.) and common nettle, along with over felling.	B09, I02, I04, I05	Clear-cutting, removal of all trees, other invasive alien species (other than species of union concern), problematic native species, plant and animal diseases, pathogens and pests	Surface and groundwater dependent. Highly sensitive to hydrological changes. Changes in management.
[91J0]	<i>Taxus baccata</i> woods of the British Isles	Pressures facing this habitat are mainly linked to the presence of alien species such as sycamore ( <i>Acer pseudoplatanus</i> ), beech ( <i>Fagus sylvatica</i> ), cherry laurel ( <i>Prunus laurocerasus</i> ) and traveller's joy ( <i>Clematis vitalba</i> ), with overgrazing by deer also posing a pressure to the habitat.	A09, I02, I05	Intensive grazing or overgrazing by livestock, other invasive alien species (other than species of union concern), plant and animal diseases, pathogens and pests	Changes in management. Changes in nutrient or base status. Introduction of alien species.

**List of all Special Conservation Interest of SPAs that have undergone Assessment including Summaries of Current Threats and Sensitivity to Effects**

Species Code	Common Name	Scientific Name	Threats and Pressures Codes	Known Threats and Pressures
A017	Cormorant	<i>Phalacrocorax carbo carbo</i>	C03, F02, F03, G01, H03	Renewable abiotic energy use, fishing and harvesting aquatic resources, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, marine water pollution
A048	Common Shelduck	<i>Tadorna tadorna</i>	F01, F02, G01, H03, M01	Marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, changes in abiotic conditions
A050	Eurasian Wigeon	<i>Anas penelope</i>	C03, F01, F03, G01, H01, H03, H07, I01, J02, J03	Renewable abiotic energy use, marine and freshwater aquaculture, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, pollution to surface waters (limnic & terrestrial, marine & brackish), marine water pollution, other forms of pollution, invasive non-native species, human induced changes in hydraulic conditions, other ecosystem modifications
A054	Northern Pintail	<i>Anas acuta</i>	C03, F01, F03, G01, H01, H03, H07, J02	Renewable abiotic energy use, marine and freshwater aquaculture, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, pollution to surface waters (limnic & terrestrial, marine & brackish), marine water pollution, other forms of pollution, human induced changes in hydraulic conditions
A056	Northern Shoveler	<i>Anas clypeata</i>	C03, F03, G01, H01, H03, H07	Renewable abiotic energy use, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, pollution to surface waters (limnic & terrestrial, marine & brackish), marine water pollution, other forms of pollution
A061	Tufted Duck	<i>Aythya fuligula</i>	C03, F03, G01, H01, H07, M02	Renewable abiotic energy use, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, pollution to surface waters (limnic & terrestrial, marine & brackish), other forms of pollution, changes in biotic conditions
A062	Greater Scaup	<i>Aythya marila</i>	C03, F01, F02, F03, G01, H01, H03	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, pollution to surface waters (limnic & terrestrial, marine & brackish), marine water pollution
A067	Common Goldeneye	<i>Bucephala clangula</i>	C03, F01, F03, G01, H01, H03, H07, M02	Renewable abiotic energy use, marine and freshwater aquaculture, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, pollution to surface waters (limnic & terrestrial, marine & brackish), marine water pollution, other forms of pollution, changes in biotic conditions
A082	Hen Harrier	<i>Circus cyaneus</i>	A02, B01, B02, C01, C03, F03, G01, I01, J01, J03	Modification of cultivation practices, forest planting on open ground, forest and plantation management & use, mining and quarrying, renewable abiotic energy use, hunting and collection of wild animals (terrestrial), outdoor sports and leisure activities, recreational activities, invasive non-native species, fire and fire suppression, other ecosystem modifications
A098	Merlin	<i>Falco columbarius</i>	A02, B01, B02, C03, M02	Modification of cultivation practices, forest planting on open ground, forest and plantation management & use, renewable abiotic energy use, changes in biotic conditions
A137	Common Ringed Plover	<i>Charadrius hiaticula</i>	C03, F01, F02, G01, H03, J02, J03, M01	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, other ecosystem modifications, changes in abiotic conditions
A140	European Golden Plover	<i>Pluvialis apricaria</i>	A02, A04, B01, C01, C03, F01, G01, H03, J01, K03, M02	Modification of cultivation practices, grazing, forest planting on open ground, mining and quarrying, renewable abiotic energy use, marine and freshwater aquaculture, outdoor sports and leisure activities, recreational activities, marine water pollution, fire and fire suppression, interspecific faunal relations, changes in biotic conditions
A141	Grey Plover	<i>Pluvialis squatarola</i>	C03, F01, F02, G01, H03, J02, J03, M01	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, other ecosystem modifications, changes in abiotic conditions
A142	Northern Lapwing	<i>Vanellus vanellus</i>	A02, C03, F01, G01, H03	Modification of cultivation practices, renewable abiotic energy use, marine and freshwater aquaculture, outdoor sports and leisure activities, recreational activities, marine water pollution
A143	Red Knot	<i>Calidris canutus</i>	C03, F01, F02, G01, H03, J02, J03, M01	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, other ecosystem modifications, changes in abiotic conditions
A149	Dunlin	<i>Calidris alpina</i>	C03, F01, F02, G01, H03, J02, J03, M01	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, other ecosystem modifications, changes in abiotic conditions
A157	Bar-Tailed Godwit	<i>Limosa lapponica</i>	C03, F01, F02, G01, H03, J02, J03, M01	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, other ecosystem modifications, changes in abiotic conditions
A162	Common Redhank	<i>Tringa totanus</i>	C03, F01, F02, G01, H03, J02, J03, M01	Renewable abiotic energy use, marine and freshwater aquaculture, fishing and harvesting aquatic resources, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, other ecosystem modifications, changes in abiotic conditions
A164	Common Greenshank	<i>Tringa nebularia</i>	C03, F01, G01, H03, J02, M01	Renewable abiotic energy use, marine and freshwater aquaculture, outdoor sports and leisure activities, recreational activities, marine water pollution, human induced changes in hydraulic conditions, changes in abiotic conditions
A179	Black-Headed Gull	<i>Larus ridibundus</i>	A04, C03, F02, H03, J03, M01	Grazing, renewable abiotic energy use, fishing and harvesting aquatic resources, marine water pollution, other ecosystem modifications, changes in abiotic conditions
A193	Common Tern	<i>Sterna hirundo</i>	C03, D01, D03, G01, I01	Renewable abiotic energy use, roads, paths and railroads, shipping lanes, ports, marine constructions, outdoor sports and leisure activities, recreational activities, invasive non-native species
A674	Light-Bellied Brent Goose	<i>Branta bernicla hrota</i>	A02, A11, C03, D02, F01, G01, G05, H03, H07, I01, J03	Modification of cultivation practices, agriculture activities not referred to above, renewable abiotic energy use, utility and service lines, marine and freshwater aquaculture, outdoor sports and leisure activities, recreational activities, other human intrusions and disturbances, marine water pollution, other forms of pollution, invasive non-native species, other ecosystem modifications



## Appendix II Relationship with Other Plans and Programmes

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 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.

Legislation, Plan, etc.	Summary of high-level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
<b>European Level</b>			
<b>SEA Directive (2001/42/EC)</b>	<ul style="list-style-type: none"> <li>Contribute to the integration of environmental considerations into the preparation and adoption of plans and programmes with a view to promoting sustainable development.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Carry out an environmental assessment for plans or programmes referred to in Articles 2 to 4 of the Directive.</li> <li>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.</li> <li>Consult with relevant authorities, stakeholders and public allowing sufficient time to make a submission.</li> <li>Consult other Member States where the implementation of a plan or programme is likely to have transboundary environmental effects.</li> <li>Inform relevant authorities and stakeholders on the decision to implement the plan or programme.</li> <li>Issue a statement to include requirements detailed in Article 9 of the Directive.</li> <li>Monitor and mitigate significant environmental effects identified by the assessment.</li> </ul>	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 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.
<b>EIA Directive (2011/92/EU as amended by 2014/52/EU)</b>	<ul style="list-style-type: none"> <li>Requires the assessment of the environmental effects of public and private projects which are likely to have significant effects on the environment.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All projects listed in Annex I are considered as having significant effects on the environment and require an EIA.</li> <li>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.</li> <li>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.</li> <li>Consult with relevant authorities, stakeholders and public allowing sufficient time to make a submission before a decision is made.</li> </ul>	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 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.
<b>Habitats Directive (92/43/EEC)</b>	<ul style="list-style-type: none"> <li>Promote the preservation, protection and improvement of the quality of the environment, including the conservation of natural habitats and of wild fauna and flora.</li> <li>Contribute towards ensuring biodiversity through the conservation of natural habitats and of wild fauna and flora.</li> <li>Maintain or restore to favourable conservation status, natural habitats and species of wild fauna and flora of community interest.</li> <li>Promote the maintenance of biodiversity, taking account of economic, social, cultural and regional requirements.</li> </ul>	<ul style="list-style-type: none"> <li>Propose and protect sites of importance to habitats, plant and animal species.</li> <li>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.</li> <li>Carry out comprehensive assessment of habitat types and species present.</li> <li>Establish a system of strict protection for the animal species and plant species listed in Annex IV.</li> </ul>	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 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.
<b>Birds Directive (2009/147/EC)</b>	<ul style="list-style-type: none"> <li>Conserve all species of naturally occurring birds in the wild state including their eggs, nests and habitats.</li> <li>Protect, manage and control these species and comply with regulations relating to their exploitation.</li> </ul>	<ul style="list-style-type: none"> <li>Preserve, maintain or re-establish a sufficient diversity and area of habitats for all the species of birds referred to in Annex 1.</li> <li>Preserve, maintain and establish biotopes and habitats to include the creation of protected areas (Special Protection Areas).</li> </ul>	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-

