

Kildare County Council & Meath County Council

Draft Maynooth and Environs Joint Local Area Plan 2025-2031

Combined Screening for AA and AA Report (Natura Impact Report)

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Contents

1.	Introduction	1
1.1	Overview	1
1.2	Report Aim	1
1.3	Maynooth and Environs Joint Local Area Plan Background	1
1.4	Legislative Context	1
1.5	Relationship with the SEA Directive	2
1.6	Report Structure	2
2.	The Draft Plan	2
2.1	Overview	2
2.2	Draft Plan Objectives	3
2.3	Geographic Area	3
3.	Appropriate Assessment Process	4
3.1	Appropriate Assessment Stages	4
3.2	Definitions	4
4.	Methodology	5
4.1	Guidance	5
4.2	Data Sources	6
4.3	Methodology	7
5.	AA Screening Assessment	8
5.1	Overview	8
5.2	Source-Pathway-Receptor	8
5.3	Identification of Potential Sources of Impacts	8
5.4	Identification of Potential Pathways	9
5.5	Identification of Potential Receptors	11
5.6	Consideration of Likely Significant Effects - Screening Assessment	12
5.7	European Sites Under Consideration	18
5.8	Assessment of In-Combination Effects with other Plans and Projects	24
5.9	Summary	36
6.	Appropriate Assessment	37
6.1	Overview	37
6.2	Rye Valley Water/Cartron SAC	37
7.	Mitigation	40
7.1	Overview	40
7.2	Recommended Mitigation for the draft Plan	40
8.	Summary and Conclusion	42
8.1	Summary	42
8.2	Conclusions	42

Tables

Table 1 Objectives of the draft Plan anticipated to give rise to adverse effects on the integrity of a European site in the absence of mitigation	12
Table 2. European sites within the Zone of Influence of the draft Plan.	19
Table 3 In-Combination Assessment of the draft Plan with other projects and plans	25
Table 4. Impact Assessment of the draft Plan.	A-2

Figures

Figure 1. Boundary of the draft Plan area.	4
Figure 2 EU Site Network in proximity to the draft Plan area	23
Figure 3 The Rye Water Valley/Carton SAC in proximity to the draft Plan area.	38

Appendices

Appendix A	A-1
Impact Assessment of the draft Plan Objectives	A-1
A.1 Screening Assessment of the draft Plan	A-2

1. Introduction

1.1 Overview

This combined Appropriate Assessment (AA) Screening and full AA report has been prepared by Ove Arup and Partners Ltd (Arup) on behalf of Kildare County Council (KCC) and Meath County Council (MCC) in connection with the Draft Maynooth and Environs Joint Local Area Plan 2025-2031 (hereafter referred to as the ‘draft Plan’).

Arup has been appointed by KCC to undertake AA Screening and AA of the draft Joint LAP to address both functional areas in Counties Kildare and Meath. The draft Plan development process will be carried out in parallel with the Strategic Environmental Assessment (SEA) process and the outcomes will feed into the Plan.

1.2 Report Aim

This report is presented as a combined AA Screening and AA report. The AA Screening report has been prepared to provide information for the ‘competent authority’¹ regarding the potential for ‘Likely Significant Effects’ (LSE) of the draft Plan, on European sites within the Zone of Influence (ZoI) of the draft Plan². The AA report has been prepared to provide information regarding the risk of Adverse Effects on the Integrity (AEoI) of European sites.

The draft Plan covers the Maynooth and environs area, which lies within the functional area of Kildare and Meath County Councils. Both KCC and MCC are the competent authorities for the draft Plan.

1.3 Maynooth and Environs Joint Local Area Plan Background

The draft Plan has been prepared to replace the Maynooth Local Area Plan 2013-2019 and to replace the written statement for the Maynooth Environs contained in the Meath County Development Plan 2021-2027 (as varied). An overview of the aims and required contents of the draft Plan is provided within Section 2. The draft Plan has been prepared by both Kildare County Council and Meath County Council as it lies within the functional areas of both local authorities.

1.4 Legislative Context

The Habitats Directive on the conservation of natural habitats and wild fauna and flora (92/43/EEC) (the ‘Habitats Directive’) provides the legal protection for habitats and species, with Articles 3 to 9 providing legislation protection to the EU wide network of sites known as the Natura 2000 site network. Natura 2000 is a network of protected sites which comprises Special Areas of Conservation (SACs) and Special Protection Areas (SPAs) (referred to as European sites within this report). SACs are protected sites designated under the Habitats Directive. They are high quality sites that contribute significantly to the conservation of a large range of habitats and species.

Articles 6(3) and 6(4) of the Habitats Directive set out the decision-making tests for plans and projects likely to affect European sites. Article 6(3) establishes the requirement for AA whilst Article 6(4) sets out the Alternative Solutions, Imperative Reasons of Overriding Public Interest (IROPI) and compensatory measures where AEoI of European sites cannot be excluded.

¹ Per the Planning & Development Act 2000 (as amended) the competent authority is defined as “A competent authority, in performing the functions conferred on it by or under this Part, shall take appropriate steps to avoid in a European site the deterioration of natural habitats and the habitats of species as well as the disturbance of the species for which the site has been designated, insofar as such disturbance could be significant in relation to the objectives of the Habitats Directive”

² Variation No. 1 of the Meath County Development Plan seeks inter alia, to ‘...replace the... Written Statement and update the relevant household allocation while retaining the land use zoning objectives contained in Volume 2 of the Meath County Development Plan 2021-2027’. It also provides for the Written Statement for the Maynooth Environs contained in the Meath County Development Plan to continue to have effect until such a time as the draft Joint Local Area Plan for Maynooth and Environs 2025-2031 is adopted. Variation No. 1 was adopted by the Elected Members of Meath County Council on 13th May 2024 following consideration of the Chief Executive’s Report on Submissions Received to the Draft Variation.

The Habitats Directive has been transposed into Irish law by the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. No. 477 of 2011) (as amended), and by Part XAB of the Planning and Development Act, 2000 (as amended). In the context of the draft Plan, the governing legislation is principally Part XAB of the Planning and Development Act, 2000 (as amended).

1.5 Relationship with the SEA Directive

In the preparation of this combined AA Screening and AA report, the approach has been conducted in parallel with the requirements of the SEA process (2001/42/EC as transposed into Irish law). Article 3.2(b) of the SEA Directive expressly links to AA. The SEA process requires that an environmental report is prepared to accompany a draft plan for public consultation. Following the consultation period, the plan may be finalised in its issue form. To facilitate an informed assessment under both processes, it is necessary to consider both the draft and final versions of the plan.

1.6 Report Structure

The report is structured below:

- Section 2 provides an overview of the draft Plan;
- Section 3 outlines the AA process and provides important definitions;
- Section 4 outlines the guidance, data and methodology used to inform the assessment;
- Section 5 sets out the AA Screening Assessment;
- Section 6 details the consideration of Likely Significant Effects;
- Section 7 provides the recommended mitigation; and
- Section 8 provides the summary and conclusion of the report.

2. The Draft Plan

2.1 Overview

A Local Area Plan (LAP) is required for an area designated as a town in the most recent census of population, other than a town designated as a suburb or environs in that census, has a population in excess of 5,000 and is situated in the functional area of the planning authority which is a county council (Section 19 of the Act). Census 2022 recorded a population of 17,259 persons in the town of Maynooth. A LAP is therefore a mandatory requirement.

The existing local plan is the Maynooth LAP 2013-2019. A written statement for the Maynooth Environs is contained within the Meath County Development Plan 2021-2027 (as varied)³.

The draft Plan will act as the key statutory planning document, setting out an overarching strategy to guide and manage the proper planning and sustainable development of Maynooth and Environs over the life of the draft Plan. The role of the draft Plan is to integrate both ‘top-down’ and ‘bottom-up’ development priorities for the town.

³ Variation No. 1 of the Meath County Development Plan seeks inter alia, to ‘...replace the... Written Statement and update the relevant household allocation while retaining the land use zoning objectives contained in Volume 2 of the Meath County Development Plan 2021-2027’. It also provides for the Written Statement for the Maynooth Environs contained in the Meath County Development Plan to continue to have effect until such a time as the draft Joint Local Area Plan for Maynooth and Environs 2025-2031 is adopted. Variation No. 1 was adopted by the Elected Members of Meath County Council on 13th May 2024 following consideration of the Chief Executive’s Report on Submissions Received to the Draft Variation.

For example, while the Joint LAP is required to align with national, regional and county planning policy, it also can provide for locally tailored and site-specific objectives and actions, in response to Maynooth's unique development needs and characteristics.

The draft Plan has been prepared in accordance with Objective RPO 4.35 of the Regional Spatial and Economic Strategy 2019–2031 for the Eastern and Midland Region, which requires that a Joint LAP be prepared by Kildare County Council (KCC) and Meath County Council (MCC) to provide for a co-ordinated planning framework for the Maynooth area. The objective states that the Joint LAP shall:

- Provide a boundary for the plan area;
- Identify strategic housing and employment development areas and infrastructure investment requirements; and
- Promote greater co-ordination and sequential delivery of serviced lands for development.

2.2 Draft Plan Objectives

The Draft Local Plan includes twelve chapters, covering the following topics:

- Ch 1: Introduction and Context;
- Ch 2: Spatial Planning Context and Vision;
- Ch 3: Compliance with the Core Strategies;
- Ch 4: Delivering Place Quality in a Low Carbon Town;
- Ch 5: Homes and Communities;
- Ch 6: Economic Development;
- Ch 7: Movement and Active Travel;
- Ch 8: Built Heritage and Archaeology;
- Ch 9: Green and Blue Infrastructure;
- Ch 10: Infrastructure and Environmental Services; and
- Ch 11: Implementation

There are a total of 184 objectives within the draft Plan relating to these topics.

2.3 Geographic Area

The Draft Plan applies to the Maynooth and Environs area, with the boundary of the draft Plan shown below in Figure 1.

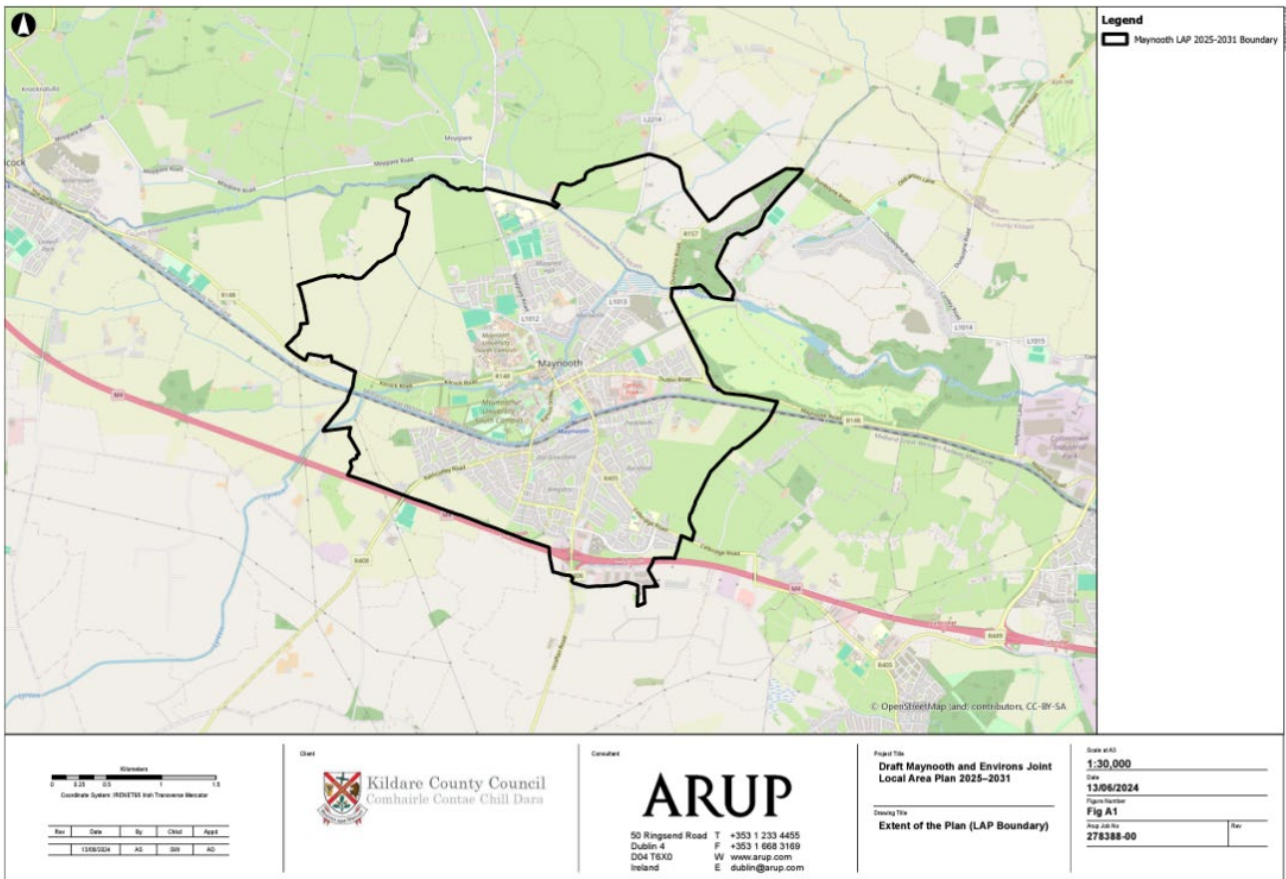


Figure 1. Boundary of the draft Plan area.

3. Appropriate Assessment Process

3.1 Appropriate Assessment Stages

The AA process involves a number of steps and tests that need to be applied in sequential order.

An important aspect of the process is that the outcome at each successive stage determines whether a further stage in the process is required. First of all, a plan or project must be screened to identify whether the potential for likely significant effects on a European site(s) exists. If that possibility cannot be excluded, an Appropriate Assessment is to be undertaken prior to any consent being granted. Consent shall not be granted if it cannot be concluded that there will be no adverse effects on the integrity of any European site. Article 6(4) allows for consent to be granted in particular and exceptional circumstances, even if adverse effects may arise.

3.2 Definitions

3.2.1 European Sites

European sites, as defined under the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. 477/2011)(as amended) are part of the Natura 2000 network and include those designated as SACs, candidate SACs (cSACs), SPAs or proposed SPAs (pSPAs). These are sometimes referred to as Natura 2000 sites.

SACs are selected for the conservation of Annex I⁴ habitats (including priority types which are in danger of disappearance) and Annex II⁵ species (other than birds).

SPAs are selected for the conservation of Annex I birds and all migratory birds and their habitats.

The Annex habitats and species, for which each site is selected, are termed the Qualifying Interests (QI) for SACs and termed Special Conservation Interests (SCI) for SPAs of each site.

3.2.2 Conservation Objective

Conservation Objectives (COs) for the European sites are defined for the relevant QIs and SCIs. In its most general sense, a CO is the specification of the overall target for the species and/or habitat types for which a site is designated in order for it to contribute to maintaining or reaching favourable conservation status⁶.

3.2.3 Source-Pathway-Receptor Model

The Source-Pathway-Receptor model is used to assess where a potential effect may result by examining the source, its pathway and the receptor. As per guidance from the OPR⁷ these can be defined as follows:

- **Source:** The origin of a potential effect which may include characteristics of a plan or project that have the potential to result in effects e.g. direct impacts such as loss of habitat;
- **Pathway:** How the potential effect may occur on the source. These are identifiable through linkages that may occur through the plan or project and European sites e.g. direct pathways such as physical proximity, hydrological connections or indirect pathways such as disturbance to migrating species; and
- **Receptor:** The European site network and respective QIs/SCIs, their ecological condition and sensitivities e.g. freshwater pearl mussel is sensitive to siltation in water.

3.2.4 Zone of Influence

A Zone of Influence (ZoI) within any assessment of projects and/or plans considers the area over which ecological features may be affected by biophysical changes as a result of the proposed plan/project and associated activities.

