



APPENDIX 5

LIST OF PLANS AND PROJECTS

1. LIST OF PLANS AND PROJECTS

1.1 Plans

The following development plans have been reviewed and taken into consideration as part of this assessment:

- Cork County Development Plan 2022-2028
- Regional Spatial and Economic Strategy for the Southern Region, Project Ireland 2040
- Ireland's 4th National Biodiversity Action Plan 2023-2030

The review focused on policies and objectives that relate to Natura 2000 sites and natural heritage. Policies and objectives relating to sustainable land use were also reviewed and are provided in the table below.

Table 1-1 Review of plans

Plans	Key Policies/Issues/Objectives Directly Related to European Sites	Assessment of potential for cumulative effect
<p>Cork County Development Plan 2022-2028</p>	<p>It is the Policy of the Council to:</p> <p>RP 5-19 Greenbelts around Settlements</p> <p>b) Reserve generally for use as agriculture, open space or recreation uses those lands that lie in the immediate surroundings of towns. Where Natura 2000 sites, Natural Heritage Areas, proposed Natural Heritage Areas and other areas of biodiversity value occur within Greenbelts, these shall be reserved for uses compatible with their nature conservation designation and biodiversity value.</p> <p>WM 11-1: EU Water Framework Directive and the River Basin Management Plan</p> <p>f) Support the prioritisation of the provision of water services infrastructure in:</p> <ul style="list-style-type: none"> • All settlements where services are not meeting current needs, are failing to meet the requirements of the Urban Wastewater Treatment Directive, and where these deficiencies are having negative impacts on Natura 2000 sites; and <p>g) Development may only proceed where appropriate wastewater treatment is available which meets the requirements of environmental legislation, the Water Framework Directive and the requirements of the Habitats Directive.</p> <p>GI 14-1: Countywide Green and Blue Infrastructure Objectives</p>	<p>The Development Plan was comprehensively reviewed, with particular reference to Policies and Objectives that relate to the biodiversity, protected species and designated sites.</p> <p>The Proposed Project has been designed in order to avoid residual adverse effect on European Sites. Where the potential for adverse effect has been identified, mitigation will be implemented as prescribed to ensure that there is no residual adverse effect.</p> <p>No potential for adverse cumulative effects when considered in conjunction with the Proposed Project were identified.</p>

Plans	Key Policies/Issues/Objectives Directly Related to European Sites	Assessment of potential for cumulative effect
	<p>b) Develop the green infrastructure network (including green corridors) to ensure the conservation and enhancement of biodiversity, including the protection of Natura 2000 European Sites, the provision of accessible parks, open spaces and recreational facilities (particularly within settlements), the sustainable management of water, the maintenance of landscape character and the protection and enhancement of architectural and archaeological heritage.</p> <p>BE 15-2: Protect sites, habitats and species</p> <p>a) Protect all natural heritage sites which are designated or proposed for designation under European legislation, National legislation and International Agreements. Maintain and where possible enhance appropriate ecological linkages between these. This includes Special Areas of Conservation, Special Protection Areas, Marine Protected Areas, Natural Heritage Areas, proposed Natural Heritage Areas, Statutory Nature Reserves, Refuges for Fauna and Ramsar Sites. These sites are listed in Volume 2 of the Plan.</p> <p>b) Provide protection to species listed in the Flora Protection Order 2015, to Annexes of the Habitats and Birds Directives, and to animal species protected under the Wildlife Acts in accordance with relevant legal requirements. These species are listed in Volume 2 of the Plan.</p> <p>c) Protect and where possible enhance areas of local biodiversity value, ecological corridors and habitats that are features of the County's ecological network. This includes rivers, lakes, streams and ponds, peatland and other wetland habitats, woodlands, hedgerows, tree lines, veteran trees, natural and semi-natural grasslands as well as coastal and marine habitats. It particularly includes habitats of special conservation significance in Cork as listed in Volume 2 of the Plan.</p>	