Legislation, Plan, etc.	Summary of high-level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<p>combination effects 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><b>EU Nitrates Directive (91/676/EC)</b></p>	<ul style="list-style-type: none"> <li>Reducing water pollution caused or induced by nitrates from agricultural sources and - preventing further such pollution.</li> </ul>	<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"> <li>a limit on the amount of livestock manure applied to the land each year</li> <li>set periods when land spreading is prohibited due to risk</li> <li>set capacity levels for the storage of livestock manure</li> </ul>	<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 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><b>EU Integrated Pollution Prevention Control Directive (2008/1/EC)</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>The IPPC Directive is based on several principles:</p> <ul style="list-style-type: none"> <li>an integrated approach</li> <li>best available techniques,</li> <li>flexibility; and</li> <li>public participation</li> </ul>	<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 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><b>EU Plant Protection (products) Directive 2009/127/EC</b></p>	<ul style="list-style-type: none"> <li>The Directive aims at reducing the risks and impacts of pesticide use on human health and</li> <li>the environment by introducing different targets, tools and measures such as Integrated Pest Management (IPM) or National Action Plans (NAPs).</li> </ul>	<ul style="list-style-type: none"> <li>The Framework Directive applies to pesticides which are plant protection products.</li> <li>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.</li> </ul>	<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 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><b>EU Renewables Directive (2009/28/EC)</b></p>	<ul style="list-style-type: none"> <li>The Renewable Energy Directive establishes an overall policy for the production and promotion of energy from renewable sources in the EU.</li> <li>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.</li> <li>All EU countries must also ensure that at least 10% of their transport fuels come from renewable sources by 2020.</li> </ul>	<ul style="list-style-type: none"> <li>The Directive promotes cooperation amongst EU countries (and with countries outside the EU) to help them meet their renewable energy targets.</li> <li>The Directive specifies national renewable energy targets for each country, taking into account its starting point and overall potential for renewables.</li> <li>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.</li> <li>Progress towards national targets is measured every two years when EU countries publish national renewable energy progress reports.</li> </ul>	<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 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>

Legislation, Plan, etc.	Summary of high-level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
<b>Indirect Land Use Change Directive (2012/0288(COD))</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Limit the contribution that conventional biofuels (with a risk of ILUC emissions) make towards attainment of the targets in the Renewable Energy Directive;</li> <li>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;</li> <li>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;</li> <li>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.</li> </ul>	<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 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>
<b>Alternative Fuels Infrastructure Directive (2014/94/EU)</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<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 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>
<b>EU Energy Efficiency Directive (2012/27/EU)</b>	<ul style="list-style-type: none"> <li>Establishes a set of binding measures to help the EU reach its 20% energy efficiency target by 2020.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Energy distributors or retail energy sales companies have to achieve 1.5% energy savings per year through the implementation of energy efficiency measures</li> <li>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</li> <li>The public sector in EU countries should purchase energy efficient buildings, products and services</li> <li>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</li> <li>Energy consumers should be empowered to better manage consumption. This includes easy and free access to data on consumption through individual metering</li> <li>National incentives for SMEs to undergo energy audits</li> <li>Large companies will make audits of their energy consumption to help them identify ways to reduce it</li> <li>Monitoring efficiency levels in new energy generation capacities.</li> </ul>	<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 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>
<b>EU Seveso Directive (2012/18/EU)</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<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"> <li>Classification, labelling and packaging of chemicals;</li> <li>The Union's Civil Protection Mechanism;</li> <li>The Security Union Agenda including CBRN-E and Protection of critical infrastructure;</li> <li>Policy on environmental liability and on the protection of the environment through criminal law;</li> <li>Safety of offshore oil and gas operations.</li> </ul>	<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 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>

Legislation, Plan, etc.	Summary of high-level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
<b>Biodiversity Strategy for 2030 - Bringing nature back into our lives (European Commission, 2020)</b>	<ul style="list-style-type: none"> <li>The EU's biodiversity strategy for 2030 is a comprehensive, ambitious and long-term plan to protect nature and reverse the degradation of ecosystems. The strategy aims to put Europe's biodiversity on a path to recovery by 2030, and contains specific actions and commitments.</li> </ul>	<p>The Strategy contains specific commitments and actions to be delivered by 2030, including:</p> <ul style="list-style-type: none"> <li>Establishing a larger EU-wide network of protected areas on land and at sea, building upon existing Natura 2000 areas, with strict protection for areas of very high biodiversity and climate value.</li> <li>An EU Nature Restoration Plan - a series of concrete commitments and actions to restore degraded ecosystems across the EU by 2030, and manage them sustainably, addressing the key drivers of biodiversity loss.</li> <li>A set of measures to enable the necessary transformative change: setting in motion a new, strengthened governance framework to ensure better implementation and track progress, improving knowledge, financing and investments and better respecting nature in public and business decision-making.</li> <li>Measures to tackle the global biodiversity challenge, demonstrating that the EU is ready to lead by example towards the successful adoption of an ambitious global biodiversity framework under the Convention on Biological Diversity.</li> </ul>	<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 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>
<b>EU Green Infrastructure Strategy</b>	<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"> <li>Promoting GI in the main EU policy areas.</li> <li>Supporting EU-level GI projects.</li> <li>Improving access to finance for GI projects.</li> <li>Improving information and promoting innovation.</li> </ul>	<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 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>
<b>UN Kyoto Protocol (2<sup>nd</sup> Kyoto Period), the Second European Climate Change Programme (ECCP II), Paris climate conference (COP21) 2015 (Paris Agreement)</b>	<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"> <li>The Kyoto Protocol is implemented through the European Climate Change Programme (ECCP II).</li> <li>EU member states implement measures to improve on or complement the specified measures and policies arising from the ECCP.</li> <li>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.</li> </ul>	<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 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>
<b>EU 2020 Climate and Energy Package</b>	<ul style="list-style-type: none"> <li>Binding legislation which aims to ensure the European Union meets its climate and energy targets for 2020.</li> <li>Aims to achieve a 20% reduction in EU greenhouse gas emissions from 1990 levels.</li> <li>Aims to raise the share of EU energy consumption produced from renewable resources to 20%.</li> <li>Achieve a 20% improvement in the EU's energy efficiency.</li> </ul>	<p>Four pieces of complimentary legislation:</p> <ul style="list-style-type: none"> <li>Reform of the EU Emissions Trading System (EU ETS) to include a cap on emission allowances in addition to existing system of national caps.</li> <li>Member States have agreed national targets for non-EU ETS emissions from countries outside the EU.</li> <li>Meet the national renewable energy targets of 16% for Ireland by 2020.</li> <li>Preparing a legal framework for technologies in carbon capture and storage.</li> </ul>	<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 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>
<b>EU 2030 Framework for Climate and Energy</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>To meet the targets, the European Commission has proposed the following policies for 2030:</p> <ul style="list-style-type: none"> <li>A reformed EU emissions trading scheme (ETS).</li> </ul>	<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-</p>