4. Methodology

4.1 Guidance

The following guidance was used in carrying out the assessment:

- Assessment of plans and projects in relation to Natura 2000 Sites: Methodical guidance on Article 6(3) and (4) of the Habitats Directive 92/43/EEC (European Commission Environment Directorate-General, 2014);
- Communication from the Commission on the precautionary principle. European Commission (2000);
- Guidance Document on Article 6(4) of the Habitats Directive 92/43/EEC (European Commission, 2007);
- Guidelines for Good Practice Appropriate Assessment of Plans under Article 6(3) Habitats Directive (International Workshop on Assessment of Plans under the Habitats Directive, 2011);

⁴ Annex I habitats are habitats whose conservation requires the designation of Special Areas of Conservation

⁵ Annex II species are animal and plant species whose conservation requires the designation of Special Areas of Conservation

⁶ Commission Note on Setting Conservation Objectives for Natura 2000 Sites (November 2012) European Commission, Doc. Hab.12-04/06. Accessed at: http://ec.europa.eu/environment/nature/natura2000/management/docs/commission_note/commission_note2_EN.pdf

⁷ OPR (2021) Appropriate Assessment Screening for Development Management. OPR Practice Note PN01

- Managing Natura 2000 Sites: The Provision of Article 6 of the Habitats Directive 92/43/EEC (EC Environment Directorate-General, 2019);
- Office of the Planning Regulator Practice Note PN01 - Appropriate Assessment Screening for Development Management (OPR, 2021); and
- Strict Protection of Animal Species Guidance for Public authorities on the Application of Articles 12 and 16 of the EU Habitats Directive to development/works undertaken by or on behalf of a Public authority (NPWS 2021);
- Appropriate Assessment of Plans and Projects in Ireland – Guidance for Planning Authorities (Department of Environment, Heritage and Local Government, 2010 revision);
- Appropriate Assessment under Article 6 of the Habitats Directive; Guidance for Planning Authorities. Circular National Parks and Wildlife Service (NPWS) 1/10 and PSSP 2/10;

The requirements for Screening for AA, and AA, for European sites, are set out in Part XAB of the Planning & Development Act 2000 (as amended) with numerous relevant rulings and opinions issues in both Irish and EU courts. AA is a process required under Article 6(3) of the EU Habitats Directive as transposed by the Planning & Development Act as stated within Section 1.4.

4.2 Data Sources

The ecological data reviewed to inform this report included:

- Environmental Protection Agency (EPA) Map Viewer⁸;
- EPA- Ireland’s Environment. An Integrated Assessment 2020 Article 12 web tool⁹;
- Kildare County Council (2023) Kildare County Development 2023-2029¹⁰;
- NPWS (2023) Conservation Objectives Series¹¹;
- NPWS (2023) SAC and SPA Datasheets¹²;
- National Parks and Wildlife Service (NPWS) Designations web viewer¹³;
- NPWS Protected Sites in Ireland¹⁴;
- NPWS The Status of EU Protected Habitats and Species in Ireland Web Viewer¹⁵;
- The Status of EU Protected Habitats and Species in Ireland. Volume 1: Summary Overview. Unpublished NPWS report¹⁶. NPWS (2019);
- The Status of EU Protected Habitats and Species in Ireland. Volume 2: Habitat Assessments. Unpublished NPWS report¹⁷. Edited by: Deirdre Lynn and Fionnuala O’Neil. NPWS (2019); and

⁸ EPA Map Viewer accessed at <https://gis.epa.ie/EPAMaps/> accessed November 2023

⁹ Article 12 of the Birds Directive Web tool accessed at <https://nature-art12.eionet.europa.eu/article12/> accessed November 2023

¹⁰ Kildare County Council (2023) Kildare County Development Plan 2023-2029 Accessed at <https://kildarecoco.ie/AllServices/Planning/DevelopmentPlans/KildareCountyDevelopmentPlan2023-2029/> May 2024.

¹¹ NPWS Conservation objectives accessed at <https://www.npws.ie/protected-sites/conservation-management-planning/conservation-objectives> accessed November 2023

¹² NPWS SAC and SPA Datasheets accessed at <https://www.npws.ie/maps-and-data/designated-site-data/sac-and-spa-datasheets-downloads> accessed November 2023

¹³ NPWS Designations web viewer accessed at <https://dahg.maps.arcgis.com/apps/webappviewer/index.html?id=8f7060450de3485fa1c1085536d477ba> accessed November 2023

¹⁴ NPWS Protected sites accessed at <https://www.npws.ie/protected-sites> accessed November 2023

¹⁵ NPWS The Status of EU Protected Habitats and Species in Ireland web viewer accessed at <https://storymaps.arcgis.com/collections/1a721520030d404f899d658d5b6e159a> accessed November 2023

¹⁶ The Status of EU Protected Habitats and Species in Ireland: Volume 1 Summary Overview accessed at https://www.npws.ie/sites/default/files/publications/pdf/NPWS_2019_Vol1_Summary_Article17.pdf September 2023

¹⁷ The Status of EU Protected Habitats and Species in Ireland. Volume 2: Habitat Assessments. Unpublished NPWS report https://www.npws.ie/sites/default/files/publications/pdf/NPWS_2019_Vol2_Habitats_Article17.pdf September 2023

- The Status of EU Protected Habitats and Species in Ireland. Volume 3: Species Assessments. Unpublished NPWS report 18 (2019). Edited by: Deirdre Lynn and Fionnuala O’Neill (2020).

4.3 Methodology

In line with the relevant guidance and case law, this report consists of the below steps:

1. **Impact Prediction:** Identify the aspects of the draft Plan likely to affect the COs of European sites. The more general classification of impacts can include direct and indirect effects; short and long-term effects; construction, operational and decommissioning effects; and isolated, interactive and cumulative effects. A Source-Pathway-Receptor model has been used to identify the zone of influence. This also includes transboundary considerations.
2. **Assessment of Effects:** The actions of the draft Plan are assessed as to whether they are likely to result in significant effects on the integrity of European sites. This requires understanding of relevant QIs/SCIs and associated COs.
3. **Mitigation Measures:** Mitigation measures are identified to ameliorate any adverse effects on the integrity of any European site.

4.3.1 Impact Prediction: Identifying the Zone of Influence

The ZoI is established using the source-pathway-receptor framework and takes into consideration the scale of the draft Plan. There is no recommended ZoI, and guidance from the National Parks and Wildlife Service (NPWS) recommends that the distance should be evaluated on a case-by-case basis with reference to the nature, size and location of the plan/project, the sensitivities of the ecological receptors, and the potential for in-combination effects (cumulative).

For an effect to occur there must be a risk enabled by having a source (e.g. construction works at a proposed development site), a ‘receptor’ (e.g. QI or SCI of a European site), and a pathway between the source and the receptor (e.g. a watercourse which connects a plan area to an SAC, ex situ foraging habitat for SCI birds). The principle for establishing ZoI, as outlined in the 2021 OPR Practice Note PN01⁷ applies equally to a plan level AA and so the SPR method has been used in this report.

The identification of the European sites within the ZoI has been carried out by utilising GIS datasets from NPWS including that of the European site network. The sites have been determined through the identification of the potential sources of the impacts of the draft Plan and their pathways for effect to European sites.

4.3.2 Assessment of Effects

Where a plan or project has the potential to undermine the COs, it must be considered as a likely significant effect upon that EU site. The assessment of effects stages determines whether the potential impacts identified using the SPR could result in a likely significant effect.

From establishing the ZoI using the SPR method, focusing on the relevant QIs and SCIs of European sites which may be at risk of likely significant effects arising from the draft Plan. The potential impacts of the draft Plan are assessed against the COs of the relevant QIs and SCIs to determine if a likely significant effect may occur as a result of implementation. Within this assessment, factors such as type, extent, duration, intensity, timing, probability and in-combination effects of the potential impact, as well as the vulnerability of the QIs and/or SCIs concerned⁷. Where the potential for significant effects is determined, the corresponding elements of the draft Plan are considered as adverse effects upon the integrity of European site(s). These are assessed against the COs of the relevant QIs and SCIs.

¹⁸ The Status of EU Protected Habitats and Species in Ireland. Volume 3: Species Assessments. Unpublished NPWS report accessed at https://www.npws.ie/sites/default/files/publications/pdf/NPWS_2019_Vol3_Species_Article17.pdf September 2023

5. AA Screening Assessment

5.1 Overview

The scope of the draft Plan has a scale of application across the area of Maynooth and environs. COs of relevant European sites can be accessed on www.npws.ie and have been considered as part of the screening process, but for the purposes of brevity, these have not been reproduced.

5.2 Source-Pathway-Receptor

Potential connectivity between the implementation of the draft Plan and European sites and their respective QIs/SCIs is identified via the S-P-R model which highlights the potential impact pathways such as land, air, hydrological pathways etc which may support direct or indirect connectivity. Where connectivity exists between the draft Plan and receptors, these receptors are taken forward to the assessment of likely significant effects.

5.3 Identification of Potential Sources of Impacts

In identifying the potential sources of impacts of the implementation of the draft Plan, it is important to note that this risk is an estimation based on scientific evidence and best practice. It does not constitute that an impact will occur or that it will result in ecological or environmental damage resulting in significant effects on European sites within the ZoI. The significance of the effect is dependent upon factors such as duration, magnitude and intensity of the project/plan in question and the existence of a credible SPR link. It is also determined by the extent of the exposure to the risk and the characteristics of the receptor.

By establishing a credible source and pathway, the receptors i.e. the QI habitats and QI/SCI species are only considered where links are identified to be credible. Factors including distance between receptors and sources and the means by which the pathway through air, water, ground etc., occurs.

All objectives of the draft Plan have been reviewed for potential impacts. In instances where objectives have been determined to potentially give rise to construction level activities or impacts arising from the operation of sectors (recreation, water treatment etc.), a variety of potential impacts have been identified. Future infrastructure development, related construction works and the operation of services will likely occur within the draft Plan period however as the draft Plan is designed to guide the development of the plan area through a series of projects, exact details regarding construction and operation are yet undecided.

Construction activities may result in impacts including air pollution from dust and other pollutants, water contamination due to improper handling of materials and waste, and soil erosion from ground disturbance. Noise pollution from construction sites can result in disturbance and/or displacement of species and construction can potentially result in the destruction of important habitats. The generation of significant amounts of waste, often not properly disposed of or recycled, is another concern. Operational activities of wastewater treatment plants, recreation, transport, residential and industrial sectors can also contribute to similar inputs to the environment as construction.

After examining all the objectives that could potentially result in an impact, each objective was categorised under the corresponding impacts. The list of activities discussed in this report is considered those likely to occur however detail of actual scenarios or events will only become available once specific projects are proposed. These activities assessed are those considered likely to arise from the draft Plan objectives. Additionally, the potential for hydrological and aerial connectivity, in addition to proximity, a significant aspect of this discussion, is explored in detail in Section 5.4 of the report. This section offers an extensive exploration of the concept, highlighting the interconnectedness of the elements within the study.

Following a comprehensive review of the draft Plan, with details provided in 0 (where an analysis is provided using the SPR method to determine the relationship between each impact, pathway and receptor), and its objectives and following the precautionary principle, the potential direct and indirect impacts arising from implementation of the draft Plan have been identified as follows:

- Accidental pollution event;
- Habitat fragmentation or degradation;
- Habitat loss;
- Noise, vibration, lighting and human presence-related habitat and species disturbance;
- Surface water run-off/dust carrying suspended silt or contaminants to the marine environment;
- Species mortality;
- Reduction in species density;
- Spread of invasive species; and
- Temporary species disturbance and displacement.

5.4 Identification of Potential Pathways

Establishing the potential pathways involves considering the geographical and topographical elements of the Maynooth and Environs draft Plan area, in addition to any features which may act as a pathway or a barrier between the potential sources of impact and potential receptor European sites.

5.4.1 Characteristics of draft Plan area

The southeast of the draft Plan area is largely urban, with scattered urban green spaces throughout and some arable fields to the west, north and northeast. The southern boundary of the draft Plan area is dissected by the Royal Canal, whilst the northern boundary is crossed by the River Rye and tributaries, and the Lyreen River. A reservoir is present north of Dunboyne Road within the northeastern extent of the draft Plan area.

5.4.2 Hydrological Connectivity

Several watercourses run through the draft Plan area: the Royal Canal which dissects the centre of the town, the Lyreen River, flowing west to east, which joins the River Rye, flowing west to east, and tributaries.

There is a hydrological connection between the draft Plan area and European sites within Dublin Bay, including North Dublin Bay SAC (22.30km east), South Dublin Bay SAC (23.80km east), Rockabill to Dalkey Island SAC (27.80km east), South Dublin and River Tolka Estuary SPA (23km east), and North Bull Island SPA (27km east). The draft Plan area is connected to these sites through the Royal Canal and the River Rye. These watercourses are connected to the River Aire, which flows into Dublin Bay.

As such, there exists a pathway through which the sites could be impacted (e.g. transportation of pollutants created by developments within the watercourses to be deposited within the designated sites). However, the draft Plan boundary is approximately 32km upstream of the nearest site within Dublin Bay (North Dublin Bay SAC), with several other watercourses feeding into Dublin Docks before the bay. As such, any inputs to the river within the draft Plan area are likely to be highly diluted prior to reaching the designated sites and are not anticipated to result in a likely significant effect.

The EPA Map Viewer⁸ shows the area of the draft Plan is within a listed Ground Waterbody (GWB) area under the Water Framework Directive (WFD). This area intersects with two SACs, the Rye Valley Water/Cartron SAC and Mouds Bog SAC, which host QI habitats that are groundwater dependent and overlaps entirely/partially with the ground waterbody within which the draft Plan area falls (shown in Figure 2). Both SACs include QI features that are groundwater-dependent¹⁹ i.e. Petrifying springs with tufa formation (*Cratoneurion*), active raised bogs, and degraded raised bogs still capable of natural regeneration and the Rye Valley Water/Cartron SAC supports species of narrow mouthed and Desmoulin's whorl snail (*Vertigo angustior* / *Vertigo moulinsiana*).

¹⁹ Garrett Kilroy, Fiona Dunne, Jim Ryan, Áine O'Connor, Donal Daly, Matt Craig, Catherine Coxon, Paul Johnston and Henning Moe. (2008). A Framework for the Assessment of Groundwater-Dependent Terrestrial Ecosystems under the Water Framework Directive. Available at: https://www.epa.ie/publications/research/water/ERC_12_Kilroy_GWTDE_web.pdf

The QI features of Mouds Bog SAC are not directly dependent on groundwater, but it is noted that some human based activities can lower the regional groundwater table and pose a threat to the eco-hydrological integrity of peatland habitats²⁰. A very small area of the SAC overlaps with the groundwater body within the draft Plan area. The SAC is 20.8km in distance from the draft Plan and based on this, any potential pollution events resulting from construction via groundwater are likely to be significantly diluted. As such, a viable pathway for effect via groundwater is not considered to exist between Mouds Bog SAC and the draft Plan area. Additionally, given the distance between the SAC and the draft Plan area, and considering the limited potential interactions that the draft Plan actions may have with the water table, it is considered that a viable pathway for changes to the eco-hydrological condition of the peatland QI habitats of Mouds Bog SAC does not exist. The potential pathway via hydrological connection by groundwater bodies between Mouds Bog SAC and the draft Plan area is considered negligible due to the distance between the draft Plan area and the SAC and the SAC not being directly dependent on groundwater. It is not anticipated that activities arising within the draft Plan area would affect the regional groundwater levels.

There is a potential hydrological connection between the draft Plan and Rye Valley Water/Carton SAC, where the Lyreen River intersects the draft Plan area and flows into the SAC. Given the distance between the draft Plan area, and associated dilution effects that would occur over the approximate 35km distance between the draft Plan area and Dublin bay, it is considered that LSE on the habitat features of the hydrologically connected designated sites within Dublin Bay (South Dublin Bay SAC, North Dublin Bay SAC, North Bull Island SPA, South Dublin Bay, River Tolka Estuary SPA and North West Irish Sea pSPA) would not arise given the distance between sites and the dilution and dispersion action that would occur within the river.