Plans	Key Policies/Issues/Objectives Directly Related to European Sites	Assessment of potential for cumulative effect
	<p>e) Encourage, pursuant to Article 10 of the Habitats Directive, the protection and enhancement of features of the landscape, such as traditional field boundaries, important for the ecological coherence of the Natura 2000 network and essential for the migration, dispersal and genetic exchange of wild species.</p> <p>BE 15-17: Waste Prevention and Management</p> <p>a) Planning applications for infilling of marginal land through soil importation will be supported where it can be demonstrated that the developments accord with proper planning and sustainable development, ensuring that they are compatible with the protection of environmental resources including water quality, Natura 2000 sites, biodiversity, archaeological and landscape resources.</p>	
<p>Regional Spatial and Economic Strategy for the Southern Region, Project Ireland 2040</p>	<p>Regional Policy Objective 1:</p> <p>b - The RSES seeks to protect, manage, and through enhanced ecological connectivity, improve the coherence of the Natura 2000 Network in the Southern Region.</p> <p>c - RSES support for other plans/ programmes (and initiatives arising) is on the basis of appropriate SEA, SFRA, EIA and AA processes being undertaken in order to ensure the avoidance of adverse effects on European Sites and ensure implementation of mitigation measures where required</p> <p>d - Development Plans shall include an objective for the protection of European sites and Natural Heritage Areas (designated and notified proposed NHAs).</p> <p>Regional Policy Objective 38.c - Support initiatives that retrofit environmental amenities to address adverse effects on biodiversity and the environment.</p>	<p>The Development Plan was comprehensively reviewed, with particular reference to Policies and Objectives that relate to the biodiversity, protected species and designated sites.</p> <p>The Proposed Project has been designed in order to avoid residual adverse effect on European Sites. Where the potential for adverse effect has been identified, mitigation will be implemented as prescribed to ensure that there is no residual adverse effect.</p> <p>No potential for adverse cumulative effects when considered in conjunction with the Proposed Project were identified.</p>

Plans	Key Policies/Issues/Objectives Directly Related to European Sites	Assessment of potential for cumulative effect
	<p>Regional Policy Objective 117 - It is an objective to avail of opportunities to enhance biodiversity and amenity and to ensure the protection of environmentally sensitive sites and habitats, including where flood risk management measures are planned. Plans and projects that have the potential to negatively impact on Natura 2000 sites are subject to the requirements of the Habitats Directive.</p>	
<p>Ireland's 4th National Biodiversity Action Plan 2023-2030</p>	<ul style="list-style-type: none"> • Objective 1: Adopt a Whole-of Government, Whole of Society Approach to Biodiversity. Proposed actions include capacity and resource reviews across Government; determining responsibilities for the expanding biodiversity agenda providing support for communities, citizen scientists and business; and mechanisms for the governance and review of this National Biodiversity Action Plan. • Objective 2: Meet Urgent Conservation and Restoration Needs. Supporting actions will build on existing conservation measures. Efforts to tackle Invasive Alien Species will be elevated. The protected area network will be expanded to include the Marine Protected Areas. The ambition of the EU Biodiversity Strategy will be considered as part of an evolving work programme across Government. • Objective 3: Secure Nature's Contribution to People. Actions highlight the relationship between nature and people in Ireland. These include recognising the tangible and intangible values of biodiversity, promoting nature's importance to our culture and heritage and recognising how biodiversity supports our society and our economy. • Objective 4: Enhance the Evidence Base for Action on Biodiversity. This objective focuses on biodiversity research needs, as well as the development and strengthening of long-term monitoring programmes that will underpin and strengthen future decision-making. Action will also focus on collaboration to 	<p>The Development Plan was comprehensively reviewed, with particular reference to Policies and Objectives that relate to the biodiversity, protected species and designated sites.</p> <p>The Proposed Project has been designed in order to avoid residual adverse effect on European Sites. Where the potential for adverse effect has been identified, mitigation will be implemented as prescribed to ensure that there is no residual adverse effect.</p> <p>No potential for adverse cumulative effects when considered in conjunction with the Proposed Project were identified.</p>

Plans	Key Policies/Issues/Objectives Directly Related to European Sites	Assessment of potential for cumulative effect
	<p>advance ecosystem accounting that will contribute towards natural capital accounts.</p> <ul style="list-style-type: none"> • Objective 5: Strengthen Ireland’s Contribution to International Biodiversity Initiatives. Collaboration with other countries and across the island of Ireland will play a key role in the realisation of this Objective. Ireland will strengthen its contribution to international biodiversity initiatives and international governance processes, such as the United Nations Convention on Biological Diversity. 	

1.2 **Projects**

1.2.1 **Other Wind Farm Projects**

1.2.1.1 **Wind Farm projects within the boundary of Mullaghanish to Musheramore Mountains SPA**

One existing wind farm was identified within the boundary of the SPA, Bawnmore Wind Farm (PL references - 04.232274, EOD-08/6149, 074102, 088770), which is a 25MW wind farm with 11 no. turbines. Bawnmore is over 28km from the Proposed Wind Farm.