Legislation, Plan, etc.	Summary of high-level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<p>combination effects 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><b>The Clean Air for Europe Directive (2008/50/EC)</b> <b>(EU Air Framework Directive)</b></p> <p><b>Fourth Daughter Directive (2004/107/EC)</b></p>	<ul style="list-style-type: none"> <li>The CAFE Directive merges existing legislation into a single directive (except for the fourth daughter directive).</li> <li>Sets new air quality objectives for PM<sub>2.5</sub> (fine particles) including the limit value and exposure related objectives.</li> <li>Accounts for the possibility to discount natural sources of pollution when assessing compliance against limit values.</li> <li>Allows the possibility for time extensions of three years (PM<sub>10</sub>) or up to five years (NO<sub>2</sub>, benzene) for complying with limit values, based on conditions and the assessment by the European Commission.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Sets objectives for ambient air quality designed to avoid, prevent or reduce harmful effects on human health and the environment as a whole.</li> <li>Aims to assess the ambient air quality in Member States on the basis of common methods and criteria.</li> <li>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.</li> <li>Ensures that such information on ambient air quality is made available to the public.</li> <li>Aims to maintain air quality where it is good and improving it in other cases.</li> <li>Aims to promote increased cooperation between the Member States in reducing air pollution.</li> </ul>	<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 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><b>Noise Directive (2002/49/EC)</b></p>	<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"> <li>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;</li> <li>Draw up action plans to reduce noise where necessary and maintain environmental noise quality where it is good; and</li> <li>Inform and consult the public about noise exposure, its effects, and the measures considered to address noise.</li> </ul> <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 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><b>Floods Directive (2007/60/EC)</b></p>	<ul style="list-style-type: none"> <li>Establishes a framework for the assessment and management of flood risks</li> <li>Reduce adverse consequences for human health, the environment, cultural heritage and economic activity associated with floods in the Community</li> </ul>	<ul style="list-style-type: none"> <li>Assess all water courses and coast lines at risk from flooding through Flood Risk Assessment</li> <li>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.</li> <li>Implement flood risk management plans and take adequate and coordinated measures to reduce flood risk for the areas covered by the Articles listed above.</li> <li>Inform the public and allow the public to participate in planning process.</li> </ul>	<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 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><b>Water Framework Directive (2000/60/EC)</b></p>	<ul style="list-style-type: none"> <li>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.</li> <li>Preserve and prevent the deterioration of water status and where necessary improve and maintain "good status" of water bodies.</li> <li>Promote sustainable water usage.</li> </ul>	<ul style="list-style-type: none"> <li>Protect, enhance and restore all water bodies and meet the environmental objectives outlined in Article 4 of the Directive.</li> <li>Achieve "good status" for all waters.</li> <li>Manage water bodies based on identifying and establishing river basins districts.</li> <li>Involve the public and streamline legislation.</li> <li>Prepare and implement a River Basin Management Plan for each river basin districts identified and a Register of Protected Areas.</li> </ul>	<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 may arise. Implementation of the Plan needs to comply with all environmental legislation and align with and cumulatively contribute towards – in</p>

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	<ul style="list-style-type: none"> <li>• The Water Framework Directive repealed the following Directives:                             <ul style="list-style-type: none"> <li>◦ The Drinking Water Abstraction Directive</li> <li>◦ Sampling Drinking Water Directive</li> <li>◦ Exchange of Information on Quality of Surface Freshwater Directive</li> <li>◦ Shellfish Directive</li> <li>◦ Freshwater Fish Directive</li> <li>◦ Groundwater (Dangerous Substances) Directive</li> <li>◦ Dangerous Substances Directive</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Establish a programme of monitoring for surface water status, groundwater status and protected areas.</li> <li>• Recover costs for water services.</li> </ul>	<p>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>
<b>Groundwater Directive (2006/118/EC)</b>	<ul style="list-style-type: none"> <li>• Protect, control and conserve groundwater.</li> <li>• Prevent the deterioration of the status of all bodies of groundwater.</li> <li>• Implements measures to prevent and control groundwater pollution, including criteria for assessing good groundwater chemical status and criteria for the identification of significant and sustained upward trends and for the definition of starting points for trend reversals.</li> </ul>	<ul style="list-style-type: none"> <li>• Meet minimum groundwater standards listed in Annex 1 of Directive.</li> <li>• Meet threshold values adopted by national legislation for the pollutants, groups of pollutants and indicators of pollution which have been identified as 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.</li> </ul>	<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 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>
<b>Drinking Water Directive (98/83/EC)</b>	<ul style="list-style-type: none"> <li>• Improve and maintain the quality of water intended for human consumption.</li> <li>• Protect human health from the adverse effects of any contamination of water intended for human consumption by ensuring that it is wholesome and clean.</li> </ul>	<ul style="list-style-type: none"> <li>• Set values applicable to water intended for human consumption for the parameters set out in Annex I.</li> <li>• 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).</li> <li>• 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.</li> <li>• Ensure that any failure to meet the parametric values set in accordance with Article 5 is immediately investigated in order to identify the cause.</li> <li>• Ensure that the necessary remedial action is taken as soon as possible to restore its quality and shall give priority to their enforcement action.</li> <li>• Undertake remedial action to restore the quality of the water where necessary to protect human health.</li> <li>• Notify consumers when remedial action is being undertaken except where the competent authorities consider the non-compliance with the parametric value to be trivial.</li> </ul>	<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 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>
<b>Urban Waste Water Treatment Directive (91/271/EEC)</b>	<ul style="list-style-type: none"> <li>• This Directive concerns the collection, treatment and discharge of urban waste water and the treatment and discharge of waste water from certain industrial sectors.</li> <li>• The objective of the Directive is to protect the environment from the adverse effects of waste water discharges.</li> </ul>	<ul style="list-style-type: none"> <li>• Urban waste water entering collecting systems shall before discharge, be subject to secondary treatment.</li> <li>• Annex II requires the designation of areas sensitive to eutrophication which receive water discharges.</li> <li>• Establishes minimum requirements for urban waste water collection and treatment systems in specified agglomerations to include special requirements for sensitive areas and certain industrial sectors.</li> </ul>	<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 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>
<b>Environmental Liability Directive (2004/35/EC) as amended by Directive 2006/21/EC, Directive</b>	<ul style="list-style-type: none"> <li>• Establish a framework of environmental liability based on the 'polluter-pays' principle, to prevent and remedy environmental damage.</li> </ul>	<ul style="list-style-type: none"> <li>• 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</li> </ul>	<p>Where new land use developments or activities occur as a result of this legislation, plan, programme, etc., individually or in</p>

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<p><b>2009/31/EC and Directive 2013/30/EU</b></p>		<p>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.</p> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>The operator shall bear the costs for the preventive and remedial actions taken pursuant to this Directive.</li> <li>The competent authority shall be entitled to initiate cost recovery proceedings against the operator.</li> <li>The operator may be required to provide financial security guarantees to ensure their responsibilities under the directive are met.</li> <li>The Environmental Liability Directive has been amended through a number of Directives. 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.</li> </ul>	<p>combination with others, potential in-combination effects 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><b>European Convention on the Protection of the Archaeological Heritage (Valletta 1992)</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<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 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><b>Convention of the Protection of the Architectural Heritage of Europe (Granada 1995)</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The reinforcement and promotion of policies for protecting and enhancing the heritage within the territories of the parties.</li> <li>The affirmation of European solidarity with regard to the protection of the heritage and the fostering of practical co-operation between states and regions.</li> </ul>	<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 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><b>Council of Europe Framework Convention on the Value of Cultural Heritage for Society (Faro 2005)</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>Recognise individual and collective responsibility towards cultural heritage.</li> <li>Emphasise that the conservation of cultural heritage and its sustainable use have human development and quality of life as their goal.</li> </ul>	<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 may arise. Implementation of the Plan needs to comply with all environmental legislation and align</p>