The potential pathway via hydrological connectivity by the River Lyreen flowing into the Rye Valley Water/Carton SAC is considered a viable pathway for effect.

5.4.3 Aerial Connectivity

Prevailing wind direction dominates from south and west, blowing in a north and easterly direction. Potential aerial emissions from the draft Plan's implementation arising through construction related activities or the operation of certain services could spread over an uncertain area outside of the plan area but the magnitude of any emissions would depend upon the scale and nature of the source. At this stage it is difficult to ascertain how far potential emissions could spread and deposit upon an SAC or SPA however, there are unlikely to be significant aerial emissions, such as those from industrial activities, arising from the plan with the main emissions likely being those at a local scale which would happen during construction related activities. Factoring prevailing wind direction, such sites could potentially include Rye Valley Water/Carton SAC, which is partially within the draft Plan boundary.

The next nearest European sites identified in the north and easterly direction are all located over 20km from the draft Plan area and are therefore considered extremely unlikely to be affected by any localised aerial emissions, given any potential aerial pollutants would be widely dispersed before reaching any of the European sites over 20km away.

In consideration of the distances above and prevailing wind direction, the potential for aerial connectivity is limited to the Rye Valley Water/Carton SAC.

As such, aerial connectivity to the Rye Valley Water/Carton SAC is considered a viable pathway for effect.

5.4.4 Functionally linked land

NBDC Biodiversity Maps²¹ webviewer was reviewed for relevant records of species which are QIs or SCIs within/in close proximity to the draft Plan area.

Relevant species records which are QIs included European otter (*Lutra lutra*), and white-clawed crayfish (*Austropotamobius pallipes*). The National Parks and Wildlife Service website²² was used to search for European sites with these QIs.

²⁰ Mackin, F., Barr, A., Rath, P., Eakin, M., Ryan, J., Jeffrey, R. & Fernandez Valverde, F. (2017) Best practice in raised bog restoration in Ireland. Irish Wildlife Manuals, No. 99. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland.

²¹ Biodiversity Maps Ireland. (2024). <https://maps.biodiversityireland.ie/> [Accessed May 2024].

²² National Parks & Wildlife Service. (2024). <https://www.npws.ie/protected-sites/search> [Accessed May 2024].

Distance from these sites, and potential for connectivity between those European sites and the draft Plan area, in relation to the ecology of these species was then reviewed. No European sites with any of the above QIs were considered to be functionally connected to the draft Plan area, due to distance from the sites being greater than the dispersal distance of the interest features. The nearest SACs for which otter is a QI is Wicklow Mountains SAC (20km south east) and white-clawed crayfish is the River Barrow and River Nore SAC (40km south west). Given these distances, in addition to numerous infrastructure barriers such as motorways, railways and settlements, a viable pathway for effect to these sites does not exist.

The QIs of the European sites that could potentially have connectivity to the draft Plan area are largely habitats, with some relatively immobile species (such as narrow mouthed and Desmoulin's whorl snail) which have a limited range of movement (1km). The narrow mouthed and Desmoulin's whorl snails have a limited range of movement given their immobile nature and are generally localised within their habitats. The known recorded locations of both species within the Rye Water Valley/Carton SAC is located to the east of the SAC at Louisa Bridge, approximately 4km from the boundary of the draft Plan area. As their range is limited to 1km, it is unlikely that the species would be found within the draft Plan area that overlaps with the SAC.

Species records from the NBDC datasets were reviewed for any Annex I bird species which may be a SCI of an SPA site. SPA sites in proximity to the draft Plan were further identified to establish a relationship between the presence of any species records and the European site. This would establish if there is functionally linked land present within the draft Plan area which is connected to an SPA site. The records returned one record of a mallard (*Anas platyrhynchos*) within the draft Plan area. The nearest SPA which features mallard as an SCI is Dundalk Bay SPA, approximately 57km north east. Given the distance between the draft Plan area and the SPA, it is not considered that the draft Plan area serves as functionally linked land to the SCIs of Dundalk Bay SPA.

As a result, it is considered that land within or in proximity to the draft Plan site is not functionally linked used by QIs or SCIs of any European designated site, and therefore this potential pathway is not considered further.

5.5 Identification of Potential Receptors

The potential impacts of the draft Plan are broad, given the lack of specific detail for any infrastructure development, construction, operation and decommissioning and potential for a number of non-construction related activities arising from the implementation of the plan e.g. increased local population leading to more wastewater, more recreational activities and more land occupied by built structures. Therefore inferences have been made as to the potential impacts which might arise, potential pathways refined in Section 5.4, thus isolating the potential receptors that may be impacted.

The European sites within the ZoI are determined to be Rye Valley Water/Carton SAC and Mouds Bog SAC. Based on the potential pathways identified within Section 5.4, the following potential receptors have been identified:

Petrifying springs with tufa formation (Cratoneurion) [7220] (Rye Valley Water/Carton SAC)

Identified as a potential receptor due to being located partially within the draft Plan area, and sensitivity to groundwater pollution.

***Vertigo angustior* (Narrow-mouthed Whorl Snail) [1014] (Rye Valley Water/Carton SAC)**

Identified as a potential receptor due to sensitivity to changes in habitat. The COs of the SAC notes the threat of changes to the tuffaceous springs and increased flooding.

***Vertigo moulinsiana* (Desmoulin's Whorl Snail) [1016] (Rye Valley Water/Carton SAC)**

Identified as a potential receptor due sensitivity to changes in habitat. The COs of the SAC notes sensitivity to soil wetness and area of suitable high quality habitat within the SAC.

5.6 Consideration of Likely Significant Effects - Screening Assessment

A screening assessment using the SPR method has been carried out, assessing the potential for likely significant effects based upon the draft objectives, establishing a viable pathway for effect and the identified receptors of European sites. This assessment is provided in 0.

The objectives of the draft Plan considered to have the potential for likely significant effects are provided below in Table 1. In the absence of mitigation, these objectives may give rise to adverse effects on the integrity of European sites and as such are required to undergo full AA (Section 6).

Table 1 Objectives of the draft Plan anticipated to give rise to adverse effects on the integrity of a European site in the absence of mitigation

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
HCO 2.4	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Water Valley/Carton SAC	This objective suggests construction of housing, and as such there is potential for construction-related effects. In the absence of mitigation the potential for significant effects exists. Brought forward to AA.
HCO 3.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Water Valley/Carton SAC	This objective infers new development of schools within proximity to the Rye Valley Water/Carton SAC, and as such there is potential for construction-related effects. In the absence of mitigation the potential for significant effects exists. Brought forward to AA.
HCO 6.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement.	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective may result in construction works in relation to the delivery of public parks. The scale of works are likely to be relatively minor, however pending design information, all effects as a result of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
HCO 6.4	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Cartron SAC	This objective is likely to result in construction/landscaping works. Whilst likely to be relatively minor in scale, in the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Cartron SAC exists. Brought forward to AA.
HCO 6.5	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Cartron SAC	This objective is likely to result in construction/landscaping works. Whilst likely to be relatively minor in scale, in the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Cartron SAC exists. Brought forward to AA.
HCO 6.6	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Cartron SAC	This objective is likely to result in construction works to facilitate sports facilities. In the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Cartron SAC exists. Brought forward to AA.
HCO 6.7	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality;	Hydrological; Aerial	Rye Valley Water/Cartron SAC	This objective is likely to result in construction works to facilitate community facilities. In the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Cartron SAC exists. Brought forward to AA.

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
	Spread of invasive species; and Temporary species disturbance and displacement			
HCO 6.8	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction works to provide sporting facilities. In the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 10.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective pertains to development likely to result in construction. In the absence of works and design information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 11.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological pathway via the Grand Canal.	Rye Valley Water/Carton SAC	Provision of new campus is likely to result in construction works, and associated impacts. As such, potential impacts will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
EDO 1.3	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance;	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective suggests requirements for works including planting in proximity to watercourses and associate landscaping works. Potential impacts may arise from such works which will be considered further. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
	Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			
EDO 1.8	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective infers construction in relation to phased development and expansion of Maynooth University campus. In the absence of specific design and works plans, all potential effects of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
EDO 1.10	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective infers construction in relation to MakerCentral. In the absence of specific design and works plans, all potential effects of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
EDO 2.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective infers construction in relation to the draft Plan area. In the absence of specific design and works plans, all potential effects of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
EDO 2.12	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective has the potential to give rise to new development which could include construction activities. Given the lack of exact detail regarding location, there is potential for construction related effects upon the Rye Valley Water/Carlton SAC. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
MATO 2.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective infers construction in implementation of active travel infrastructure, as such, construction impacts will be considered. Operational impacts as a result of new infrastructure will also be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
MATO 2.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective infers new development which may generate minor construction works – potential impacts possible. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
MATO 3.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment;	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective infers potential construction in relation to public transport infrastructure, such as bus stops. As such, impacts relating to construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
	Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			
MATO 4.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	The objective is likely to result in road related construction. Given the scale of works is not specified, all potential impacts as a result of construction must be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
MATO 4.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	The objective is likely to result in road related construction. Given the scale of works is not specified, all potential impacts as a result of construction must be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
MATO 5.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction, of a mobility hub and other car parking infrastructure. As such, impacts relating to construction must be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
GBIO 2.5	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance;	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction and landscaping works, as well as potential for increased recreational use of areas adjacent to watercourses. As such, construction and operational effects will be considered.

Objective	Source	Pathway	Receptor	Screening Assessment Outcome
	Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
IO 3.3	Pollution of watercourses should machinery be required to maintain the overland flow routes.	Hydrological	Rye Valley Water/Carton SAC	This objective pertains to maintaining existing hydrological regimes, which may have the potential to interact with the Rye Valley Carton SAC and result in likely significant effects. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
IO 5.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction and potential operational impacts relating to new recycling facilities. As such, potential effects of construction and operation will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

5.7 European Sites Under Consideration

In establishing the ZoI of the draft Plan, consideration has been given to those European sites with direct and indirect connectivity to the boundary of the draft Plan noting the topography of the draft Plan area and any geographical and anthropogenic barriers have been identified and considered in the assessment.

Establishing the pathways for effect has led to the identification of the following sites and their respective QIs and SCIs within the ZoI of the draft Plan. Sites denoted in **bold** have been determined to have the potential for LSE and thus are examined further in Section 6.

Table 2. European sites within the Zone of Influence of the draft Plan.

Site code	Site name	Distance from draft Plan boundary	Code	Qualifying Interests/Special Conservation Interests	Considered further in Screening Assessment
001398	Rye Water Valley / Carton SAC	Overlaps with northeast of the draft Plan	7220	Petrifying springs with tufa formation (<i>Cratoneurion</i>)	Yes. Direct and indirect pathways through hydrological and aerial connectivity. The site overlaps with the draft Plan area. Potential for likely significant effects exists, therefore AA is required.
			1014	<i>Vertigo angustior</i> (Narrow-mouthed Whorl Snail)	
			1061	<i>Vertigo moulinsiana</i> (Desmoulin's Whorl Snail)	
000391	Ballynafagh Bog SAC	13.9km southwest of the draft Plan	7110	Active raised bogs	No. No viable direct pathway to the SAC and no indirect pathways for effect. Ground waterbodies within the draft Plan area do not intersect with the SAC. Aerial deposition not considered a viable pathway due to distance. In view of the lack of viable pathway, nature and scale of the draft Plan, the potential for LSE on Ballynafagh Bog SAC and its QIs can be excluded and no reasonable doubt remains as to the absence of such effects.
			7120	Degraded raised bogs still capable of natural regeneration	
			7150	Depressions on peat substrates of the <i>Rhynchosporion</i>	
0001387	Ballynafagh Lake SAC	13.4km southwest of the draft Plan	7230	Alkaline fens	No. No viable direct pathway to the SPA and no indirect pathways for effect. Ground waterbodies within the draft Plan area do not intersect with the SPA. The draft Plan area is outside of the area of dispersal Desmoulin's Whorl Snail, and marsh fritillary not recorded within the draft Plan area by Biodiversity Maps. Aerial deposition not considered a viable pathway due to distance.
			1016	<i>Vertigo moulinsiana</i> (Desmoulin's Whorl Snail)	
			1065	<i>Euphydryas aurinia</i> (Marsh Fritillary)	

Site code	Site name	Distance from draft Plan boundary	Code	Qualifying Interests/Special Conservation Interests	Considered further in Screening Assessment
					In view of the lack of viable pathway, nature and scale of the draft Plan, the potential for LSE on Ballynafagh Lake SAC and its QIs can be excluded and no reasonable doubt remains as to the absence of such effects.
002331	Mouds Bog SAC	21km southwest of the draft Plan	7110	Active raised bogs	No.
			7120	Degraded raised bogs still capable of natural regeneration	No viable direct pathways to the SAC and no indirect pathways for effect, The QIs are not directly groundwater dependent. Additionally, only a very small area of the site overlaps with the draft Plan area ground waterbody, and it is located at such a distance any pollution would be expected to be significantly diluted.
			7150	Depressions on peat substrates of the <i>Rhynchosporion</i>	Aerial deposition not considered a viable pathway due to distance. In view of the lack of viable pathway, nature and scale of the draft Plan, the potential for LSE on Mouds Bog SAC and its QIs can be excluded and no reasonable doubt remains as to the absence of such effects.
000206	North Dublin Bay SAC	22.30km east of the draft Plan (hydrological connection)	1140	Mudflats and sandflats not covered by seawater at low tide	No. No viable direct pathways to the SAC and no indirect pathways for effect, Whilst there is a hydrological connection between the SAC and draft Plan area, given the distance of watercourse, inputs of several other watercourses prior to the designated site, and presence of water treatment works, there is not considered
			1210	Annual vegetation of drift lines	
			1310	Salicornia and other annuals colonising mud and sand	
			1330	Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)	
			1410	Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	
			2110	Embryonic shifting dunes	
			2120	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes)	
			2130	Fixed coastal dunes with herbaceous vegetation (grey dunes)	

Site code	Site name	Distance from draft Plan boundary	Code	Qualifying Interests/Special Conservation Interests	Considered further in Screening Assessment
			2190	Humid dune slacks	to be a hydrological pathway for significant effects. In view of the lack of viable pathway, nature and scale of the draft Plan, the potential for LSE on North Dublin Bay SAC and its QIs can be excluded and no reasonable doubt remains as to the absence of such effects.
			1395	<i>Petalophyllum ralfsii</i> (Petalwort)	
000210	South Dublin Bay SAC	23.80km east of the draft Plan (hydrological connection)	1140	Mudflats and sandflats not covered by seawater at low tide	No. No viable direct pathways to the SAC and no indirect pathways for effect, Whilst there is a hydrological connection between the SAC and draft Plan area, given the distance of watercourse, inputs of several other watercourses prior to the designated site, and presence of water treatment works, there is not considered to be a hydrological pathway for significant effects. In view of the lack of viable pathway, nature and scale of the draft Plan, the potential for LSE on South Dublin Bay SAC and its QIs can be excluded and no reasonable doubt remains as to the absence of such effects.
			1210	Annual vegetation of drift lines	
			1310	Salicornia and other annuals colonising mud and sand	
			2110	Embryonic shifting dunes	
003000	Rockabill to Dalkey Island SAC	27.80km east of the draft Plan (hydrological connection)	1170	Reefs	No. No viable direct pathways to the SAC and no indirect pathways for effect, Whilst there is a hydrological connection between the SAC and draft Plan area, given the distance of watercourse, inputs of several other watercourses prior to the
			1351	<i>Phocoena phocoena</i> (Harbour Porpoise)	
			7120	Degraded raised bogs still capable of natural regeneration	
			7150	Depressions on peat substrates of the Rhynchosporion	