1.2.1.2 **Wind Farm projects within 25km of Mullaghanish to Musheramore Mountains SPA**

Table 1-2 lists 15 no. existing wind farm projects and 1 no. decommissioned wind farm project identified within 25km of the SPA. No potential for cumulative adverse effect in combination with the WEDcross single turbine (Cork Co. Council planning ref 06/12438) was identified due to the small scale and industrial location of this turbine.

Table 1-3 lists 11 no. proposed or permitted (as well as refused) wind farm projects within 25km of the SPA.

Table 1-2 Existing Wind Farms within 25km of Mullaghanish to Musheramore Mountains SPA

Project Name	Project Capacity (MW)	Status	Planning Authority	Final Planning Reference Number	Distance from Proposed Wind Farm (km)
Kealkill	8.5	Decommissioned by 2018	Cork County Council	PL04.127297	3
Carrigdangan	54.3	Operational	Cork County Council	ABP-313261-22	4
Grousemount	114.2	Operational	An Comisiún Pleanála	PA08.PA0044	11
Cleanrath	42.64	Operational	An Comisiún Pleanála	SU04.307939	12
Midas	29.8	Operational	Kerry County Council	02719	16
Coomagearlaghy	81	Operational	Kerry County Council	032306	17
Clydaghroe	<5	Operational	Kerry County Council	06/1680	23
Boggeragh	122.7	Operational	Cork County Council	PL04.130546	38
Caherdowney	10	Operational	Cork County Council	033079	26
Carrigcannon	20	Operational	Cork County Council	EOD-104119	40
Coomacheo	59.8	Operational	Cork County Council	03/1997	27
Esk	23.35	Operational	Cork County Council	PL04.245196	44
Garranereagh	8.75	Operational	Cork County Council	105711	22
Gneeves	9.35	Operational	Cork County Council	EOD-134566	27

Scartaglen	39.25	Operational	Kerry County Council	13/725	41
Knockacummer	100	Operational	Cork County Council	EOD-105211	50

Table 1-3 Proposed Wind Farms within 25km of Mullaghanish to Musheramore Mountains SPA

Project Name	Planning Authority	Planning Reference Number	Development Description	Application Status
Ballinagree	Cork County Council	PA04.312606	Wind farm development of 20 turbines with 110kV electrical substation and all related site works and ancillary development	Permitted
Barnadivane	Cork County Council	14/6760, 05/5907, 03/2365, 11/6605	6 no. wind turbines.	Permitted
Cummeenabuddoge	Kerry County Council	321029	17 no. wind turbines and related works	Pre-application
Curraglass	Cork	25/6398 PL88.500665	3 no. wind turbines and related works	In Planning
Derragh	Cork	12/5270	6 no. wind turbines and related works	Operational
Derryreag/ Inchamore	Kerry	23646 PL08.317889	Development of 5 no. turbine wind farm	Refused
Gortloughra	Cork	PC04.311299	Construction of 8 wind turbines of approximately 6 megawatts each with a combined output of approximately 54 megawatts	Proposed
Gortyrhilly	Cork	PA04.314602	Wind farm development of 14 turbines with 110kV electrical substation and all related site works and ancillary development.	Permitted
Kilgarvan	Kerry	319741	Proposed Windfarm repowering Application of the existing Kilgarvan Wind Farm	Permitted

Torengarrive	Kerry	17/300	Proposed wind farm. Reanasup, Lisheen, Knocknageehqa, Reaboy, Barna, Ballyahulla,	Refused
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1.2.1.3 Wind Farm Projects within 10km of the Proposed Wind Farm

Table 1-4 Wind Farm Projects Within 10km of the Proposed Project

County	Wind Farm	Planning Status	Number of Turbines	Separation Distance (turbine to turbine)
Cork	Gortloughra Wind Farm	Proposed	8	1.9km
Cork	Shehy More Wind Farm	Existing	11	2.6km
Cork	Dereenacreenig West Wind Farm	Proposed	3	3.6km
Cork	Curaglass Wind Farm	Proposed	3	4km
Cork	Milane Hill Wind Farm	Existing	9	8.7km
Cork	Carrigarierk Wind Farm	Existing	5	8.9km
Cork	Carrigarierk Extension Wind Farm	Permitted	3	9.4km
Kerry	Grousemount Wind Farm	Existing	38	10km