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	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>Greater synergy of competencies among all the public, institutional and private actors concerned.</li> </ul>	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.
<b>European Landscape Convention 2000</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Promote protection, management and planning of landscapes.</li> <li>Organise European co-operation on landscape issues.</li> </ul>	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 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.
<b>The Seventh Environmental Action Programme (EAP) of the European Community (2013-2020)</b>	It identifies three key objectives: <ul style="list-style-type: none"> <li>to protect, conserve and enhance the Union's natural capital</li> <li>to turn the Union into a resource-efficient, green, and competitive low-carbon economy</li> <li>to safeguard the Union's citizens from environment-related pressures and risks to health and wellbeing</li> </ul>	Four so called "enablers" will help Europe deliver on these objectives (goals): <ul style="list-style-type: none"> <li>Better implementation of legislation.</li> <li>Better information by improving the knowledge base.</li> <li>More and wiser investment for environment and climate policy.</li> <li>Full integration of environmental requirements and considerations into other policies.</li> </ul> Two additional horizontal priority objectives complete the programme: <ul style="list-style-type: none"> <li>To make the Union's cities more sustainable.</li> <li>To help the Union address international environmental and climate challenges more effectively.</li> </ul>	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 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.
<b>Bern Convention (Convention on the Conservation of European Wildlife and Natural Habitats)</b>	The convention has three main aims: <ul style="list-style-type: none"> <li>to conserve wild flora and fauna and their natural habitats</li> <li>to promote cooperation between states</li> <li>to give particular attention to endangered and vulnerable species including endangered and vulnerable migratory species</li> </ul>	The Parties under the convention recognise the intrinsic value of nature, which needs to be preserved and passed to future generations, they also: <ul style="list-style-type: none"> <li>Seek to ensure the conservation of nature in their countries, paying particular attention to planning and development policies and pollution control.</li> <li>Look at implementing the Bern Convention in central Eastern Europe and the Caucasus.</li> <li>Take account of the potential impact on natural heritage by other policies.</li> <li>Promote education and information of the public, ensuring the need to conserve species is understood and acted upon.</li> <li>Develop an extensive number of species action plans, codes of conducts, and guidelines, at their own initiative or in co-operation with other organisations.</li> <li>Created the Emerald Network, an ecological network made up of Areas of Special Conservation Interest.</li> </ul>	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 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.
<b>Bali Road Map (2007)</b>	The overall goals of the project are twofold: <ul style="list-style-type: none"> <li>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</li> <li>To assess investment and financial flows to address climate change for up to three key sectors and/or economic activities.</li> </ul>	The Bali Action Plan is centred on four main building Blocks: <ul style="list-style-type: none"> <li>mitigation</li> <li>adaptation</li> <li>technology</li> <li>financing</li> </ul>	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 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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<b>Cancun Agreements (2010)</b>	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: <ul style="list-style-type: none"> <li>• Mitigation</li> <li>• Transparency of actions</li> <li>• Technology</li> <li>• Finance</li> <li>• Adaptation</li> <li>• Forests</li> <li>• Capacity building</li> </ul>	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.	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 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.
<b>Doha Climate Gateway (2012)</b>	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.	<ul style="list-style-type: none"> <li>• Set out a timetable to adopt a universal climate agreement by 2015 (to come into effect in 2020);</li> <li>• Complete the work under Bali Action Plan and to focus on new completing new targets;</li> <li>• Strengthen the aim to cut greenhouse gases and help vulnerable countries to adapt;</li> <li>• Amend Kyoto Protocol to include a new commitment period for cutting down the greenhouse gases emissions; and</li> <li>• Provide the financial and technology support and new institutions to allow clean energy investment and sustainable growth in developing countries.</li> </ul>	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 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.
<b>EU Common Agricultural Policy</b>	<ul style="list-style-type: none"> <li>• To improve agricultural productivity, so that consumers have a stable supply of affordable food; and</li> <li>• To ensure that EU farmers can make a reasonable living.</li> </ul>	<ul style="list-style-type: none"> <li>• ensuring viable food production that will contribute to feeding the world's population, which is expected to rise considerably in the future;</li> <li>• Climate change and sustainable management of natural resources;</li> <li>• Looking after the countryside across the EU and keeping the rural economy alive.</li> </ul>	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 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.
<b>EU REACH Regulation (EC 1907/2006)</b>	<ul style="list-style-type: none"> <li>• Aims to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances.</li> </ul>	The aims are achieved by applying REACH, namely: <ul style="list-style-type: none"> <li>• Registration,</li> <li>• Evaluation,</li> <li>• Authorisation; and</li> <li>• Restriction of chemicals.</li> </ul> REACH also aims to enhance innovation and competitiveness of the EU chemicals industry.	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 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.
<b>Stockholm Convention</b>	<ul style="list-style-type: none"> <li>• The objective of the Stockholm Convention is to protect human health and the environment from persistent organic pollutants.</li> </ul>	<ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> <li>• Reduce or eliminate releases from unintentionally produced POPs that are listed in Annex C to the Convention</li> </ul>	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 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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		<ul style="list-style-type: none"> <li>• Ensure that stockpiles and wastes consisting of, containing or contaminated with POPs are managed safely and in an environmentally sound manner</li> <li>• 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</li> </ul>	their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
<b>Ramsar Convention</b>	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”.	Under the “three pillars” of the Convention, the Contracting Parties commit to: <ul style="list-style-type: none"> <li>• Work towards the wise use of all their wetlands;</li> <li>• Designate suitable wetlands for the list of Wetlands of International Importance (the “Ramsar List”) and ensure their effective management;</li> <li>• Cooperate internationally on transboundary wetlands, shared wetland systems and shared species.</li> </ul>	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 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.
<b>European 2020 Strategy for Growth</b>	Europe 2020 sets out a vision of Europe’s social market economy for the 21st century and puts forward three mutually reinforcing priorities: <ul style="list-style-type: none"> <li>• Smart growth: developing an economy based on knowledge and innovation;</li> <li>• Sustainable growth: promoting a more resource efficient, greener and more competitive economy;</li> <li>• Inclusive growth: fostering a high-employment economy delivering social and territorial cohesion.</li> </ul>	In order to reach these priorities, the Commission proposes five quantitative targets to fulfil by 2020: <ol style="list-style-type: none"> <li>1. 75 % of the population aged 20-64 should be employed;</li> <li>2. 3% of the EU’s GDP should be invested in R&amp;D;</li> <li>3. the “20/20/20” climate/energy targets should be met (including an increase to 30% of emissions reduction if the conditions are right);</li> <li>4. the share of early school leavers should be under 10% and at least 40% of the younger generation should have a tertiary degree;</li> <li>5. 20 million less people should be at risk of poverty.</li> </ol>	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 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.
<b>National Level</b>			
<b>Ireland 2040 - Our Plan, the National Planning Framework, and the National Development Plan</b>	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.  The National Development Plan sets out the investment priorities that will underpin the successful implementation of the new National Planning Framework. This will guide national, regional and local planning and investment decisions in Ireland over the next two decades, to cater for an expected population increase of over 1 million people.	National Strategic Outcomes as follows: <ol style="list-style-type: none"> <li>1. Compact Growth</li> <li>2. Enhanced Regional Accessibility</li> <li>3. Strengthened Rural Economies and Communities</li> <li>4. Sustainable Mobility</li> <li>5. A Strong Economy, supported by Enterprise, Innovation and Skills</li> <li>6. High-Quality International Connectivity</li> <li>7. Enhanced Amenity and Heritage</li> <li>8. Transition to a Low-Carbon and Climate-Resilient Society</li> <li>9. Sustainable Management of Water and other Environmental Resources</li> <li>10. Access to Quality Childcare, Education and Health Services</li> </ol>	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 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.
<b>Planning, Land Use and Transport Outlook 2040 [in preparation]</b>	The PLUTO will take account of forecasted future economic and demographic scenarios, affordability considerations and relevant Government policies and will: <ol style="list-style-type: none"> <li>1. Quantify in broad terms the appropriate scale of financial investment in land transport over the long term;</li> <li>2. Consider how fiscal, environmental and technological developments might impact on this investment; and,</li> <li>3. Identify strategic priorities for future investment to ensure land transport infrastructure provision facilitates the objectives of Project Ireland 2040.</li> </ol>	In preparation	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 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

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<b>Planning and Development Act 2000 (as amended)</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>Additionally, Environmental Impact Assessment (EIA) is required for a range of classes and large-scale projects.</li> <li>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.</li> </ul>	<p>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 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>
<b>European Communities (Environmental Assessment of Certain Plans and Programmes Regulations 2004 (S.I. 435 of 2004), as amended by S.I. 200 of 2011</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The Regulations cover plans and programmes in all of the sectors listed in article 3(2) of the Directive except land-use planning.</li> <li>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.</li> <li>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).</li> </ul>	<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 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>
<b>European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. 477 of 2011, as amended)</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<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 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>
<b>Waste Management Act 1996, as amended</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<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 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>
<b>European Communities Environmental Objectives (FPM) Regulations 2009 (S.I 296 of 2009)</b>	<ul style="list-style-type: none"> <li>The purpose of these Regulations is to support the achievement of favourable conservation status for freshwater pearl mussels</li> </ul>	<ul style="list-style-type: none"> <li>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</li> </ul>	<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 may arise.</p>

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		<p>European Communities (Natural Habitats) Regulations, 1997 (S.I. No. 94/1997).</p> <ul style="list-style-type: none"> <li>Require the production of sub-basin management plans with programmes of measures to achieve these objectives.</li> <li>Set out the duties of public authorities in respect of the sub-basin management plans and programmes of measure.</li> </ul>	<p>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><b>European Communities Environmental Objectives (Groundwater) Regulations 2010 (S.I. 9 of 2010), as amended (S.I. No. 366 of 2016)</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>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.</p> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> </ul>	<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 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><b>European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2014 (S.I. No. 31 of 2014)</b></p>	<ul style="list-style-type: none"> <li>These Regulations, which give effect to Ireland’s 3<sup>rd</sup> Nitrates Action Programme, provide statutory support for good agricultural practice to protect waters against pollution from agricultural sources</li> </ul>	<p>The Regulations include measures such as:</p> <ul style="list-style-type: none"> <li>Periods when land application of fertilisers is prohibited</li> <li>Limits on the land application of fertilisers</li> <li>Storage requirements for livestock manure; and</li> <li>Monitoring of the effectiveness of the measures in terms of agricultural practice and impact on water quality.</li> </ul>	<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 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><b>Climate Action and Low Carbon Development Act 2015, as amended</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>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:</p> <ul style="list-style-type: none"> <li>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,</li> <li>The policy of the Government on climate change,</li> <li>Climate justice,</li> <li>Any existing obligation of the State under the law of the European Union or any international agreement referred to in section 2; and</li> <li>The most recent national greenhouse gas emissions inventory and projection of future greenhouse gas emissions, prepared by the Agency.</li> </ul>	<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 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><b>National Climate Action Plan 2023</b></p>	<p>The National Climate Action Plan 2023 provides a detailed plan for taking decisive action to achieve a 51% reduction in overall greenhouse gas emissions by 2030 and setting Ireland 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 Ireland’s climate targets and sets indicative ranges of emissions reductions for each sector of the economy. It will be updated periodically 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 may arise. Implementation of the Plan needs to comply with all environmental legislation and align</p>