Site code	Site name	Distance from draft Plan boundary	Code	Qualifying Interests/Special Conservation Interests	Considered further in Screening Assessment
					<p>designated site, and presence of water treatment works, there is not considered to be a hydrological pathway for significant effects.</p> <p>Harbour porpoise is considered unlikely to use the river that intersect the site given the lack of records within the area, and therefore no functional pathway for significant effects is considered to exist.</p> <p>In view of the lack of viable pathway, nature and scale of the draft Plan, the potential for LSE on Rockabill to Dalkey Island SAC and its QIs can be excluded and no reasonable doubt remains as to the absence of such effects.</p>

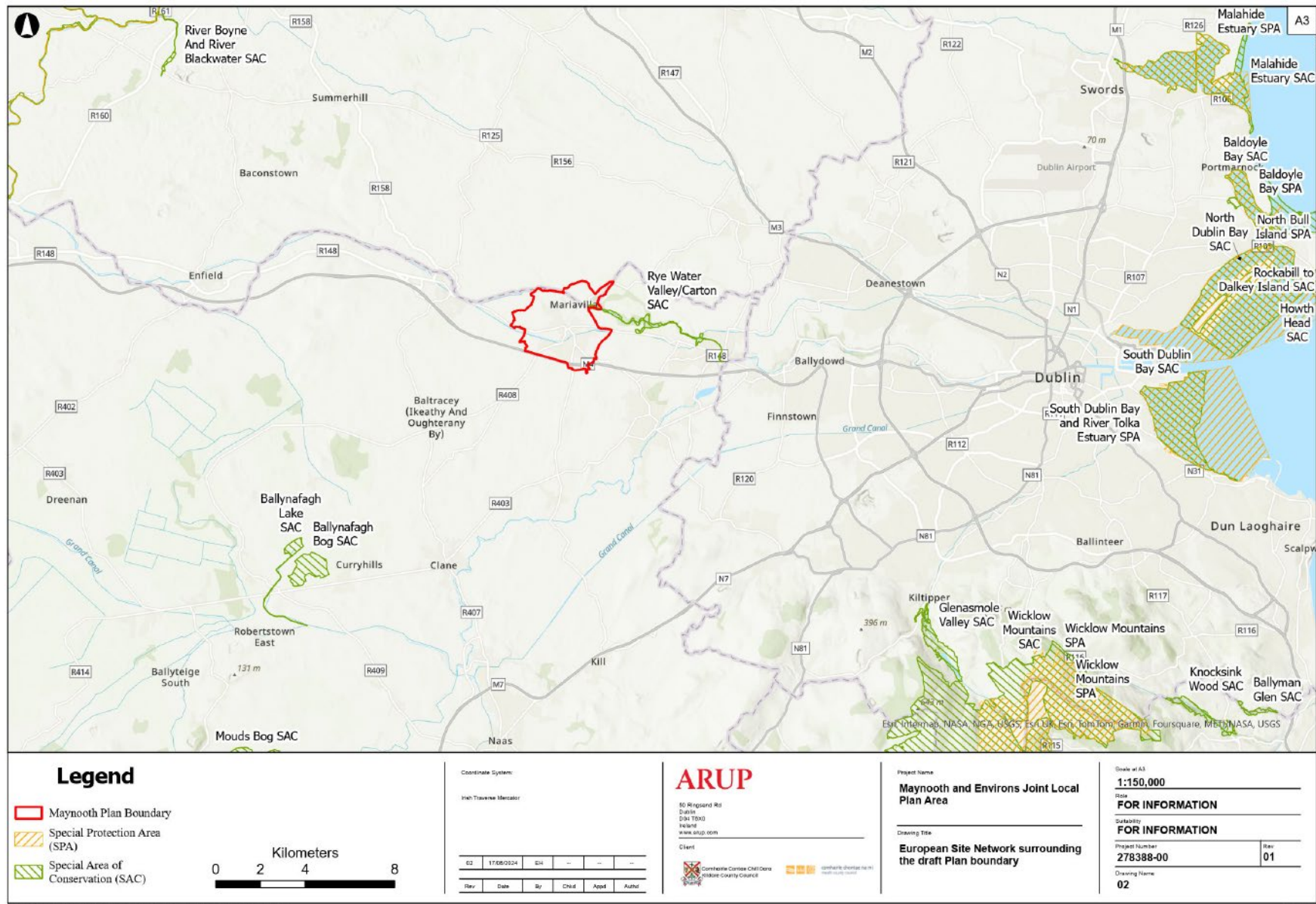


Figure 2 EU Site Network in proximity to the draft Plan area

5.8 Assessment of In-Combination Effects with other Plans and Projects

The following approach has been adopted;

- Identify plans/projects that might act in combination;
- Identify types of impacts that might occur;
- Define the boundaries of the assessment;
- Identify pathways for impacts; and
- Impact prediction and assessment.

5.8.1 Identification of plans and projects that have the potential to interact with the draft Plan

This section of the report identifies those plans and projects from the past five years which exhibit the potential to interact with the draft Plan. A list of the relevant plans and projects, relevant to the draft Plan have been identified below in Table 2.

Table 3 In-Combination Assessment of the draft Plan with other projects and plans

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
Plans				
Meath County Development Plan 2021-2027 (as varied)	The Meath County Development Plan 2021-2027 sets out the policies and objectives, and overall strategy, for the development of Meath County over the six year period. The plan promotes sustainable development and facilitates stable economic growth.	Overlaps with the north of the draft Plan area	Adopted	The County Development Plan was subject to AA Screening and NIS. A suite of mitigation measures were provided within the NIS to conclude no adverse effects on the integrity of any European site. No potential in-combination effects anticipated.
Offaly County Development Plan 2021-2027	The Offaly Development Plan was adopted in September 2021 and came into effect on the 22 nd October 2021. The document is a land use plan and overall strategy for planning and sustainable development of the functional area of County Offaly over the six year period.	c.27km west	Adopted	The County Development Plan was subject to AA Screening and NIS. A suite of mitigation measures were provided within the NIS to conclude no adverse effects on the integrity of any European site. No potential in-combination effects anticipated.
Carlow County Development Plan 2022-2028	The Carlow County Development Plan came into effect on the 4 th July 2022. The document contains management standards, policies, and objectives, and makes reference to statutory guidelines which will inform decision making. The plan focusses on the principle of sustainability, with particular attention to regeneration and economic development.	c.20km south	Adopted	The County Development Plan was subject to AA Screening and NIS. A suite of mitigation measures were provided within the NIS to conclude no adverse effects on the integrity of any European site. No potential in-combination effects anticipated.
Wicklow County Development Plan 2021-2027	The Wicklow County Development Plan came into effect on 23 rd October 2022 and was varied on 6 th November 2023. The Plan sets out policies and objectives to guide the future development of the County, providing for physical, economic, and social development of the County.	c.18km south	Adopted	The County Development Plan was subject to AA Screening and NIS. A suite of mitigation measures were provided within the NIS to conclude no adverse effects on the integrity of any European site. No potential in-combination effects anticipated.
Kildare County Development Plan 2023-2029	The Kildare County Development Plan took effect on the 28 th January 2023. The plan seeks to address the physical, economic, social, and environmental needs of the community. The Plan aims to improve the quality of life of all residents, through measures including creation of job opportunities, provision of residential development, provision of transport network, healthy placemaking, and supporting the transition to a low carbon climate resilient environment.	Overlaps with the draft Plan area	Adopted	The County Development Plan was subject to AA Screening and NIS. A suite of mitigation measures were provided within the NIS to conclude no adverse effects on the integrity of any European site. No potential in-combination effects anticipated.
County Kildare Heritage Plan 2019-2025	The County Kildare Heritage Plan aims to recognise the value and opportunity of Kildare's heritage resource, and to manage, conserve and protect it. The plan builds on the implementation of the first County Kildare Heritage Plan.	Overlaps with the draft Plan area	Adopted	The County Development Plan was subject to AA Screening and NIS. A suite of mitigation measures were provided within the NIS to conclude no adverse effects on the integrity of any European site. No potential in-combination effects anticipated.