1.2.2 Other Projects in the vicinity of the Proposed Grid Connection

Planning Authority	Planning Reference No.	Development Description	Site Boundary (dist.km)	Grid Route (dist.km)
Cork County Council	17/431	10 year permission for proposed development consisting of: (1) A 110kV electricity substation including 2 no. control buildings associated electrical plant and equipment, underground electricity cabling, fencing, alterations to a previously permitted bor	0	0
Cork County Council	21/902	A ten year planning permission for proposed development consisting of a 20 kilovolt (kV) electrical powerline grid connection, approximately 10,117 metres in overall length (made up of approximately 9,983 metres of underground cable and approximately 134	0	0
Cork County Council	23/74	Permission for facilitating works for the provision of access to existing hill-walking routes at Shehy Mountain as follows: (i) construction of parking area for bicycles, cars and small buses at Shehy Beg, Dunmanway, Co. Cork, (ii) installation of 5 no.	0	0
Cork County Council	23/654	The existing Bandon to Dunmanway 110 kV Overhead Line (OHL), which is approximately 26km long between the existing Bandon 110kV Substation in the townland of Mishells, Co. Cork (approximately 1km north of Bandon, Co. Cork) and the existing Dunmanway 110k	0	0
Cork County Council	17/238	Construct an engineering workshop, permission to renovate and extend existing engineering parts store and sales building including extending existing ground floor parts storage area, extending existing first floor parts storage area, alter and raise the	0	0.001
Cork County Council	24/359	Permission for retention of minor alterations to fenestrations of existing dwelling from that granted in planning ref. no. 06/1858 and all associated site works	0	0.0025
Cork County Council	20/131	Construct a cattle house with slatted slurry tank, site entrance, internal access road and carry out associated site works	0	0.0028
Cork County Council	21/186	Permission for retention of existing cattle house with two no. slatted slurry tanks, permission to construct a new cattle house with two slurry tanks and carry out all associated site works	0	0.0037
Cork County Council	19/325	Construction of detached storage agricultural shed and all associated site works	0	0.004
Cork County Council	18/575	To construct extension to dwelling	0	0.0042
Cork County Council	18/622	The construction of a dwelling, entrance, treatment plant and associated site works	0	0.0046
Cork County Council	19/315	To consist of a new bay which will comprise of a cable chair, a circuit breaker, a voltage transformer, a current transformer and a conductor that transfers electricity between them and onto the existing busbar and a 15m high lightning nonopole. The pro	0	0.0046
Cork County Council	16/252	Single storey extension to existing dwelling and associated site works	0	0.0047
Cork County Council	24/48	Construction of extensions to the sides and rear of an existing dwelling house, alterations to the existing dwelling house and installation of a new septic tank and percolation area and all associated site works	0	0.005
Cork County Council	21/575	Permission for the construction of a dwelling house with attached garage and a domestic storage shed and all associated site works	0	0.0051
Cork County Council	25/126	Construct a new dwelling house	0	0.0052
Cork County Council	20/523	Full Planning Permission for a) relocation of entrance to dwelling as granted under planning application number 13/544 b) closure of existing entrance to dwelling as granted under planning application number 13/544 c) all associated siteworks	0	0.008
Cork County Council	18/785	Construct an entrance and access road to a forestry block and all associated site services	0	0.0097
Cork County Council	24/224	Upgrade works to the existing wastewater network and all associated site development works: 1. Decommissioning of 485 linear meters of sewers along the north bank of the Sally (Dirty) River, in addition to the upstream river crossing, and 648 linear me	0	0.0106
Cork County Council	21/24	Construction of a dwellinghouse and an agricultural building for the storage of hay and farm machinery and associated site works	0	0.0214
Cork County Council	19/192	To construct a cattle house and carry out associated site works	0	0.0351

Cork County Council	21/551	Alterations to a previously approved permission under 20/533 (for the construction of an extension, elevational changes, demolitions, internal refurbishments to an existing dwelling, landscaping and all associated site works); The new alterations consist	0	0.0455
Cork County Council	20/533	Construction of an extension, elevational changes, demolitions, internal refurbishments to an existing dwelling, landscaping and all associated site works	0	0.0455
Cork County Council	16/360	Construct extension to dwelling	0	0.0538
Cork County Council	16/707	Permission to construction extension to dwelling.	0	0.0538
Cork County Council	17/578	Construct a dwelling house and carry out associated site works	0.014	0.1191
Cork County Council	17/254	Permission for - a) The demolition of existing extensions onto existing dwelling - b) The construction of a new extension to the side of existing dwelling - c) Alterations to existing dwelling	0.0364	0.14
Cork County Council	22/489	Construct slatted tank within existing agricultural building for housing cattle	0.0503	0.1525
Cork County Council	23/479	Construct an extension to the side of dwelling	0.0575	0.1549
Cork County Council	20/464	Permission for retention of 3 no. extensions to dwelling house and ancillary site works	0	0.1974
Cork County Council	18/675	Retention of rear extension and front porch extension to dwelling	0.1222	0.221