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<b>The Sustainable Development Goals National Implementation Plan (2018 – 2020)</b>	<ul style="list-style-type: none"> <li>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).</li> <li>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.</li> </ul>	<p>The Plan identifies four strategic priorities to guide implementation:</p> <ul style="list-style-type: none"> <li>Awareness: raise public awareness of the SDGs;</li> <li>Participation: provide stakeholders opportunities to engage and contribute to follow-up and review processes, and further develop national implementation of the Goals;</li> <li>Support: encourage and support efforts of communities and organisations to contribute towards meeting the SDGs, and foster public participation; and</li> <li>Policy alignment: develop alignment of national policy with the SDGs and identify opportunities for policy coherence.</li> </ul>	<p>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 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>
<b>Infrastructure and Capital Investment Plan (2016-2021)</b>	<ul style="list-style-type: none"> <li>€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.</li> </ul>	<ul style="list-style-type: none"> <li>This Capital Plan reflects the Government’s commitment to supporting strong and sustainable economic growth and raising welfare and living standards for all.</li> <li>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.</li> </ul>	<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 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>
<b>European Union (Birds and Natural Habitats) (Sea-Fisheries) Regulations 2013 (S.I. 290 of 2013)</b>	<p>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).</p>	<ul style="list-style-type: none"> <li>Regulation 3 provides for the submission of a Fisheries Natura Plan in relation to planned fisheries;</li> <li>Regulation 4 provides for a screening of a Fisheries Natura Plan to determine whether or not an appropriate assessment is required;</li> <li>Regulation 5 provides for an appropriate assessment of a Fisheries Natura Plan and also provides for public and statutory consultation;</li> <li>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;</li> <li>Regulation 7 provides for publication of the adopted Fisheries Natura Plan;</li> <li>Regulation 8 provides for a Risk Assessment of unplanned fisheries and also provides for public and statutory consultation on the assessment;</li> <li>Regulation 9 provides for the issue of a Natura Declaration to prohibit, restrict including restricting by permit, control, etc. of sea fishing activities;</li> <li>Regulation 10 provides for Natura Permits to be issued where required by Natura Declarations; and</li> <li>Regulations 11 to 31 deal with functions of authorised officers and related matters, offences, etc.</li> </ul>	<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 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>
<b>Ireland’s National Renewable Energy Action Plan 2010 (Irish Government submission to the European Commission)</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<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 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</p>

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<b>Strategy for Renewable Energy (2012-2020)</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<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"> <li>Increasing on and offshore wind,</li> <li>Building a sustainable bioenergy sector,</li> <li>Fostering R&amp;D in renewables such as wave &amp; tidal,</li> <li>Growing sustainable transport; and</li> <li>Building out robust and efficient networks.</li> </ul>	<p>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 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>
<b>National Climate Mitigation Plan 2017</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>The National Mitigation Plan focuses on the following issues:</p> <ul style="list-style-type: none"> <li>Climate Action Policy Framework</li> <li>Decarbonising Electricity Generation</li> <li>Decarbonising the Built Environment</li> <li>Decarbonising Transport</li> <li>An Approach to Carbon Neutrality for Agriculture, Forest and Land Use Sectors</li> </ul>	<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 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>
<b>National Clean Air Strategy [in preparation]</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>The Strategy should also help tackle climate change.</li> <li>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.</li> <li>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.</li> </ul>	<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 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>
<b>EirGrid's Grid25 Strategy and associated Grid25 Implementation Programme 2017-2022</b>	<ul style="list-style-type: none"> <li>EirGrid's mission is to develop, maintain and operate a safe, secure, reliable, economical and efficient transmission system for Ireland; <i>"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."</i></li> </ul>	<ul style="list-style-type: none"> <li>Grid25, EirGrid's roadmap to uprate 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.</li> </ul>	<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 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>
<b>Strategy for the Future Development of National and Regional Greenways (2018)</b>	<ul style="list-style-type: none"> <li>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.</li> <li>It also aims to increase the number and geographical spread of Greenways of scale and quality around the country over the</li> </ul>	<ul style="list-style-type: none"> <li>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;</li> <li>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;</li> </ul>	<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 may arise. Implementation of the Plan needs to comply with all environmental legislation and align</p>

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	<p>next 10 years with a consequent significant increase in the number of people using Greenways as a visitor experience and as a recreational amenity.</p>	<ul style="list-style-type: none"> <li>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</li> <li>Greenways that provide opportunities for the development of local businesses and economies, and</li> <li>Greenways that are developed with all relevant stakeholders in line with an agreed code of practice.</li> </ul>	<p>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><b>National Water Resources Plan [in preparation]</b></p>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>The preparation of the NWRP has been divided into two phases, the combination of which will become the final NWRP. The NWRP Framework Plan (Phase 1) has now been adopted. Phase 2 of the NWRP (four Regional Water Resources Plans), currently in preparation, will address the needs across the 535 individual water supplies and identify the solutions to address these needs.</li> </ul>	<p>The key objectives of the plan are to:</p> <ul style="list-style-type: none"> <li>Identify areas where there are current and future potential water supply shortfalls, taking into account normal and extreme weather conditions</li> <li>Assess the current and future water demand from homes, businesses, farms, and industry</li> <li>Consider the impacts of climate change on Ireland’s water resources</li> <li>Develop a drought plan advising measures to be taken before and during drought events</li> <li>Develop a plan detailing how we deal with the material that is produced as a result of treating drinking water</li> <li>Assess the water resources available at a national level including lakes, rivers and groundwater</li> </ul>	<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 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><b>National Strategic Plan for Aquaculture Development (2014-2020)</b></p>	<p>Vision: <i>"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."</i></p>	<p>General development and growth objectives of marine and freshwater aquaculture (2014 – 2020):</p> <ul style="list-style-type: none"> <li>Strengthen the social, business and administrative environment for aquaculture development</li> <li>Increase in the total production to 24,050 tonnes while adhering to the principles of economic, social and ecological sustainability</li> <li>Improvement of the perception and increase in the national consumption of National products</li> </ul>	<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 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><b>Construction 2020, A Strategy for a Renewed Construction Sector</b></p>	<ul style="list-style-type: none"> <li>Construction 2020 sets out a package of measures agreed by the Government and is aimed at stimulating activity in the building industry.</li> <li>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.</li> </ul>	<p>This Strategy therefore addresses issues including:</p> <ul style="list-style-type: none"> <li>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;</li> <li>Continuing improvement of the planning process, striking the right balance between current and future requirements;</li> <li>The availability of financing for viable and worthwhile projects;</li> <li>Access to mortgage finance on reasonable and sustainable terms;</li> <li>Ensuring we have the tools we need to monitor and regulate the sector in a way that underpins public confidence and worker safety;</li> <li>Ensuring a fit for purpose sector supported by a highly skilled workforce achieving high quality and standards; and</li> <li>Ensuring opportunities are provided to unemployed former construction workers to contribute to the recovery of the sector.</li> </ul>	<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 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><b>Sustainable Development: A Strategy for Ireland (1997)</b></p>	<ul style="list-style-type: none"> <li>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 with responsibility towards present and future generations and the wider international community.</li> </ul>	<ul style="list-style-type: none"> <li>The Strategy addresses all areas of Government policy, and of economic and societal activity, which impact on the environment. It seeks to re-orientate policies as necessary to ensure that the strong growth Ireland enjoys and seeks to maintain will be environmentally sustainable.</li> </ul>	<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 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</p>

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<p><b>National Landscape Strategy for Ireland 2015-2025 and National Landscape Character Assessment (pending preparation)</b></p>	<ul style="list-style-type: none"> <li>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.</li> <li>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></li> </ul>	<p>The objectives of the National Landscape Strategy are to:</p> <ul style="list-style-type: none"> <li>Implement the European Landscape Convention by integrating landscape into the approach to sustainable development;</li> <li>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;</li> <li>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;</li> <li>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.</li> </ul>	<p>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 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><b>National Hazardous Waste Management Plan (EPA) 2014-2020 and new National Hazardous Waste Management Plan 2021-2027</b></p>	<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. 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"> <li>To prevent and reduce the generation of hazardous waste by industry and society generally;</li> <li>To maximise the collection of hazardous waste with a view to reducing the environmental and health impacts of any unregulated waste;</li> <li>To strive for increased self-sufficiency in the management of hazardous waste and to minimise hazardous waste export;</li> <li>To minimise the environmental, health, social and economic impacts of hazardous waste generation and management.</li> </ul>	<p>The revised Plan makes 27 recommendations under the following topics:</p> <ul style="list-style-type: none"> <li>Prevention</li> <li>Collection</li> <li>Self-sufficiency</li> <li>Regulation</li> <li>Legacy issues</li> <li>North-south cooperation</li> <li>Guidance and awareness</li> <li>Implementation</li> </ul>	<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 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><b>Ministerial Guidelines such as Sustainable Rural Housing Guidelines and Flood Risk Management Guidelines</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<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 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><b>HSE Healthy Ireland Framework for Improved Health and Wellbeing 2013-2025</b></p>	<ul style="list-style-type: none"> <li>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></li> </ul>	<p>These four goals are interlinked, interdependent and mutually supportive:</p> <ul style="list-style-type: none"> <li>Goal 1: Increase the proportion of people who are healthy at all stages of life</li> <li>Goal 2: Reduce health inequalities</li> <li>Goal 3: Protect the public from threats to health and wellbeing</li> <li>Goal 4: Create an environment where every individual and sector of society can play their part in achieving a healthy Ireland</li> </ul>	<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 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</p>