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
Projects				
21310865	STRATEGIC HOUSING DEVELOPMENT (ABP Decision): 194 residential units (119 houses and 75 apartments), creche of c.305 sq. m.	Overlaps with the draft Plan area	Conditional (01/10/2021)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated.
20307100	STRATEGIC HOUSING DEVELOPMENT (ABP Decision): 467 Residential Units. 199 No. Houses, 216 No. Apartments, 52 No. Duplexes, Childcare Facility, gym, café and retail unit and associated site works.	c.2km east	Conditional (08/08/2020)	AA screening concluded no likely significant impacts on European sites No in-combination effect anticipated
201296	a two storey 8 classroom Primary School Building (Roll Number 20527F), including a two classroom SEN Base, a general purpose hall and ancillary accommodation. The proposed scheme incorporates associated car parking, access road, pedestrian and bicycle access, construction of an external ball court and play areas, landscaping connection to public services, and all associated siteworks. Revised by Significant Further Information which consists of a Natura Impact Statement included with the application	c.1.9km northwest	Conditional (16/07/2021)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated
19304862	STRATEGIC INFRASTRUCTURE DEVELOPMENT (ABP Decision) 220 kV Gas Insulated Switchgear substation, 2 no. 220 kV underground circuits forming a loop-in/loop-out to the existing Maynooth-Woodland 220 kV Overhead Line and 6 no. 220 kV underground circuits and associated low voltage and communication underground cabling connecting the proposed substation with electricity transformers within the Intel Ireland Facility, and all associated and ancillary site development works.	Nearest site c.3km east	Conditional (21/11/2019)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated
21370	a mixed residential and commercial development with a total gross floorspace of c. 20,023 sqm and a single level basement car park of c.8,153 sqm. The mixed use development comprises c.4,497 sq.m office floorspace including refurbishment and adaptive re-use of the former Rectory building (a Protected Structure, c.688 sq.m including ancillary outhouse structures) and a 2-storey glazed atrium connection to a 3-storey over basement office building; and the provision of 183 no.apartments and ancillary/commercial development (total c.891 sq. m including concierge, gym, café, creche, tenant amenity and commercial floorspace) in 4 no. blocks ranging in height from 3 to 9 storeys over single level basement shared with the proposed office structure,	Overlaps with the draft Plan area	Conditional (16/03/2022)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	<p>as follows:183 no. apartments (10 no. studio, 69 no. 1-bedroom, 98 no. -2-bedroom, 6 no. 3- bedroom) in 4 no. separate apartment buildings over shared basement level, as follows: Block A (3 - 4 Storeys) of 27 no. apartments and creche of c. 157 sqm at ground floor level with outdoor play area; Block B (5 - 7 storeys) of 61 no. apartments; Block C (6 storeys) of 29 no. apartments; and Block D (6 - 9 storeys) of 66 no. apartments with ground level concierge (c.137 sq. m), gym. (c.126 sq. m), café/restaurant (c.217 sq. m), tenant amenity (c, 117 sq. m) and commercial unit (c. 137 sq. m);•4,497 sq.m approx. office floorspace including: refurbishment and adaptive re-use of the protected former Maynooth Rectory (RPS Ref: B05-56), comprising a change of use from residential to office use and associated internal and external alterations and amendments to the protected structure as required (c. 688 sq.:m); the provision of a 2-storey glazed link atrium and bridge to the rear (187 sq.m) connecting the refurbished protected structure to a proposed 3 - storey over basement office building (3,417 sq.m). A Natura Impact Statement will be submitted with the planning application. Revised by Significant Further Information</p>			
21155	<p>development on this 2.18 ha site, approximately, at lands adjoining an existing residential development (Rockfield Park), Railpark, Celbridge Road, Maynooth, Co. Kildare. (This forms Phase 1 of a residential masterplan for some 105 no. units in total on a wider c. 3.26 ha landholding under the Applicant's control). The proposed Phase 1 development will consist of: Construction of a residential development comprising 58 no. dwellings in total, consisting of 18 no. two-bedroom two storey houses, 14 no. three-bedroom three storey houses and 2 no. four-bedroom three storey houses (34 no. houses in total) including rear private open spaces; 12 no. one-bedroom apartments and 12 no. two-bedroom apartments (24 no. three storey duplex apartments in total), including balconies. The development will also include: new vehicular, cyclist and pedestrian access from Celbridge Road; a new pedestrian footpath and cycle track along the main site frontage to Celbridge Road; the provision of future access connection points to adjacent lands to the northeast (Phase 2), northwest and the southeast; works to facilitate connections to existing services infrastructure to the northeast via Phase 2 lands.</p>	Overlaps with the draft Plan area	Conditional (14/01/2022)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	The development will also comprise internal roads, footpaths, cycle tracks, public open spaces, and bicycle store areas; parking at surface level (117 no. total spaces for car parking and 30 no. bicycles spaces); drainage attenuation; all hard and soft landscaping; boundary treatments; removal of the existing hedgerows adjacent to Celbridge Road, changes in levels; and all ancillary site development works and site services provision (including wayleave to the north-east) above and below ground			
21156	development on this 1.99 ha site, approximately, at lands adjoining an existing residential development (Rockfield Court), Railpark, Celbridge Road, Maynooth, Co. Kildare. (This forms Phase 2 of a residential masterplan for some 105 No. units in total on a wider c. 3.26 ha landholding under the Applicant's control). The proposed Phase II development will consist of: Construction of a residential development comprising 47 No. dwellings in total, consisting of 11 No. two-bedroom two storey houses and 10 No. three-bedroom three storey houses (21 No. houses in total) including rear private open spaces; 13 No. one bedroom apartments and 13 No. two-bedroom apartments (26 No. three storey duplex apartments in total), including balconies and a single storey crèche facility (c.261 sqm). The development will also include: new vehicular, cyclist and pedestrian access from Celbridge Road via currently undeveloped lands to the southwest (Phase 1); a new pedestrian footpath and bicycle track along the site frontage to Celbridge Road; the provision of future access connection points to adjacent lands to the southwest (Phase 1), north and the southeast; works to facilitate connections to existing services infrastructure in Rockfield Park to the west. The development will also comprise internal roads, footpaths, cycle tracks, public open spaces, children's play area and bicycle store areas; parking at surface level (95 No. total spaces for car parking and 33 No. bicycles spaces); drainage attenuation; all hard and soft landscaping; boundary treatments; removal of the existing hedgerows adjacent to Celbridge Road; changes in levels; and all ancillary site development works and site services provision (including wayleave to the north-east) above and below ground	Overlaps with the draft Plan area	Conditional (14/01/2022)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated
21360	a new wastewater pumping station with an underground emergency storage tank; inlet chamber, wet well chamber, valve and flow chambers; above ground welfare building, control kiosk, fixed lifting gantry, 1 No. odour control unit, security gate and fencing. All associated ancillary and enabling works including hardstanding, landscaping and site drainage.	Overlaps with the draft Plan area	Conditional (16/08/2021)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	All the above is proposed on a site of approximately 0.1 hectares at lands to the north of Celbridge Road within the townland of Railpark			
19622	A new Maynooth University Students Centre across two building blocks with a shared external space contained under a new canopy. The development consists of two, two-storey buildings with screened mechanical plant at roof level, providing circa 3700m2 new floor space. External works will include a new access road and culvert, canopy structure, localized hard and soft landscaping, bicycle storage, the installation of a water attenuation tank, upgrade works to existing switch rooms and the demolition of a single storey blockwork storage unit at lands to the west of the existing Phoenix Building on the North Campus	Overlaps with the draft Plan area	Conditional (02/10/2019)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated
22237	or development at this site within the townland of Maynooth adjacent to the "Limewalk" (also known as Carton Avenue), Maynooth, Co. Kildare. The development will consist of the provision of a shared pedestrian/cycle path between the permitted residential development under ABP-310865-21 and the Limewalk to include stone bridge and all associated layout and site development and landscape works. Revised by Significant Further Information which consists of the reduction in width of pedestrian/cycle path to 2m along with revised bridge design, lighting and associated changes to planting	Overlaps with the draft Plan area	Conditional (25/07/2022)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated
221148	For the development of a portion of the Maynooth Outer Orbital Road (MOOR) in the townlands of Carton Demesne, Mariavilla and Maynooth, Co. Kildare. The development will consist of: (i) Provision of a new bridge structure along the R157 comprising the following: (i) A pedestrian and cycle bridge structure to be erected adjacent to the upstream/western side of the existing Kildare Bridge, with a 2m clearance, with the infrastructure tying into new infrastructure in Co. Meath. (ii) This bridge will be a standalone, independent structure that will also support new water main assets. 2. New wastewater rising mains to be installed underground adjacent to the bridge structure and routed along the R157 and Dunboyne Road which abuts Pebble Mill House which is a Protected Structure (RPS Ref. B05-77). 3. New walkways and cycle track will tie-in with new infrastructure to be constructed by Cairn Homes and their Agents. 4. Provision of site landscaping, public lighting, site services and all associated site development works. 5.	Overlaps with the draft Plan area	n/a (incomplete application)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	A Natura Impact Statement (NIS) and Environmental Impact Assessment Report (EIAR) has been included with this application.			
221214	for the development of a portion of the Maynooth Outer Orbital Road (MOOR) in the townlands of Carton Demesne, Mariavilla and Maynooth, Co. Kildare. The development will consist of: (i) Provision of a new bridge structure along the R157 comprising the following: (i) A pedestrian and cycle bridge structure to be erected adjacent to the upstream/western side of the existing Kildare Bridge, with a 2m clearance, with the infrastructure tying into new infrastructure in Co. Meath. (ii) This bridge will be a standalone, independent structure that will also support new water main assets. 2. New wastewater rising mains to be installed underground adjacent to the bridge structure and routed along the R157 and Dunboyne Road which abuts Pebble Mill House which is a Protected Structure (RPS Ref. B05-77). 3. New walkways and cycle track will tie-in with new infrastructure to be constructed by Cairn Homes and their Agents. 4. Provision of site landscaping, public lighting, site services and all associated site development works. 5. A Natura Impact Statement (NIS) and Environmental Impact Assessment Report (EIAR) has been included with this application. Revised by Significant Further Information which consists of - Revised Engineering Details. - Fully annotated and dimensioned architectural drawings of the proposed bridge. - Revision to the Construction and Demolition Waste Management Plan. - Revision to the Construction and Environmental Management Plan. - A revised Site Specific Flood Risk Assessment. - Revisions to the Environmental Impact Assessment Report. - Revisions to the Natura Impact Statement. - A dedicated Invasive Species Management Plan. - Revisions to the Landscape and Visual Impact Assessment including new photomontages. - Revised Landscape Masterplan	Within the draft Plan area	Conditional (21/06/2023)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated
22314337	STRATEGIC HOUSING DEVELOPMENT for 158 no. apartments (and ancillary facilities), student accommodation in 33 no. apartments (260 bedspaces), creche (700 sq.m.) 2 no. retail units (329 Sq.m.) open space and site development and landscape works.	Within the draft Plan area	n/a (incomplete application)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated
22686	development of this c0.708ha site at Maynooth Business Campus Development (Prev approved Reg Ref 99/2073), bounded by the M4 motorway to the north, Ballygoran Road to the south, existing Blocks A, B and C Maynooth Business Campus to the west and existing Block F to the east, existing access off the R406 Straffan Road, Maynooth, Co Kildare.	Overlaps with draft Plan area	Conditional (22/09/2022)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	<p>The proposed development will consist a 4-storey office development with a setback top floor over basement car park providing for a GIFA of 12,656m² excluding basement. The building is subdivisible into 4 office units, Units D1, D2, E1 and E2. The development is to be constructed in 2 phases, Phase 1 includes Block D1 and D2, Phase 2 includes Block E1 and E2. There are an additional 175 car parking spaces proposed (in addition to the previous allocation of 200 spaces for Block D and E under Reg Ref 99/2073), 127 of which are at basement level and 48 are at surface level. There are 253 bicycle spaces proposed in addition to an ESB substation and switch rooms, 2 no plant rooms at roof level, minor revisions to previously approved site and all associated site works above and below ground. (Planning permission was granted for a previously approved office development on this site under ABP-304658-19 – KCC 18/1382)</p>			
22784	<p>development at this site in the townlands of Mariavilla, Carton Demesne, Oldcarton, Catherinestown, Kellystown, Ravensdale, Sion and Confey. The development will traverse the administrative areas of both Kildare County Council and Meath County Council. The development within the Kildare County Council administrative area will consist of: (a) Permanent Mechanical, Electrical, Instrumentation, Control and Automation (MEICA) upgrade works, upgrade of the existing chemical dosing system and ancillary works at the Maynooth Wastewater Pumping Station (WWPS) site in the townland of Mariavilla; and, (b) Provision of approximately 7.9km new pipeline (approximately 9.8km total development length within Kildare and Meath) and associated infrastructure (air valves, scour valves, flow meter, ventilation columns etc.) between the Maynooth WWPS and existing Irish Water infrastructure along the R149 in the townland of Confey.</p> <p>A Natura Impact Statement accompanies the subject application</p>	Within the draft Plan area	Conditional (13/01/2023)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated
22953	<p>development at this site Buckley House, Parson Street, and lands to the rear of Buckley House, (total site area 0.303 ha) with frontage onto Leinster Street, Maynooth. The application is generally as per the expired previously granted application 16/328 with minor amendments to building height and internal layout. The development will consist of:</p> <p>(i) The demolition of the remains of 5 No. derelict outbuildings and sheds.</p>	Within the draft Plan area	Condition (21/04/2023)	AA Screening concluded no likely significant effects on European sites No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	<p>(ii) The construction of a mixed-use development (total floor area 3906.5sqm) comprising a student accommodation facility (including use as tourist or visitor accommodation outside the academic term) and 2 No. restaurant/café units. The development will include 140 bicycle spaces, enclosed refuse stores and plantroom in a 3 storey courtyard building with glazed setback at 3rd floor penthouse level, a glazed single storey link extension to Buckley House and associated landscaping, ancillary site development works including flood relief works.</p> <p>(iii) Restaurant/café units comprise 1 No. café unit (total area 160sqm) with outdoor dining terrace fronting onto Leinster Street and 1 No. restaurant unit (total area 328sqm) to include the restoration and change of use from residential to restaurant use of Buckley House (168sqm), a new single storey glazed link extension (160sqm), outdoor dining terrace and landscaped public open space (407sqm) with access from Parson Street. Buckley House and its curtilage is a Protected Structure and restoration works will include new floors, doors, windows and roof where necessary and associated landscaping and site works.</p> <p>(iv) Student accommodation facility (including use as tourist or visitor accommodation outside the academic term) comprising 116 No. bedroom units over ground, first, second and third floors to include 109 No. single study bedrooms with ensuite and 7 No. wheelchair accessible single study bedrooms with ensuite (12.7 - 21sqm), associated communal kitchen and common rooms with private access at ground floor level to single storey atrium (137.5sqm) and external courtyard (290sqm), accessed from main entrance on Leinster Street and side entrance from lane to rear of Buckley House, Parson Street,</p>			
23494	<p>Permission for a Large-scale Residential Development on lands adjoining and to the rear of St Mary's Church at Mill Street, Maynooth, Co Kildare.</p> <p>The development will consist of the provision of 115no. apartments in 4no. separate blocks incorporating provision of a creche and restaurant/cafe, 1no. office unit and provision of a basement to provide for car parking, bicycle storage and ancillary bin storage areas. Particulars of the development provide as follows:</p>	Within the draft Plan area	Conditional (04/07/2023)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	<ul style="list-style-type: none"> a. Replacement of 2no. existing vehicular entrances onto Mill Street with 1no. single access point onto Mill Street to incorporate the proposed vehicular entrance works along with associated pedestrian and cyclist connections onto Mill Street and associated works to provide for a bus stop and realignment of existing footpath in accordance with planned Part VIII works for this section of Mill Street. b. Site excavation works to facilitate the proposed development to include levelling, excavation and general site preparation works. c. Block A: A four-storey building comprising a creche and restaurant/cafe at ground floor level and upper floors incorporating 1no. office unit, provision of 7no. 1bed apartments and 10no. 2bed apartments with associated civic space fronting onto Mill Street and external play area to the rear to serve the creche. A basement will be provided under Block A for parking and bin storage. d. Block B1: An apartment block ranging from three to five storeys comprising a total of 32no. residential apartments to consist of 6no. 1bed apartments, 19no. 2 bed apartments and 7no. 3 bed apartments. A basement will be provided under Block B1 which will incorporate an access ramp, parking and bin storage. e. Block B2: A six storey apartment block comprising a total of 48no. residential apartments to consist of 13no. 1bed apartments and 35no. 2 bed apartments. f. Block C: An apartment block ranging from four to five storeys comprising a total of 18no. residential apartments to consist of 1no. 1bed apartments, 13no. 2 bed apartments and 4no. 3bed apartments along with a ground level storage room for bicycles and bins. Block C will be raised on stilts with a flood storage area provided at ground level beneath this Block. g. Provision of a basement car parking area to comprise a total of 74no. car parking spaces (incorporating infrastructure for electric vehicle charge points), along with bicycle storage and bin storage areas. h. Provision of bicycle and bin storage facilities at surface level. i. Provision of internal access roads and footpaths/cycle paths. 			

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
	<p>j. Provision of residential communal open space areas (including formal play areas) to include internal walkway along the Lyreen River and pedestrian bridges within the site and including all associated landscape works with public lighting, planting, and boundary treatments.</p> <p>k. Provision of an ESB substation adjacent to Block B1.</p> <p>l. Associated site works and attenuation systems to include a hydrocarbon and silt inceptor to facilitate site drainage as well as all ancillary site development/construction works with provision of a foul pump station and internal foul, storm and water networks for connection to the existing foul, storm and public water networks. A Natura Impact Statement (NIS) has been prepared and accompanies this application.</p>			
2360474	<p>with the consent and approval of the Electricity Supply Board (ESB), for the construction of a new 220 kV Gas Insulated Switchgear (GIS) building (83.5m long x 18.5m wide (25.1m including staircases) 17m in height) (1,637 sqm); construction of a new 110kV GIS building (68.8m x 15.4m, (22m including staircases) 15m in height) (1,138 sqm); both of the GIS Buildings will have 8 no. associated air rods on each of the roofs (3m in height); construction of 4 no. 220/110kV Power Transformers to include connections to the new GIS buildings, 2 no. 220 kV and 1 no. 110kV line / cable interface towers and associated removal of 3 no. existing end masts, 3 no. lightning masts (height 22m) and cable connections to the 220 kV GIS Switchboard building; new internal access road and 10 no. new permanent car parking spaces; associated site excavation, infrastructural and site development works above and below ground, boundary treatment and landscaping, including palisade fencing (2.6m height), lighting and surface water drainage and foul water tank; temporary use of the land associated with the existing farmhouse for the construction compound; and all ancillary and associated temporary works to facilitate the development at the construction stage, including construction access track, 2 no. construction compounds and cable connection for the Derryiron – Maynooth 110kV overhead line. Temporary construction and permanent access will be off the L5037. Planning permission is sought for a period of 10 years. A Natura Impact Statement will be submitted to the Planning Authority with the application</p>	1.75km south	n/a (incomplete application)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated

Title	Description	Distance (where applicable)	Decision (Decision due date)	Potential for In-Combination Effects
2460364 / 2460400	<p>for the construction of infrastructure, and associated development, at the existing and planned expanded substation, comprising:-</p> <ul style="list-style-type: none"> • construction of a new 220 kV Gas Insulated Switchgear (GIS) building (83.5m long x 18.5m wide (25.1m including staircases), 17m in height) (1,637 sqm); • construction of a new 110kV GIS building (68.8m x 15.4m, (22m including staircases) 15m in height) (1,138sqm); • both of the GIS Buildings will have 8 no. associated air rods on each of the roofs (3m in height); • construction of 4 no. 220/110kV power transformers to include connections to the new GIS buildings; • 2 no. 220kV and 1 no. 110kV line/cable interface towers and associated removal of 3 no. existing end masts; • 3 no. lightning masts (height 22m); • cable connections to the 220kV GIS building; • new 4.5m wide internal access road and 10 no. new permanent car parking spaces; • associated site excavation, infrastructural and site development works, and above and below ground boundary treatment and landscaping including palisade fencing (2.6m height), lighting and surface water drainage and foul water tank; • associated demolition of existing bungalow farmhouse and agricultural buildings (1,111.6m² floorspace total) to facilitate the proposed development; and • all ancillary and associated temporary works to facilitate the development at the construction stage, including construction access track, temporary construction compound / site laydown areas and cable connection for the existing Derryiron-Maynooth 110kV overhead line. Planning permission is sought for a period of 10 years. A Natura Impact Statement (NIS) will be submitted to the Planning Authority with the application. 	1.75km south	n/a (incomplete application)	NIS submitted with application with mitigation provided to conclude no likely significant effects. No in-combination effect anticipated

5.9 Summary

The SPR method has been utilised to define the ZoI of the draft Plan and an impact assessment has been carried out to identify which of the draft Plan objectives have the potential to result in LSE to the receptors outlined through this Section.

The ZoI has identified 25 of the draft Plan objectives have the potential for LSE in the absence of mitigation with the potential receptors identified as the Rye Valley Water/Carton SAC and Mouds Bog SAC. The objectives identified are:

Chapter 5: Homes and Communities objectives

- HCO 2.5
- HCO 6.1
- HCO 6.3
- HCO 6.4
- HCO 6.5
- HCO 6.7
- HCO 6.8
- HCO 6.9
- HCO 7.1
- HCO 7.2
- HCO 10.1
- HCO 11.2

Chapter 6: Economic Development objectives

- EDO 1.3
- EDO 1.8

- EDO 1.10

Chapter 7: Movement and Active Travel objectives

- MATO 2.1
- MATO 2.2
- MATO 3.2
- MATO 4.1
- MATO 4.2
- MATO 4.3
- MATO 4.4
- MATO 5.1

Chapter 9: Green and Blue Infrastructure objectives

- GBIO 2.5

Chapter 10: Infrastructure and Environmental Services objectives

- IO 3.3

6. Appropriate Assessment

6.1 Overview

This assessment considers the impacts that the Maynooth and Environs draft Plan objectives, for which there is a pathway for effect, will have on the integrity of the receptors within the ZoI.

The potential effects have been assessed in the absence of any mitigation measures, and in consideration of the precautionary principle. Since the proposed objectives are high-level and limited both in detail and in timeline, the discussion of the likelihood of any adverse effect is high-level.

The information provided within this document should be built on and used to guide and inform future AA of future plans and projects, where relevant. This includes a thorough assessment of the QIs/SCIs, site specific COs, current condition of the relevant European sites (including supplementary advice if available) and potential effects on QIs/SCIs as a result of each proposed plan/project, to determine appropriate mitigation (if required) and any adverse effects on integrity of the site.

This section determines whether the impacts identified in Section 5.3 could have adverse effects on the QIs and SCIs of the European sites identified in Section 5.6 in view of the COs of the sites. At this stage of assessment, the detail surrounding the magnitude, scale and duration of any future projects or activities arising from implementation of the draft Plan is lacking and as such this is a precautionary assessment.

As outlined in Section 5.3, the potential impacts arising from the draft Plan are as follows:

- Accidental pollution event;
- Habitat fragmentation or degradation;
- Habitat loss;
- Noise, vibration, lighting and human presence-related habitat and species disturbance;
- Surface water run-off/dust carrying suspended silt or contaminants to the marine environment;
- Species mortality;
- Spread of invasive species; and
- Temporary species disturbance and displacement

The assessment of adverse effects will focus on the Rye Valley Water/Carton SAC.

6.2 Rye Valley Water/Carton SAC

6.2.1 Overview

Rye Valley Water/Carton SAC is located between Lexlip and Maynooth, extending along the Rye Water. Rye Water is dammed at intervals within Carton Estate, such that there are a number of lakes within this area of the SAC. A variety of flora are found around the lakes, including reed sweet-grass *Glyceria maxima*, yellow iris *Iris pseudacorus*, reed canary-grass *Phalaris arundinacea*, bulrush *Typha latifolia*, water forget-me-not *Myosotis scorpioides*, marsh-marigold *Caltha palustris* and starworts *Callitriche* spp. For the remainder of the site, the river has been dredged and much of the reed surrounding removed.

The Annex I habitat of petrifying springs with tufa formation (Cratoneurion) was surveyed in 2015, and the area of habitat estimated to be c.1,250m². The COs for the site does however note that further non surveyed areas of the habitat may be present. The recorded area of petrifying springs with tufa formation (Cratoneurion) is located c.3.9km east of the draft Plan boundary. Petrifying springs with tufa formation (Cratoneurion) are considered to be a groundwater dependent ecosystem.

Narrow-mouthed whorl snail and Desmoulin's whorl snail occur in marsh vegetation near Louisa Bridge, c.3.8km east of the draft Plan boundary. The marsh habitats onsite support plant species including stoneworts, purple moor-grass *Molinia caerulea*, sedges *Carex* spp., common butterwort *Pinguicula vulgaris*, marsh lousewort *Pedicularis palustris*, grass-of-parnassus *Parnassia palustris*, and cuckooflower *Cardamine pratensis*.

As displayed in Figure 3, the draft Plan area overlaps the eastern portion of the Rye Water Valley/Carton SAC.

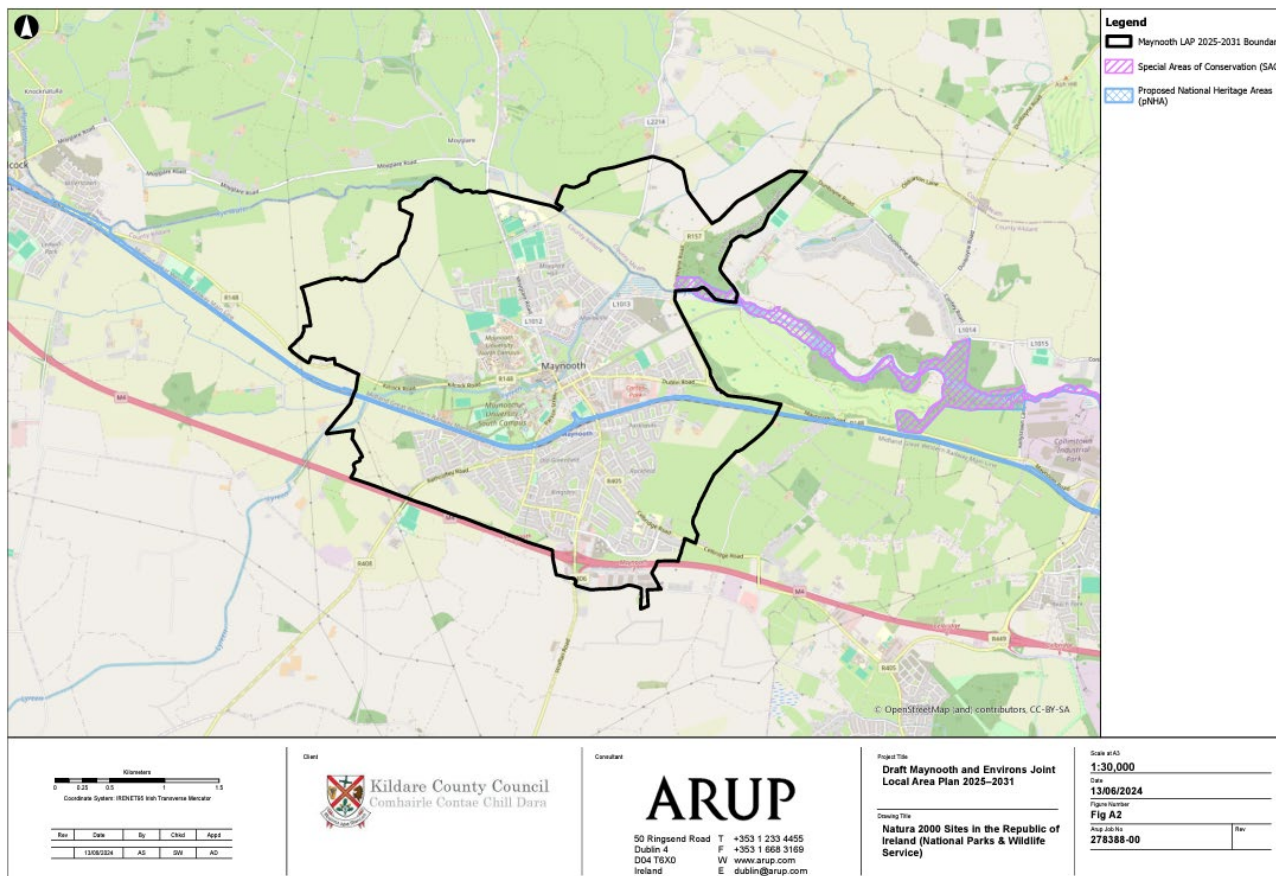


Figure 3 The Rye Water Valley/Carton SAC in proximity to the draft Plan area.

6.2.2 Accidental Pollution Event

All the objectives outlined in Section 5.9, excluding HCO 6.4, HCO 6.1, EDO 1.3, GBIO 2.5 of the draft Plan pertain to future development, and due to the potential for construction, the potential for an accidental pollution event exists. An accidental pollution event during construction is an unforeseen incident that could lead to the discharge of harmful substances. This could be due to the disturbance of buried waste, accidental leaks and spills of hazardous materials, or the unintentional spread of existing pollution. Accidental leaks and spills of hazardous materials from machinery in operation onsite has the potential to enter the Rye Valley Water/Carton SAC either directly where developments are proposed in close proximity to the SAC (on lands within the high amenity zoning objective to the northeast), or indirectly through hydrological connection via the River Rye and Lyreen River. Specifically, objectives GBIO 2.5, HCO 10.1, HCO 7.2, HCO 6.1, HCO 2.5, and HCO 1.3 relate to development on land bordering these watercourses, or within zoned land which includes land bordering these watercourses.

Water pollution can directly affect the petrifying springs with tufa formation (Cratoneurion) habitat, which is noted to be sensitive to changes in water quality, including nitrate level and phosphate level (with COs of the site including maintaining nitrate level at less than 10mg/l and restoring phosphate level to less than 15µg/l. Additionally, source pollution to surface and groundwaters is noted as a pressure to the habitat within the Status of EU Protected Habitats and Species in Ireland assessment¹⁷.

One of the CO's pertaining to the petrifying springs with tufa formation (*Cratoneurion*) is to maintain appropriate hydrological regimes and states that water flows feeding the habitat (through either groundwater or seepage sources) should not be altered anthropogenically. Additionally, water quality in respect of nitrate and phosphate levels must remain below 10mg/l (nitrates) and 15µg/l (phosphates). An accidental pollution event could potentially result in a change to these levels and as such cause an adverse effect upon the habitat.

6.2.3 Habitat loss, Fragmentation and Degradation

Habitat fragmentation is defined as the process during which a large expanse of habitat is transformed into a number of smaller patches of smaller total area, isolated from each other by habitats which are unlike the original²³. Owing to the potential for construction emanating from the objectives outlined in Section 5.9, excluding HCO 6.4, HCO 6.1, EDO 1.3, GBIO 2.5, the potential for habitat fragmentation and/or degradation may occur to indirectly to the Petrifying springs with tufa formation (*Cratoneurion*) QI habitat of the SAC.

Deposition of silt, dust, or other construction related material within the SAC, through aerial or hydrological pathways, could degrade the QI habitat downstream to the point where fragmentation occurs. Objectives with potential to result in habitat fragmentation and degradation include HCO 2.6, HCO 6.1, HCO 6.4, HCO 6.5, HCO 6.7, HCO 6.8, HCO 6.9, HCO 7.1, HCO 7.2, HCO 10.1, EDO 1.3, EDO 1.8, EDO 1.10, MATO 2.1, MATO 2.2, MATO 3.2, MATO 4.1, MATO 4.2, MATO 5.1.

Given that an area of the SAC directly overlaps with the draft Plan area, the potential for habitat loss, habitat fragmentation and degradation to the SAC itself exists.

6.2.4 Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment

Surface water run-off and airborne dust can degrade the quality of the aquatic habitat of the Rye Valley Water SAC, with potential to result in algal blooms.

Objectives HCO 2.5, HCO 6.1, HCO 6.4, HCO 6.5, HCO 6.7, HCO 6.8, HCO 6.9, HCO 7.1, HCO 7.2, HCO 10.1, EDO 1.3, EDO 1.8, EDO 1.10, MATO 2.1, MATO 2.2, MATO 3.2, MATO 4.1, MATO 4.2, MATO 5.1. of the draft Plan all have the potential to result in increased sediment or contaminants entering the aquatic environment as a result of future construction related activities. The QI habitat may be degraded as a result, impacting the conservation status of the springs; a CO of the QI habitat is to maintain a cover of algae less than 2%.

As one of the CO's pertaining to the petrifying springs with tufa formation (*Cratoneurion*) is to maintain appropriate hydrological regimes and states that water flows feeding the habitat (through either groundwater or seepage sources) should not be altered anthropogenically. Additionally, water quality in respect of nitrate and phosphate levels must remain below 10mg/l (nitrates) and 15µg/l (phosphates). An accidental pollution event could potentially result in a change to these levels and as such cause an adverse effect upon the habitat.

6.2.5 Reduction in species density and potential species mortality

Reduction in species density of the QIs of the SAC may result from loss/reduction of suitable habitat area, or habitat fragmentation. Degradation of habitat may occur due to accidental pollution or deposition of dust, silt or other construction related materials, as outlined in 6.2.2 - 6.2.4 The QIs of the SAC can be impacted by pollution if it alters the plant community on which they are reliant, and as such, pollution as a result of development has the potential to reduce the density of the QI species. Given the draft Plan directly overlaps with a portion of the SAC, there exists the potential for the QIs of the SAC to be present. Should the area be impacted by activities associated with the draft Plan, either during construction or operation (e.g. construction related activities or increased recreation due to provision of new walking facilities) there exists the risk of species mortality.

²³ Fahrig, L. (2003). Effects of Habitat Fragmentation on Biodiversity. *Annual Review of Ecology, Evolution, and Systematics*, 34, 487–515. <http://www.jstor.org/stable/30033784>

Eutrophication is noted as a particular threat to the narrow-mouthed whorl snail²⁴. Objectives HCO 2.5, HCO 6.1, HCO 6.4, HCO 6.5, HCO 6.7, HCO 6.8, HCO 6.9, HCO 7.1, HCO 7.2, HCO 10.1, EDO 1.3, EDO 1.8, EDO 1.10, MATO 2.1, MATO 2.2, MATO 3.2, MATO 4.1, MATO 4.2, MATO 5.1 all have the potential to result in reduction in habitat suitability, and consequently reduction in species density, of the QI species of the SAC.

6.2.6 Temporary species disturbance and displacement

Construction activities can precipitate temporary disturbances and displacement of QIs through a variety of mechanisms. The noise and vibration produced by construction machinery can disrupt these QIs particularly during breeding season, potentially leading to diminished breeding success. Construction arising from the draft Plan objectives can modify the physical landscape, potentially resulting in the destruction or degradation of foraging or resting habitats within the draft Plan area or nearby, thereby causing QIs to relocate to further away areas.

Objectives HCO 2.5, HCO A51:B596.1, HCO 6.4, HCO 6.5, HCO 6.7, HCO 6.8, HCO 6.9, HCO 7.1, HCO 7.2, HCO 10.1, EDO 1.3, EDO 1.8, EDO 1.10, MATO 2.1, MATO 2.2, MATO 3.2, MATO 4.1, MATO 4.2, MATO 5.1 all have the potential to result in temporary disturbance and/or displacement to QIs of the SACs.

6.2.7 Introduction or spread of invasive species

Potential future activities, either relating to construction level activities or through the provision of facilities such as recreation, could inadvertently lead to the introduction or proliferation of invasive species. This risk could stem from various sources such as machinery, plants, or personnel that are transported to the site from different locations. These elements could potentially carry seeds, spores, or even small plants that are not native to the site. Once introduced, these invasive species could gain a foothold and start to spread, causing a variety of impacts including degradation of habitat, loss of biodiversity, and even contamination of the draft Plan area. Objectives HCO 2.5, HCO 6.1, HCO 6.4, HCO 6.5, HCO 6.7, HCO 6.8, HCO 6.9, HCO 7.1, HCO 7.2, HCO 10.1, EDO 1.3, EDO 1.8, EDO 1.10, MATO 2.1, MATO 2.2, MATO 3.2, MATO 4.1, MATO 4.2, MATO 5.1 all have the potential introduce and/or spread invasive species.

7. Mitigation

7.1 Overview

The purpose of mitigation in the AA process is to outline the strategies and measures to avoid, reduce or offset potential adverse effects on the integrity of European sites, their QIs and SCIs. Mitigation measures are designed to ensure that the draft Plan will not adversely effect the integrity of the Rye Valley Water/Cartron SAC.

The approach taken in this AA is to recommend mitigation measures to avoid any adverse effects on the integrity of the QIs of the Rye Valley Water/Cartron SAC. Section 7.2 provides the recommended mitigation measures to be integrated within the draft Plan.

7.2 Recommended Mitigation for the draft Plan

7.2.1 Overview

Mitigation measures are recommended in the following subsections. The mitigation measures are presented per the relevant QIs and SCIs that have been identified as at risk of adverse effects within this report.

²⁴ Moorkens, E., Killeen, I. & Seddon, M. 2012. *Vertigo angustior*. The IUCN Red List of Threatened Species 2012: e.T22935A16658012. <http://dx.doi.org/10.2305/IUCN.UK.2012-1.RLTS.T22935A16658012.en>

7.2.2 Petrifying springs with tufa formation (Cratoneurion) [7220] (Rye Valley Water/Carton SAC)

Identified as a potential receptor due to being located partially within the draft Plan area, and sensitivity to groundwater pollution.

Recommended mitigation measures for the draft Plan in respect of the SAC habitat are:

- Any future project proposals associated with the draft Plan must maintain the key targets associated with the QIs as per the NPWS detailed COs for the Rye Valley Water/Carton SAC;
- Any project level development associated with the draft Plan within proximity to, or shares a connection (aerial, hydrological, functionally linked land) shall be subject to a Screening for AA (and full AA where appropriate) and be carried out by a suitably qualified ecologist; and
- Suitable mitigation measures shall be required at project level stage to ameliorate and potential adverse effects on the COs of the habitat once the details of the type of development and the level of construction works and impacts are known;

7.2.3 *Vertigo angustior* (Narrow-mouthed Whorl Snail) [1014] (Rye Valley Water/Carton SAC)

Identified as a potential receptor due to sensitivity to changes in habitat. The COs of the SAC notes the threat of changes to the tuffaceous springs and increased flooding.

- Any project level development associated with the draft Plan within proximity to, or shares a connection (aerial, hydrological, functionally linked land) shall be subject to a Screening for AA (and full AA where appropriate) and be carried out by a suitably qualified ecologist;
- Suitable mitigation measures shall be required at project level stage to ameliorate and potential adverse effects on the COs of the species once the details of the type of development and the level of construction works and impacts are known;
- Any future project proposals shall aim to avoid construction in sensitive areas such as resting, foraging and breeding areas; and
- Any future project proposals arising from the draft Plan which has the potential to interact with the QIs and its associated habitat shall consult with NPWS and any other relevant organisations.

7.2.4 *Vertigo moulinsiana* (Desmoulin's Whorl Snail) [1016] (Rye Valley Water/Carton SAC)

Identified as a potential receptor due sensitivity to changes in habitat. The COs of the SAC notes sensitivity to soil wetness and area of suitable high quality habitat within the SAC.