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<b>Our Sustainable Future: A framework for Sustainable Development for Ireland 2012</b>	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"> <li>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.</li> </ul>	<p>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 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>
<b>Smarter Travel – A Sustainable Transport Future – A New Transport Policy for Ireland 2009 – 2020 (2009)</b>	<ul style="list-style-type: none"> <li>Outlines a policy for how a sustainable travel and transport system can be achieved.</li> <li>Sets out five key goals:                             <ul style="list-style-type: none"> <li>To reduce overall travel demand.</li> <li>To maximise the efficiency of the transport network.</li> <li>To reduce reliance on fossil fuels.</li> <li>To reduce transport emissions.</li> <li>To improve accessibility to transport.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Others lower level aims include:                             <ul style="list-style-type: none"> <li>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</li> <li>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</li> <li>improving the fuel efficiency of motorised transport through improved fleet structure, energy efficient driving and alternative technologies</li> <li>strengthening institutional arrangements to deliver the targets</li> </ul> </li> </ul>	<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 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>
<b>Investing in our Future: A Strategic Framework for Investment in Land Transport (SFILT) – Department of Transport, Tourism and Sport</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>The three priorities stated in SFILT are:</p> <ul style="list-style-type: none"> <li>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);</li> <li>Priority 2: Address urban congestion; and</li> <li>Priority 3: Maximise the value of the road network.</li> </ul> <p>In delivering on the steady state maintenance objective set out in SFILT, the Plan includes for:</p> <ul style="list-style-type: none"> <li>Planned replacement programme for the bus fleet operated under Public Service Obligation ("PSO") contracts;</li> <li>Tram refurbishment and asset renewal in the case of light rail; and</li> <li>To the extent within the Authority' remit, support for the operation of the existing rail network within the GDA.</li> </ul>	<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 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>
<b>Delivering a Sustainable Energy Future for Ireland – The Energy Policy Framework 2007 – 2020 (2007)</b>	<ul style="list-style-type: none"> <li>White paper setting out a framework for delivering a sustainable energy future in Ireland.</li> <li>Outlines strategic Goals for:                             <ul style="list-style-type: none"> <li>Security of Supply</li> <li>Sustainability of Energy</li> <li>Competitiveness of Energy Supply</li> </ul> </li> </ul>	<p>The underpinning Strategic Goals are:</p> <ul style="list-style-type: none"> <li>Ensuring that electricity supply consistently meets demand</li> <li>Ensuring the physical security and reliability of gas supplies to Ireland</li> <li>Enhancing the diversity of fuels used for power generation</li> <li>Delivering electricity and gas to homes and businesses over efficient, reliable and secure networks</li> <li>Creating a stable attractive environment for hydrocarbon exploration and production</li> <li>Being prepared for energy supply disruptions</li> </ul>	<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 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>
<b>National Adaptation Framework (NAF) 2018 and associated regional, local and sectoral adaptation plans</b>	<ul style="list-style-type: none"> <li>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</li> </ul>	<ul style="list-style-type: none"> <li>Adaptation under this Framework should seek to minimise costs and maximise the opportunities arising from climate change.</li> <li>Adaptation actions range from building adaptive capacity (e.g. increasing awareness, sharing information and targeted training) through to policy and finance-based actions.</li> </ul>	<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 may arise.</p>

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		<ul style="list-style-type: none"> <li>Adaptation actions must be risk based, informed by existing vulnerabilities of our society and systems and an understanding of projected climate change.</li> <li>Adaptation actions taken to increase climate resilience must also consider impacts on other sectors and levels of governance</li> </ul>	<p>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><b>National Renewable Energy Action Plan (2010)</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>Including Ireland’s 16% target of gross final consumption to come from renewables 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 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><b>National Energy Efficiency Action Plan for Ireland (2009 – 2020)</b></p>	<ul style="list-style-type: none"> <li>This is the second National Energy Efficiency Action Plan for Ireland.</li> </ul>	<ul style="list-style-type: none"> <li>The Plan reviews the original 90 actions outlined in the first Plan and updates/renews/removes them as appropriate.</li> </ul>	<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 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><b>Wildlife Act of 1976</b> <b>Wildlife (Amendment) Act, 2000</b></p>	<ul style="list-style-type: none"> <li>The act provides protection and conservation of wild flora and fauna.</li> </ul>	<ul style="list-style-type: none"> <li>Provides protection for certain species, their habitats and important ecosystems</li> <li>Give statutory protection to NHAs</li> <li>Enhances wildlife species and their habitats</li> <li>Includes more species for protection</li> </ul>	<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 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><b>Actions for Biodiversity (2017-2021) Ireland’s National Biodiversity Plan</b></p>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>To mainstream biodiversity in the decision-making process across all sectors.</li> <li>To substantially strengthen the knowledge base for conservation, management and sustainable use of biodiversity.</li> <li>To increase awareness and appreciation of biodiversity and ecosystem services.</li> <li>To conserve and restore biodiversity and ecosystem services in the wider countryside.</li> <li>To conserve and restore biodiversity and ecosystem services in the marine environment.</li> <li>To expand and improve on the management of protected areas and legally protected species.</li> <li>To substantially strengthen the effectiveness of international governance for biodiversity and ecosystem services.</li> </ul>	<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 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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<b>National Broadband Plan (2012)</b>	<ul style="list-style-type: none"> <li>Sets out the strategy to deliver high speed broadband throughout Ireland.</li> </ul>	<p>The Plan sets out:</p> <ul style="list-style-type: none"> <li>A clear statement of Government policy on the delivery of High-Speed Broadband.</li> <li>Specific targets for the delivery and rollout of high-speed broadband and the speeds to be delivered.</li> <li>The strategy and interventions that will underpin the successful implementation of these targets.</li> <li>A series of specific complementary measures to promote implementation of Government policy in this area.</li> </ul>	<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 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><b>European Communities (Water Policy) Regulations of 2003 (SI 722 of 2003)</b></p> <p><b>European Communities (Water Policy) Regulations of 2003 (SI 350 of 2014)</b></p> <p><b>European Communities Environmental Objectives (Surface waters) Regulations of 2009 (SI 272 of 2009)</b></p>	<ul style="list-style-type: none"> <li>Transpose the Water Framework Directive into legislation.</li> <li>Outlines the general duty of public authorities in relation to water.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Implements River basin districts and characterisation of RBDs and River Basin Management Plans.</li> <li>Requires the public to be informed and consulted on the Plan and for progress reports to be published on RBDs.</li> <li>Implements a Register of protected areas, Classification systems and Monitoring programmes for water bodies.</li> <li>Allows the competent authority to recover the cost of damage/destruction of status of water body.</li> <li>Outlines environmental objectives and programme of measures and environmental quality standards for priority substances.</li> <li>Outlines criteria for assessment of groundwater.</li> <li>Outlines environmental objectives to be achieved for surface water bodies.</li> <li>Outlines surface water quality standards.</li> <li>Establishes threshold values for the classification and protection of surface waters against pollution and deterioration in quality.</li> </ul>	<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 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><b>European Communities Environmental Objectives (Groundwater) Regulations of 2010 (SI 9 of 2010)</b></p>	<ul style="list-style-type: none"> <li>Transpose the requirements of the Groundwater Directive 2006/118/EC into Irish Legislation.</li> </ul>	<ul style="list-style-type: none"> <li>Outlines environmental objectives to be achieved for groundwater bodies of groundwater against pollution and deterioration in quality.</li> <li>Sets groundwater quality standards.</li> <li>Outlines threshold values for the classification and protection of groundwater.</li> </ul>	<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 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><b>Water Pollution Acts 1977 to 1990</b></p>	<ul style="list-style-type: none"> <li>The Water Pollution Acts allow Local Authorities the authority regulate and supervise actions relating to water in their division.</li> </ul>	<p>The Water Pollution Acts enable local authorities to:</p> <ul style="list-style-type: none"> <li>Prosecute for water pollution offences.</li> <li>Attach appropriate pollution control conditions in the licensing of effluent discharges from industry, etc., made to waters.</li> <li>Issue notices ("section 12 notices") to farmers, etc., specifying measures to be taken within a prescribed period to prevent water pollution.</li> <li>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;</li> <li>Seek court orders, including High Court injunctions, to prevent, terminate, mitigate or remedy pollution/its effects.</li> <li>Prepare water quality management plans for any waters in or adjoining their functional areas.</li> </ul>	<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 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><b>Water Services Act 2007</b></p> <p><b>Water Services (Amendment) Act 2012</b></p>	<ul style="list-style-type: none"> <li>Provides the water services infrastructure.</li> <li>Outlines the responsibilities involved in delivering and managing water services.</li> <li>Identifies the authority in charge of provision of water and waste water supply.</li> </ul>	<p>Key strategic objectives include:</p> <ul style="list-style-type: none"> <li>Ensuring Irish Water delivers infrastructural projects that meet key public health, environmental and economic objectives in the water services sector.</li> </ul>	<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 may arise.</p>

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<b>Water Services Act (No. 2) 2013</b>	<ul style="list-style-type: none"> <li>Irish Water was given the responsibility of the provision of water and waste water services in the amendment act during 2013, therefore these services are no longer the responsibility of the 34 Local Authorities in Ireland.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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</li> <li>Ensuring the provision of the remaining infrastructure needed to provide secondary waste water treatment, for compliance with the requirements of the EU Urban Waste water Treatment Directive.</li> </ul>	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.
<b>Irish Water's Water Services Strategic Plan 2015 and associated Proposed Capital Investment Plan (2014-2016)</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p>Six strategic objectives as follows:</p> <ul style="list-style-type: none"> <li>Meet Customer Expectations.</li> <li>Ensure a Safe and Reliable Water Supply.</li> <li>Provide Effective Management of Waste water.</li> <li>Protect and Enhance the Environment.</li> <li>Support Social and Economic Growth.</li> <li>Invest in the Future.</li> </ul>	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 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.
<b>Raised Bog SAC Management Plan and Review of Raised Bog Natural Heritage Areas</b>	<ul style="list-style-type: none"> <li>Aims to meet nature conservation obligations while having regard to national and local economic, social and cultural needs</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	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 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.
<b>Agri-Food Strategy 2030</b>	<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"> <li>A Climate Smart, Environmentally Sustainable Agri-Food Sector</li> <li>Viable and Resilient Primary Producers with Enhanced Wellbeing</li> <li>Food that is Safe, Nutritious and Appealing, Trusted and Valued at Home and Abroad</li> <li>An Innovative, Competitive and Resilient Sector, driven by Technology and Talent</li> </ol>	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 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.
<b>Agri-vision 2015 Action Plan</b>	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 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><b>Rural Environmental Protection Scheme (REPS)</b></p> <p><b>Agri-Environmental Options Scheme (AEOS)</b></p> <p><b>Green, Low-Carbon, Agri-environment Scheme (GLAS)</b></p>	<ul style="list-style-type: none"> <li>• Agri-environmental funding schemes aimed at rural development for the environmental enhancement and protection.</li> <li>• GLAS is the new replacement for REPS and AEOS which are both expiring.</li> </ul>	<ul style="list-style-type: none"> <li>• Establish best practice farming methods and production methods in order to protect landscapes and maximise conservation.</li> <li>• Protect biodiversity, endangered species of flora and fauna and wildlife habitats.</li> <li>• Ensure food is produced with the highest regard to the environment.</li> <li>• Implement nutrient management plans and grassland management plans.</li> <li>• Protect and maintain water bodies, wetlands and cultural heritage.</li> </ul>	<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 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><b>National Rural Development Programme</b></p>	<ul style="list-style-type: none"> <li>• 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</li> </ul>	<p>At a more detailed level, the programme also:</p> <ul style="list-style-type: none"> <li>• Supports structural change at farm level including training young farmers and encouraging early retirement, support for restructuring, development and innovation;</li> <li>• 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</li> <li>• 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</li> </ul>	<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 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><b>National Forestry Programme (2014-2020)</b></p>	<p>Represents Ireland’s proposals for 100% State aid funding for a new Forestry Programme for the period 2014 – 2020.</p>	<p>Measures include the following:</p> <ul style="list-style-type: none"> <li>• Afforestation and Creation of Woodland</li> <li>• NeighbourWood Scheme</li> <li>• Forest Roads</li> <li>• Reconstitution Scheme</li> <li>• Woodland Improvement Scheme</li> <li>• Native Woodland Conservation Scheme</li> <li>• Knowledge Transfer and Information Actions</li> <li>• Producer Groups</li> <li>• Innovative Forest Technology</li> <li>• Forest Genetic Reproductive Material</li> <li>• Forest Management Plans</li> </ul>	<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 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><b>River Basin Management Plan for Ireland 2022-2027 3rd Cycle [in preparation]</b></p>	<p>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.</p>	<p>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.</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 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><b>National Peatlands Strategy (2015-2025)</b></p>	<p>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.</p>	<p>Objectives of the Strategy:</p> <ul style="list-style-type: none"> <li>• To give direction to Ireland’s approach to peatland management.</li> <li>• To apply to all peatlands, including peat soils.</li> <li>• 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.</li> <li>• To ensure that Ireland’s peatlands are sustainably managed so that their benefits can be enjoyed responsibly.</li> </ul>	<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 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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<b>Flood Risk Management Plans arising from National Catchment Flood Risk Assessment and Management Programme</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>To inform appropriate regulatory systems to facilitate good decision making in support of responsible use.</li> <li>To inform the provision of appropriate incentives, financial supports and disincentives where required.</li> </ul>	their plans etc. – the achievement of the objectives of the regulatory framework for environmental protection and management.
<b>Draft National Bioenergy Plan 2014 - 2020</b>	The Draft Bioenergy Plan sets out a vision as follows: <ul style="list-style-type: none"> <li>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.</li> </ul>	Three high level goals, of equal importance, based on the concept of sustainable development are identified: <ul style="list-style-type: none"> <li>To harness the market opportunities presented by bioenergy in order to achieve economic development, growth and jobs.</li> <li>To increase awareness of the value, opportunities and societal benefits of developing bioenergy.</li> <li>To ensure that bioenergy developments do not adversely impact the environment and its living and non-living resources.</li> </ul>	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 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.
<b>Draft Renewable Electricity Policy and Development Framework (DCCAE) 2016</b>	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 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.
<b>National Alternative Fuels Infrastructure for the Transport Sector (DTTAS) 2017- 2030</b>	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"> <li>AFV forecasts</li> <li>Electricity targets</li> <li>Natural gas (CNG, LNG) targets</li> <li>Hydrogen targets</li> <li>Biofuels targets</li> <li>LPG targets</li> <li>Synthetic and paraffinic fuels targets</li> </ul>	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 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.
<b>Food Wise 2025 (DAFM)</b>	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.	Food Wise 2025 identifies ambitious and challenging growth projections for the industry over the next ten years including: <ul style="list-style-type: none"> <li>85% increase in exports to €19 billion.</li> <li>70% increase in value added to €13 billion.</li> <li>60% increase in primary production to €10 billion.</li> </ul>	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 may arise.

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		<ul style="list-style-type: none"> <li>The creation of 23,000 additional jobs all along the supply chain from producer level to high-end value-added product development.</li> </ul>	<p>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><b>National Cycle Network Scoping Study 2010</b></p>	<ul style="list-style-type: none"> <li>Outlines objectives and actions aimed at developing a strong cycle network in Ireland</li> <li>Sets out 19 specific objectives, and details the 109 actions, aimed at ensuring that a cycling culture is developed</li> </ul>	<ul style="list-style-type: none"> <li>Sets a target where 10% of all journeys will be made by bike by 2020</li> <li>Proposes the planning, infrastructure, communication, education and stakeholder participations measures required to implement the initiative</li> </ul>	<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 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><b>National Policy Framework for Alternative Fuels Infrastructure for Transport in Ireland 2017 to 2030</b></p>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<p>This policy set out to achieve five key goals in transport:</p> <ul style="list-style-type: none"> <li>Reduce overall travel demand</li> <li>Maximise the efficiency of the transport network</li> <li>Reduce reliance on fossil fuels</li> <li>Reduce transport emissions</li> <li>Improve accessibility to transport</li> </ul> <p>These goals remain the cornerstone of transport policy and are fully aligned to the objectives of this National Policy Framework.</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 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><b>Tourism Action Plan 2019-2021</b></p>	<p>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>	<p>The Plan contains 27 actions focusing on the following areas:</p> <ul style="list-style-type: none"> <li>Policy Context</li> <li>Marketing Ireland as a Visitor Destination</li> <li>Enhancing the Visitor Experience</li> <li>Research in the Irish Tourism Sector</li> <li>Supporting Local Communities in Tourism</li> <li>Wider Government Policy</li> <li>International Context</li> <li>Co-ordination Structures</li> </ul>	<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 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><b>Tourism Policy Statement: People, Place and Policy – Growing Tourism to 2025</b></p>	<p>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.</p>	<p>The Tourism Policy Statement sets three headline targets to be achieved by 2025:</p> <ul style="list-style-type: none"> <li>Overseas tourism revenue of €5 billion per year net of inflation excluding carrier receipts;</li> <li>250,000 people employed in tourism; and</li> <li>10 million overseas visitors to Ireland per year.</li> </ul>	<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 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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<b>Draft Renewable Electricity Policy and Development Framework (DCCAE)</b>	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.  Methodology: Development of the Policy and Development Framework is to be informed by the carrying out of an SEA, including widespread consultation with stakeholders and public, and with AA under the Habitats 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 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.
<b>National Alternative Fuels Infrastructure for the Transport Sector (DTTAS) 2017- 2030</b>	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"> <li>• AFV forecasts</li> <li>• Electricity targets</li> <li>• Natural gas (CNG, LNG) targets</li> <li>• Hydrogen targets</li> <li>• Biofuels targets</li> <li>• LPG targets</li> </ul> Synthetic and paraffinic fuels 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 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.
<b>All Ireland Pollinator Plan 2021-2025</b>	The All-Ireland Pollinator Plan is an island-wide attempt to reverse declines in pollinating insects to ensure the sustainability of our food, avoid additional economic impacts on agriculture, and protect the health of the environment. The main objectives include: <ul style="list-style-type: none"> <li>• Making farmland, public land and private land in Ireland pollinator friendly;</li> <li>• Raising awareness of pollinators and how to protect them;</li> <li>• Managed pollinators – supporting beekeepers and growers;</li> <li>• Expanding our knowledge of pollinators and pollination service; and</li> <li>• Collecting evidence to track change and measure success.</li> </ul>	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 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.
<b>Regional/ County/Local Level</b>			
<b>Southern Regional Economic and Spatial Strategy 2019-2031</b>	The Regional Spatial and Economic Strategy provides a long-term strategic planning and economic framework for the Southern Region in order to support the implementation of the National Planning Framework.	The Southern Regional Economic and Spatial Strategy includes provisions for its 11 constituent local authorities: Carlow County Council; Tipperary County Council; Waterford City & County Council; Wexford County Council; Kilkenny County Council; Cork City Council; Cork County Council; Kerry County Council; Clare County Council; and Limerick City and 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 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.
<b>Integrated Implementation Plan 2019-2024</b>	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	The Implementation Plan identifies investment proposals for a number of areas including: <ul style="list-style-type: none"> <li>• Bus;</li> <li>• Light Rail;</li> <li>• Heavy Rai;</li> </ul>	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 may arise.