- Any project level development associated with the draft Plan within proximity to, or shares a connection (aerial, hydrological, functionally linked land) shall be subject to a Screening for AA (and full AA where appropriate) and be carried out by a suitably qualified ecologist;
- Suitable mitigation measures shall be required at project level stage to ameliorate and potential adverse effects on the COs of the species once the details of the type of development and the level of construction works and impacts are known;
- Any future project proposals shall aim to avoid construction in sensitive areas such as resting, foraging and breeding areas; and

Any future project proposals arising from the draft Plan which has the potential to interact with the QIs and its associated habitat shall consult with NPWS and any other relevant organisations.

8. Summary and Conclusion

8.1 Summary

The draft Joint Plan for Maynooth and Environs has been produced to replace the Maynooth Local Area Plan 2013-2019 and the written statement for Maynooth Environs in the Meath County Development Plan 2021-2027 (as varied). The plan will provide an overarching strategy to guide and manage the planning and sustainable development of Maynooth and Environs.

The draft Plan covers the town of Maynooth as well as the surrounding environs of Crewhill to the west, Mariavilla to the north, Greenfield, Collegeland, and Newtown (Ed Maynooth) to the south, Railpark to the east and the environs of Moygaddy (Co. Meath) to the north. The central area of the draft Plan is largely urban, with the outskirts of the area including arable fields and parcels of woodland.

A Screening for AA has been carried out in line with Part XAB of the Planning and Development Act 2000 (as amended). The Source-Pathway-Receptor model has been used to carry out the screening assessment.

- The **Source** of the impacts are the 25 draft Plan objectives taken forward to AA which were determined to give rise to potential impacts relating to construction (e.g. accidental pollution incidents, noise, vibration and light emissions);
- The **Pathways** for effect by which implementation of the draft Plan can impact relevant QIs/SCIs were determined to be aerial and hydrological connectivity; and
- The **Receptor** is the Rye Valley Water/Carton SAC, which overlaps with the northeast of the draft Plan area, and its QIs of petrifying springs with tufa formation (Cratoneurion), narrow-mouthed whorl snail, and Desmoulin's whorl snail

The potential for in-combination impacts with other projects and plans has been assessed in Section 5.8. It was determined that potential likely significant effects does exist as a result of several objectives within the draft Plan that would result in adverse effects upon the integrity of the Rye Valley Water/Carton SAC.

Mitigation measures are necessary to avoid adverse effects on the integrity of the Rye Valley Water/Carton SAC and have been recommended as part of the AA report. With the implementation of mitigation recommended within this AA, there is sufficient evidence for the AA to conclude that the implementation of the draft Plan would not result in adverse effect on the integrity of the Rye Valley Water/Carton SAC, either alone or in-combination with other plans or projects.

It is therefore considered that it will avoid adverse effects on the integrity of Rye Valley Water/Carton SAC, alone or in-combination.

8.2 Conclusions

In order for the AA to comply with the requirements of Article 6(3) the Habitats Directive, an Appropriate Assessment undertaken by the competent authority must include an examination, analysis, evaluation, findings, conclusions and a final determination. The information in this report will, along with all other submissions and observations received following public consultation, will enable Kildare County Council and Meath County Council to perform its statutory function in this regard.

This AA has examined and analysed, in light of the best scientific knowledge, with respect to the relevant European sites, the sources and pathways for effect, and how these may result in adverse effects on the identified QIs and therefore the integrity of European sites, either alone or in combination with other projects and/or plans. Mitigation measures are set out within this report to ensure that adverse effects on the integrity of European sites will be avoided during the implementation of the draft Plan either alone or in combination with other plans or projects.

Accordingly, in the professional opinion of the authors of this report, whilst it has been acknowledged that there is the potential, in the absence of mitigation, for the draft Plan to have the potential for likely significant effects on European sites, with the implementation of the mitigation measures outlined in this AA, the integrity of any European sites will not be adversely affected.

Appendix A

Impact Assessment of the draft Plan Objectives

A.1 Screening Assessment of the draft Plan

Table 4. Impact Assessment of the draft Plan.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
DO 1.1	No potential impacts identified	No pathway for effect	No receptors	The objective accounts for implementation of existing climate action plans. Future development is not inferred from this objective. No potential impacts anticipated. Screened Out.
DO 1.2	No potential impacts identified	No pathway for effect	No receptors	The objective accounts for support for climate action project under existing funds/programmes. Future development is not inferred from this objective. No potential impacts anticipated. Screened Out.
CCSO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to adoption of a planning approach rather than provision of development. As a result no potential impacts anticipated. Screened Out.
CCSO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to establishment of a group. No development is inferred and as such no potential impacts anticipated. Screened Out.
CCSO 1.4	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to support of development as opposed to provision of development. As such, no potential impacts are anticipated. Screened Out.
CCSO 1.5	No potential impacts identified	No pathway for effect	No receptors	This objective relates to considerations of development locations as opposed to development itself. As such, no potential impacts are anticipated. Screened Out.
CCSO 1.6	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to land use zoning as opposed to provision of development. As such, no potential impacts are anticipated. Screened Out.
CCSO 1.7	No potential impacts identified	No pathway for effect	No receptors	This objective relates to desk based activities. No potential impacts are anticipated. Screened Out.
CCSO 1.8	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protection of European sites and should therefore have a positive impact. No potential significant effects are anticipated. Screened Out.
TCO 1.1	Accidental pollution event; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment;	No pathway for effect	No receptors	Whilst this objective outlines the facilitation of renewal of derelict sites which infers construction related activities, the lack of a viable pathway between the town centre and a European site shall not result in likely significant effects. Screened Out.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	Spread of invasive species.			
TCO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the internal use of buildings. No potential for likely significant effects anticipated. Screened Out.
TCO 1.3	No potential impacts identified	No pathway for effect	No receptors	This objective outlines consideration for the protection of town centre character. No potential for likely significant effects anticipated. Screened Out.
TCO 1.4	No potential impacts identified	No pathway for effect	No receptors	This objective outlines requirements pertaining to new development rather than the facilitation of development. No potential for likely significant effects anticipated. Screened Out
TCO 1.5	No potential impacts identified	No pathway for effect	No receptors	This objective outlines the regeneration and renewal methods for the town centre. No new development is inferred and as such construction level impacts that could result in a likely significant effect are not anticipated. No potential for likely significant effects anticipated. Screened Out.
TCO 1.6	No potential impacts identified	No pathway for effect	No receptors	This objectives pertain to engagement and support. No potential for likely significant effects anticipated. Screened Out.
TCO 1.7	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No new development is inferred from this objective. No likely significant effects anticipated. Screened Out.
TCO 1.8	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No new development is inferred from this objective. No likely significant effects anticipated. Screened Out.
TCO 1.9	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the development of a strategy and relates to desk based activities. No new development is inferred from this objective. No likely significant effects anticipated. Screened Out.
TCO 1.10	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No new development is inferred from this objective. No likely significant effects anticipated. Screened Out.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
HCO 1.1	No potential impacts identified	No pathway for effect	No receptors	The objective relates to promotion of development as opposed to provision of development. No likely significant effects anticipated. Screened Out.
HCO 1.2	No potential impacts identified	No pathway for effect	No receptors	The objective relates to encouraging appropriate development as opposed to provision of development. No likely significant effects anticipated. Screened Out.
HCO 1.3	No potential impacts identified	No pathway for effect	No receptors	This objective does not relate to physical development. No likely significant effects anticipated. Screened Out.
HCO 1.4	No potential impacts identified	No pathway for effect	No receptors	Pertains to planning provisions as opposed to facilitating development or leading the construction. No likely significant effects anticipated. Screened Out..
HCO 2.1	No potential impacts identified	No pathway for effect	No receptors	This objective relates to specifications of development as opposed to provision of development itself. No likely significant effects anticipated. Screened Out.
HCO 2.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to specifications of development as opposed to provision of development itself. No likely significant effects anticipated. Screened Out.
HCO 2.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to specifications of development as opposed to provision of development itself. No likely significant effects anticipated. Screened Out.
HCO 2.4	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of accommodation at appropriate locations but does not infer construction. No likely significant effects anticipated. Screened Out.
HCO 2.5	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance;	Hydrological; Aerial	Rye Water Valley/Carlton SAC	This objective suggests construction of housing, and as such there is potential for construction-related effects. In the absence of mitigation the potential for significant effects exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			
HCO 2.6	No potential impacts identified	No pathway for effect	No receptors	This objective aims to reduce noise disturbance, and as such should have a positive impact. No likely significant effects anticipated. Screened Out.
HCO 3.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. No likely significant effects anticipated. Screened Out.
HCO 3.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Water Valley/Carton SAC	This objective infers new development of schools within proximity to the Rye Valley Water/Carton SAC, and as such there is potential for construction-related effects. In the absence of mitigation the potential for significant effects exists. Brought forward to AA.
HCO 3.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. No likely significant effects anticipated. Screened Out.
HCO 4.1	No potential impacts identified	No pathway for effect	No receptors	This objective does not pertain to activities likely to give rise to effects, relating to the location of facilities. No likely significant effects anticipated. Screened Out
HCO 4.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support as opposed to provision of the structures themselves. No likely significant effects anticipated. Screened Out.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
HCO 5.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to desk-based activities, unlikely to give rise to effects. No likely significant effects anticipated. Screened Out
HCO 5.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. Per the objective text, the health centre shall be subject to planning considerations which shall require the facilitation of an environmental assessment. Project level impacts shall be identified within that stage. No likely significant effects anticipated. Screened Out
HCO 5.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. No likely significant effects anticipated. Screened Out
HCO 5.4	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. Per the objective text, the health centre shall be subject to planning considerations which shall require the facilitation of an environmental assessment. Project level impacts shall be identified within that stage. No likely significant effects anticipated. Screened Out
HCO 5.5	No potential impacts identified	No pathway for effect	No receptors	This objective relates to requirements for feasibility studies relating to developments. No likely significant effects anticipated. Screened Out
HCO 5.6	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support No likely significant effects anticipated. Screened Out
HCO 6.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective may result in construction works in relation to the delivery of public parks. The scale of works are likely to be relatively minor, however pending design information, all effects as a result of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
HCO 6.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support, relating to a development that has already been approved and as such has been subject to impact assessment. No likely significant effects anticipated. Screened Out
HCO 6.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to requirements for developments as opposed to provision of development itself. No likely significant effects anticipated. Screened Out
HCO 6.4	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction/landscaping works. Whilst likely to be relatively minor in scale, in the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 6.5	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction/landscaping works. Whilst likely to be relatively minor in scale, in the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 6.6	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to desk-based promotion. No likely significant effects anticipated.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				Screened Out
HCO 6.7	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction works to facilitate sports facilities. In the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 6.8	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction works to facilitate community facilities. In the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 6.9	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction works to provide sporting facilities. In the absence of design and works information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			
HCO 6.10	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to seeking funding from agencies. The objective does infer new development. No likely significant effects anticipated. Screened Out
HCO 7.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	No pathway	No receptors	This objective is likely to result in construction works to facilitate the community hub for Maynooth. However, given the central placement within the town, no viable pathway for effect exists. No likely significant effects anticipated. Screened Out
HCO 7.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	No pathway	No receptors	This objective is likely to result in construction works to facilitate the community hub for Maynooth. However, given the central placement within the town, no viable pathway for effect exists. No likely significant effects anticipated. Screened Out
HCO 7.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to retention of the existing library building for community uses, likely

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				reducing requirement for new development as associated impacts. No likely significant effects anticipated. Screened Out
HCO 8.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to supporting development of construction spaces. The objective does not specify facilitating construction. No likely significant effects anticipated. Screened Out
HCO 9.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. In addition, the delivery of the new cemetery will be subject to impact assessment at the project level. No likely significant effects anticipated. Screened Out
HCO 10.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective pertains to development likely to result in construction. In the absence of works and design information, all potential effects of construction are considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
HCO 11.1	No potential impacts identified	No pathway for effect	No receptors	This objective relates to provision of support. In addition, any development of student accommodation will be subject to project level impact assessment. As such, no effects are anticipated. No likely significant effects anticipated. Screened Out
HCO 11.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying	Hydrological pathway via the Grand Canal.	Rye Valley Water/Carton SAC	Provision of new campus is likely to result in construction works, and associated impacts. As such, potential impacts will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			
HCO 11.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to change of use of existing housing. No likely significant effects anticipated. Screened Out
EDO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective does not suggest construction, but likely desk-based exercises. No likely significant effects anticipated. Screened Out
EDO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective does not suggest construction and may reduce construction through preventing inappropriate development. No likely significant effects anticipated. Screened Out
EDO 1.3	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective suggests requirements for works including planting in proximity to watercourses and associate landscaping works. Potential impacts may arise from such works which will be considered further. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
EDO 1.4	No potential impacts identified	No pathway for effect	No receptors	This objective is desk-based, and seeks to reduce dependency on private cars, which would reduce airborne pollution No likely significant effects anticipated. Screened Out
EDO 1.5	No potential impacts identified	No pathway for effect	No receptors	This objective involves requirements for developments, seeking to reduce dependency on private transport modes.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				No likely significant effects anticipated. Screened Out
EDO 1.6	No potential impacts identified	No pathway for effect	No receptors	This objective involves desk-based engagement. No likely significant effects anticipated. Screened Out
EDO 1.7	No potential impacts identified	No pathway for effect	No receptors	This objective relates to desk-based exercises to promote knowledge and skill share. No likely significant effects anticipated. Screened Out
EDO 1.8	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective infers construction in relation to phased development and expansion of Maynooth University campus. In the absence of specific design and works plans, all potential effects of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
EDO 1.9	No potential impacts identified	No pathway for effect	No receptors	This objective relates to encouraging research-led activities. No construction is inferred. No likely significant effects anticipated. Screened Out
EDO 1.10	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective infers construction in relation to MakerCentral. In the absence of specific design and works plans, all potential effects of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	disturbance and displacement			
EDO 1.11	No potential impacts identified	No pathway for effect	No receptors	This objective infers construction in relation to St Patrick's College. However, the project will be subject to planning and environmental considerations, including impact assessment at the project level. No likely significant effects anticipated. Screened Out
EDO 1.12	No potential impacts identified	No pathway for effect	No receptors	This objective relates to promotion activities. No likely significant effects anticipated. Screened Out
EDO 1.13	No potential impacts identified	No pathway for effect	No receptors	This objective relates to encouraging residential use of planned developments as opposed to provision of developments. No likely significant effects anticipated. Screened Out
EDO 1.14	No potential impacts identified	No pathway for effect	No receptors	This objective relates to desk-based exercises and seeks to reduce the requirement to travel. No likely significant effects anticipated. Screened Out
EDO 1.15	No potential impacts identified	No pathway for effect	No receptors	This objective relates to encouragement of development as opposed to provision of development. No likely significant effects anticipated. Screened Out
EDO 2.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective infers construction in relation to the draft Plan area. In the absence of specific design and works plans, all potential effects of construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
EDO 2.2	Accidental pollution event; Habitat fragmentation and	Hydrological; Aerial	Rye Valley Water/Carlton SAC	As the objective does pertain to the development of the Greenway, construction is inferred. It is anticipated that any potential impacts would be captured at the project level stage as inferred by the