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	activities related to small public service vehicles are dealt with on a national basis.	<ul style="list-style-type: none"> <li>Integration Measures and Sustainable Transport Investment;</li> <li>Integrated Service Plan; and</li> <li>Integration and Accessibility.</li> </ul>	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.
<b>NPWS Conservation Plans and/or Conservation Objectives for SACs and SPAs</b>	Management planning for nature conservation sites has a number of aims. These include: <ul style="list-style-type: none"> <li>To identify and evaluate the features of interest for a site</li> <li>To set clear objectives for the conservation of the features of interest</li> <li>To describe the site and its management</li> <li>To identify issues (both positive and negative) that might influence the site</li> <li>To set out appropriate strategies/management actions to achieve the objectives</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>These objectives are used when carrying out appropriate assessments for plans and projects that might impact on these sites.</li> </ul>	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 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.
<b>Groundwater Protection Schemes</b>	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 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.
<b>Local Economic and Community Plans (LECPs), including the Tipperary LECP 2016 – 2022 [under review]</b>	The overarching vision for each LECP is: “to promote the well-being and quality of life of citizens and communities	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 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.
<b>Tipperary County Development Plan 2022-2028 and other Land Use Plans in force within Tipperary and in other adjoining planning authorities. This includes Development Plans, Local Area Plans and Planning Schemes</b>	<ul style="list-style-type: none"> <li>Outline planning objectives for land use development.</li> <li>Strategic framework for planning and sustainable development including those set out in National Planning Framework and Regional Economic and Spatial Strategies.</li> <li>Set out the policies and proposals to guide development in the specific Local Authority area.</li> </ul>	<ul style="list-style-type: none"> <li>Identify future infrastructure, development and zoning required.</li> <li>Protect and enhances amenities and environment.</li> <li>Guide planning authority in assessing proposals.</li> <li>Aim to guide development in the area and the amount of nature of the planned development.</li> <li>Aim to promote sustainable development.</li> <li>Provide for economic development and protect natural environmental, heritage.</li> </ul>	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 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.
<b>Limerick Metropolitan Spatial Plan (MASP)</b>	Strengthen the role of the Limerick-Shannon Metropolitan Area as an international location of scale, a complement to Dublin and a	<ul style="list-style-type: none"> <li>Support the regeneration and continued investment into Limerick City through initiatives such as Limerick 2030 and Limerick Regeneration and</li> </ul>	Where new land use developments or activities occur as a result of this legislation,

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	primary driver of economic and population growth in the Southern Region.	to further enhance Limerick City as a primary economic driver for the Southern Region.	plan, programme, etc., individually or in combination with others, potential in-combination effects 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.
<b>Tipperary County Biodiversity Action Plan 2021-2025</b>	Aims to protect, conserve, enhance and restore heritage, biodiversity and ecosystem services across all spectrums.	Plan's objectives include: <ul style="list-style-type: none"> <li>• gathering information on the biodiversity resource</li> <li>• managing the resource</li> <li>• education and awareness</li> <li>• cooperation to achieve objectives</li> </ul>	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 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.
<b>County Tipperary Character Assessment and Landscape Character Assessments in adjoining local authorities</b>	Characterises the geographical dimension of the landscape.	<ul style="list-style-type: none"> <li>• Identifies the quality, value, sensitivity and capacity of the landscape area.</li> <li>• Guides strategies and guidelines for the future development of the landscape.</li> </ul>	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 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.
<b>Strategic Tourism Marketing, Experience and Destination Development Plan 2016-2021 and 'Tipperary Transforming – Tourism Product Development Plan 2020 – 2030'</b>	The overall objective has been to create a Plan to enable growth for Tipperary as a unique tourism destination within the island of Ireland experience.	In meeting that objective the Plan's aims are: <ul style="list-style-type: none"> <li>• To develop and promote the tourism experiences in order to improve Tipperary's performance within the national framework;</li> <li>• To encourage industry sustainability and growth through the improvement and development of product offering;</li> <li>• To build the capacity of tourism providers and to extend visitor length of stay; and</li> <li>• To identify and build synergies between different tourism product offerings in order to deliver a top quality visitor experience.</li> </ul>	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 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.
<b>Tipperary Heritage Plan 2017-2021</b>	The Plan's overarching aim is 'Contributing towards quality of life'.	The Plan details a number of actions and initiatives aimed at ensuring that heritage continues to make a significant contribution to quality of life and remains an important part of the social and cultural infrastructure of the County.	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 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

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<b>Tipperary County Council's Noise Action Plan 2019-2023</b>	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.	The main purpose of Noise Action Plans is to:  Inform and consult the public about noise exposure, its effects and the measures which may be considered to address noise problems Address strategic noise issues by requiring competent authorities to draw up action plans to manage noise issues and their effects Reduce noise, where possible, and maintain the environmental acoustic quality where it is good	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 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.
<b>Tipperary County Council's Climate Adaption Strategy 2019-2024</b>	Respond to the impact that climate change is having, and will continue to have. Attempt to climate change adaptation and mitigation.	The Tipperary County Council Climate Change Action Plan 2019- 2024 features a range of actions across sectors including: Energy and Buildings; Flood Relief and Resilience; Transport; Resource Management; Coastal Protection and nature-based solutions; and Communities.	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 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.
<b>Tipperary County Council Renewable Energy Strategy</b>	The Strategy sets out the framework for the delivery of sustainable and renewable energies throughout the County.	The LARES outlines the potential for a range of renewable energy resources and developments and acknowledges the significant contribution that they can make to the county in terms of energy security, reduced reliance on traditional fossil fuels, enabling future energy exports, meeting assigned national targets and the transition to a low carbon economy	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 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.
<b>'The Connecting Ireland Rural Mobility Plan' by the National Transport Authority</b>	The plan aims to improve mobility in rural areas, and it will do this by providing better connections between villages and towns by linking these areas with an enhanced regional network connecting cities and regional centres nationwide.	These principles include: <ul style="list-style-type: none"><li>• Increasing frequency on existing routes to attract more passengers;</li><li>• Design useful and integrated timetables;</li><li>• Schedule services to arrive at a centre before 09:00, particularly for work and education trips;</li><li>• Allow for trips in the middle of the day for those shopping, attending health appointments, or visiting friends and family;</li><li>• Schedule a return home at around 17:30 and potentially provide later services for socialising and evening retail where there is demand;</li><li>• Provide services seven days a week;</li><li>• Provide local routes that connect smaller settlements with the regional public transport network with integrated timetables that allow more interchange opportunities; and</li><li>• Serve key locations within towns, e.g. hospitals, train stations, educational institutes, etc.</li></ul>	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 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.

Legislation, Plan, etc.	Summary of high-level aim/ purpose/ objective	Summary of lower level objectives, actions etc.	Relevance to the Plan
<p><b>Southern Regional Waste Management Plan 2015-2021</b></p>	<p>These plans give 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 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><b>Fáilte Ireland Tourism plans, strategies, including those relating to 'Ireland's Ancient East', 'Lough Derg Visitor Experience Programme 2020-2024' 'Ireland's Hidden Heartlands' and 'Wild Atlantic Way' Brands, Regional Tourism Development Strategies and Destination Experience Development Plans</b></p>	<p>Fáilte Ireland's work includes preparing various plans and strategies for Ireland's Hidden Heartlands, the Wild Atlantic Way, Ireland's Ancient East 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.</p>	<p>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 or 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.</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 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><b>Various existing, planned and emerging projects provided for by the above plans and programmes</b></p>	<p>These projects have been provided for by higher-level plans and programmes.</p>	<p>These projects will contribute towards the development of the area to which the Plan relates and/or wider area and will contribute towards 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 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>