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			text ' subject to planning and environmental considerations' No likely significant effects anticipated at this stage. Screened Out.
EDO 2.3	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	As the objective does pertain to the development of the new water based facilities, construction is inferred. It is anticipated that any potential impacts would be captured at the project level stage as inferred by the text ' subject to planning and environmental considerations' No likely significant effects anticipated at this stage. Screened Out.
EDO 2.4	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species	Hydrological; Aerial	Rye Valley Water/Carlton SAC	As the objective does pertain to the development of the new tourism and recreational facilities, construction is inferred. It is anticipated that any potential impacts would be captured at the project level stage as inferred by the text ' subject to planning and environmental considerations' No likely significant effects anticipated at this stage. Screened Out.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	disturbance and displacement			
EDO 2.5	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to encourage and support of activities which are not anticipated to give rise to construction or emissions to water/air. No likely significant effects anticipated. Screened Out.
EDO 2.6	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the ongoing operation of a tourism feature and does not infer construction related activities. No likely significant effects anticipated. Screened Out
EDO 2.7	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the ongoing operation of a tourism feature and does not infer construction related activities. No likely significant effects anticipated. Screened Out
EDO 2.8	No potential impacts identified	No pathway for effect	No receptors	This objective refers to rehabilitation of an existing building and their conversion. Construction level activities are anticipated to be minor in geographic scale and nature. No likely significant effects anticipated. Screened Out.
EDO 2.9	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the facilitation of information. No likely significant effects anticipated. Screened Out
EDO 2.10	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No likely significant effects anticipated. Screened Out
EDO 2.11	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No likely significant effects anticipated. Screened Out
EDO 2.12	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment;	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objectives has the potential to give rise to new development which could include construction activities. Given the lack of exact detail regarding location, there is potential for construction related effects upon the Rye Valley Water/Carton SAC. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	Species mortality; Spread of invasive species; and Temporary species disturbance and displacement			
EDO 2.13	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No likely significant effects anticipated. Screened Out
EDO 2.14	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support. No likely significant effects anticipated. Screened Out
EDO 3.1	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protection and promotion. No new development is inferred. No likely significant effects anticipated. Screened Out
EDO 3.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to encouragement and is structured within desk based activities. No likely significant effects anticipated. Screened Out
EDO 3.3	Accidental pollution event; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Spread of invasive species; and	No pathway for effect	No receptors	This objective does infer new development however lacks a viable pathway for effect. No likely significant effects anticipated. Screened Out
EDO 3.4	No potential impacts identified	No pathway for effect	No receptors	This objective relates to aligning with other policies. No likely significant effects anticipated. Screened Out
EDO 3.5	No potential impacts identified	No pathway for effect	No receptors	This objective relates to ensuring retail scale is aligned with neighbourhood centres and the catchment population. No likely significant effects anticipated. Screened Out
EDO 3.6	No potential impacts identified	No pathway for effect	No receptors	This objective relates to the provision of support. No likely significant effects anticipated. Screened Out
EDO 3.7	No potential impacts identified	No pathway for effect	No receptors	This objective relates to ensuring a positive contribution to the streetscape of Maynooth. No new development inferred.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				No likely significant effects anticipated. Screened Out
EDO 3.8	No potential impacts identified	No pathway for effect	No receptors	This objective relates to the provision of encouragement. No new development inferred. No likely significant effects anticipated. Screened Out
MATO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to adopting a design requirement towards transport infrastructure opposed to facilitating its development. No likely significant effects anticipated. Screened Out
MATO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to the provision of support. No likely significant effects anticipated. Screened Out
MATO 2.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Cartron SAC	This objective infers construction in implementation of active travel infrastructure, as such, construction impacts will be considered. Operational impacts as a result of new infrastructure will also be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Cartron SAC exists. Brought forward to AA.
MATO 2.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and	Hydrological; Aerial	Rye Valley Water/Cartron SAC	This objective infers new development which may generate minor construction works – potential impacts possible. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Cartron SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	Temporary species disturbance and displacement			
MATO 2.3	No potential impacts identified	No pathway for effect	No receptors	This objective infers construction to implement the cycle network plan. However, this involves implementation of the existing plan, and the project will be subject to AA. Project level impacts shall be captured at this stage. No likely significant effects anticipated. Screened Out
MATO 2.4	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to continuation of an existing scheme. No likely significant effects anticipated. Screened Out
MATO 2.5	No potential impacts identified	No pathway for effect	No receptors	This objective is considered unlikely to give rise to effects, given the small-scale nature of the aims, and unlikely requirement for intrusive works. No likely significant effects anticipated. Screened Out
MATO 3.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to encouraging use of public transport and is therefore considered likely to improve environmental parameters such as air quality. No likely significant effects anticipated. Screened Out
MATO 3.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective infers potential construction in relation to public transport infrastructure, such as bus stops. As such, impacts relating to construction will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
MATO 3.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to supporting an existing programme and expansion of bus routes. This is considered unlikely to give rise to adverse impacts, potentially having a positive impact by reducing reliance on private modes of transport No likely significant effects anticipated.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				Screened Out
MATO 3.4	No potential impacts identified	No pathway for effect	No receptors	This objective relates to retaining an existing bus route, and as such, no effects are anticipated. No likely significant effects anticipated. Screened Out
MATO 3.5	No potential impacts identified	No pathway for effect	No receptors	The inclusion of 'subject to planning and environmental considerations' infers a project level AA will be carried out. As such, no impacts are anticipated. No likely significant effects anticipated. Screened Out
MATO 3.6	No potential impacts identified	No pathway for effect	No receptors	The inclusion of 'subject to planning and environmental considerations' infers a project level AA will be carried out. As such, no impacts are anticipated. No likely significant effects anticipated. Screened Out
MATO 4.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	The objective is likely to result in road related construction. Given the scale of works is not specified, all potential impacts as a result of construction must be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
MATO 4.2	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality;	Hydrological; Aerial	Rye Valley Water/Carton SAC	The objective is likely to result in road related construction. Given the scale of works is not specified, all potential impacts as a result of construction must be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
	Spread of invasive species; and Temporary species disturbance and displacement			
MATO 4.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to the provision of support and not the facilitation of the development of the MERR. No likely significant effects anticipated. Screened Out
MATO 4.4	No potential impacts identified	No pathway for effect	No receptors	Delivery of the road shall be subject to AA (as inferred by the objective text) at the project level due to reference to environmental and planning considerations. No likely significant effects anticipated. Screened Out
MATO 4.5	No potential impacts identified	No pathway for effect	No receptors	Delivery of the road is assumed to be subject to AA at the project level due to reference to environmental and planning considerations. No likely significant effects anticipated. Screened Out
MATO 4.6	No potential impacts identified	No pathway for effect	No receptors	This objective relates to specifications of an existing planned development No likely significant effects anticipated. Screened Out
MATO 5.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carton SAC	This objective is likely to result in construction, of a mobility hub and other car parking infrastructure. As such, impacts relating to construction must be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
MATO 5.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to applying existing standards to car parking. As such, no impacts are anticipated. No likely significant effects anticipated. Screened Out

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
MATO 5.2	No potential impacts identified	No pathway for effect	No receptors	This objective is likely to reduce air pollution through provision of car free developments. No likely significant effects anticipated. Screened Out
MATO 5.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to providing bicycle parking facilities which are anticipated to be minor works and as such would not give rise to significant effects. No likely significant effects anticipated. Screened Out
MATO 5.4	No potential impacts identified	No pathway for effect	No receptors	This objective relates to support as opposed to provision of infrastructure. No likely significant effects anticipated. Screened Out
MATO 5.5	No potential impacts identified	No pathway for effect	No receptors	This objective relates to engagement. No likely significant effects anticipated. Screened Out
MATO 5.6	No potential impacts identified	No pathway for effect	No receptors	This objective, seeking to promote car sharing, aims to reduce cars with single passengers, and associated pollution. No likely significant effects anticipated. Screened Out
MATO 5.7	No potential impacts identified	No pathway for effect	No receptors	This objective relates to conservation of protected structures, and as such, is not considered likely to result in construction or operational impacts. No likely significant effects anticipated. Screened Out
BHO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to support and does not suggest construction. No likely significant effects anticipated. Screened Out
BHO 1.3	No potential impacts identified	No pathway for effect	No receptors	This objective seeks to prevent demolition of registered structures, and as such, would reduce avoid potential environmental impacts associated with demolition. No likely significant effects anticipated. Screened Out
BHO 1.4	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to support and does not suggest construction. No likely significant effects anticipated. Screened Out
BHO 1.5	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to support, and requirement for development proposals. No likely significant effects anticipated.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				Screened Out
BH0 2.1	No potential impacts identified	No pathway for effect	No receptors	This objective relates to character requirements for new development. The objective itself does not provision development. No likely significant effects anticipated. Screened Out
BH0 2.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to encouragement of works that are likely to be minor and localised in scale. No likely significant effects anticipated. Screened Out
BH0 2.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protected and enhancing views. No development or construction is suggested. No likely significant effects anticipated. Screened Out
BH0 2.4	No potential impacts identified	No pathway for effect	No receptors	This objective relates to desk-based consideration of development. No likely significant effects anticipated. Screened Out
BH0 2.5	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to encouragement of activities, some of which may require works of limited scale. Given the nature of potential works and provision of encouragement as opposed to carrying out the works, no effects are anticipated. No likely significant effects anticipated. Screened Out
BH0 2.6	No potential impacts identified	No pathway for effect	No receptors	This objective relates to visual screening, and given the nature and scale of such measures, is not considered likely to give rise to effects. No likely significant effects anticipated. Screened Out
BH0 2.7	No potential impacts identified	No pathway for effect	No receptors	This objective does not infer construction, but implementation of desk-based measures. No likely significant effects anticipated. Screened Out
BH0 2.8	No potential impacts identified	No pathway for effect	No receptors	This objective relates to a desk-based exercise. No likely significant effects anticipated. Screened Out
BH0 2.9	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protection and enhancement of heritage features. No construction is suggested. No likely significant effects anticipated. Screened Out

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
BHO 3.1	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protection and promotion of archaeological heritage. No construction is suggested. No likely significant effects anticipated. Screened Out
BHO 3.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protection of items of archaeological interest. No construction is suggested. No likely significant effects anticipated. Screened Out
BHO 3.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to protecting existing buildings and street layouts. As such, no effects are anticipated. Screened Out
BHO 3.4	No potential impacts identified	No pathway for effect	No receptors	This objective does not suggest construction requirements. As such, no effects are anticipated. No likely significant effects anticipated. Screened Out
BHO 3.5	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to protection of existing historical features. No construction is inferred, and as such, no effects anticipated. No likely significant effects anticipated. Screened Out
BHO 3.6	No potential impacts identified	No pathway for effect	No receptors	The nature of measures within this objective, relating to protection of archaeological features, is not considered to give rise to effects. No likely significant effects anticipated. Screened Out
GBIO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective involves provision of measures to protect the Rye Water Valley/Carlton SAC from adverse impacts of development. No likely significant effects anticipated. Screened Out
GBIO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective involves provision of measures to protect the Royal Canal from adverse impacts of development. No likely significant effects anticipated. Screened Out
GBIO 1.3	No potential impacts identified	No pathway for effect	No receptors	This objective involves implementation of an existing plan. In addition, the Biodiversity Action Plan seeks to enhance biodiversity, and as such, implementation of the plan is anticipated to result in positive effects. No likely significant effects anticipated. Screened Out

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
GBIO 1.4	No potential impacts identified	No pathway for effect	No receptors	This objective involves provision of measures to protect bats from adverse impacts of development, and as such. No likely significant effects anticipated. Screened Out
GBIO 1.5	No potential impacts identified	No pathway for effect	No receptors	This objective seeks to conserve watercourses, and as such. No likely significant effects anticipated. Screened Out
GBIO 2.1	No potential impacts identified	No pathway for effect	No receptors	This objective seeks to conserve ecological features. No likely significant effects anticipated. Screened Out
GBIO 2.2	No potential impacts identified	No pathway for effect	No receptors	This objective seeks to conserve ecological features. No likely significant effects anticipated. Screened Out
GBIO 2.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to requirements for development as opposed to provision of development. No likely significant effects anticipated. Screened Out
GBIO 2.4	No potential impacts identified	No pathway for effect	No receptors	This objective relates to requirements for development as opposed to provision of development. No likely significant effects anticipated. Screened Out
GBIO 2.5	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective is likely to result in construction and landscaping works, as well as potential for increased recreational use of areas adjacent to watercourses. As such, construction and operational effects will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
GBIO 2.6	No potential impacts identified	No pathway for effect	No receptors	This objective is aspirational, seeking to maintain existing ecological features. Where trees are removed, works are not considered to be at a scale likely to give rise to effects. No likely significant effects anticipated. Screened Out
GBIO 2.7	No potential impacts identified	No pathway for effect	No receptors	This objective relates to a desk-based exercise, which will result in a plan that should protect environmental features. No likely significant effects anticipated. Screened Out
GBIO 2.9	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to encouragement as opposed to provision of green and blue infrastructure features. No likely significant effects anticipated. Screened Out
GBIO 2.10	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to activities considered unlikely to give rise to an effect. No likely significant effects anticipated. Screened Out
IO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to construction of new infrastructure, which would be undertaken by Uisce Éireann. It is anticipated that responsibility for preparatory work, including AA screening, would lie with Uisce Éireann. No likely significant effects anticipated. Screened Out
IO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective looks to reduce leakage, and as such should improve water quality. In addition, maximising use of existing capacity is likely to reduce requirements for new infrastructure and associated impacts. No likely significant effects anticipated. Screened Out.
IO 1.3	No potential impacts identified	No pathway for effect	No receptors	This objective relates to protecting the integrity of existing infrastructure. No likely significant effects anticipated. Screened Out
IO 2.1	No potential impacts identified	No pathway for effect	No receptors	This is an aspirational objective, which should protect deterioration of waterbodies and groundwater. No likely significant effects anticipated. Screened Out
IO 2.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to implementation of objectives within existing plans, and risk management would be considered at the project level. No likely significant effects anticipated. Screened Out

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
IO 2.3	No potential impacts identified	No pathway for effect	No receptors	This objective aims to result in a positive effect on the environment. No likely significant effects anticipated. Screened Out
IO 2.4	No potential impacts identified	No pathway for effect	No receptors	Alteration of hydrological regimes and increased input of surface water into the Rye Water River likely to have effects. However, given the works will be subject to AA, no effects are anticipated. No likely significant effects anticipated. Screened Out
IO 2.5	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. No likely significant effects anticipated. Screened Out
IO 2.6	No potential impacts identified	No pathway for effect	No receptors	This objective is a desk-based exercise, and as such, not anticipated to result in effects. No likely significant effects anticipated. Screened Out
IO 3.1	No potential impacts identified	No pathway for effect	No receptors	This objective does not infer construction works or likely operational impacts. No likely significant effects anticipated. Screened Out
IO 3.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to desk-based development requirements. No likely significant effects anticipated. Screened Out.
IO 3.3	Pollution of watercourses should machinery be required to maintain the overland flow routes.	Hydrological	Rye Valley Water/Carton SAC	This objective pertains to maintaining existing hydrological regimes, which may have the potential to interact with the Rye Valley Carton SAC and result in likely significant effects. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carton SAC exists. Brought forward to AA.
IO 3.4	No potential impacts identified	No pathway for effect	No receptors	This objective relates to supporting flood relief works which is likely to require construction of unknown scale. However, as the objective states the works will be subject to statutory environmental considerations at project level, the objective is not anticipated to result in effects. No likely significant effects anticipated. Screened Out.
IO 4.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to safeguarding existing infrastructure, and as such, is likely to reduce requirements for constructing new infrastructure. No likely significant effects anticipated. Screened Out.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
IO 4.2	No potential impacts identified	No pathway for effect	No receptors	This objective relates to provision of support. No likely significant effects anticipated. Screened Out.
IO 4.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to engagement. No likely significant effects anticipated. Screened Out.
IO 4.4	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to desk-based promotion and encouragement. In addition, encouraging the use of local-based/community-owned renewable energy technologies in existing development is likely to reduce the requirement for new developments and the associated effects. No likely significant effects anticipated. Screened Out.
IO 4.5	No potential impacts identified	No pathway for effect	No receptors	This objective relates to provision of support. No likely significant effects anticipated. Screened Out.
IO 4.6	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to a desk-based exercise. No likely significant effects anticipated. Screened Out.
IO 5.1	Accidental pollution event; Habitat fragmentation and degradation; Habitat loss; Noise, vibration, lighting and human presence-related habitat and species disturbance; Surface water run-off/dust carrying suspended silt or contaminants to the aquatic environment; Species mortality; Spread of invasive species; and Temporary species disturbance and displacement	Hydrological; Aerial	Rye Valley Water/Carlton SAC	This objective is likely to result in construction and potential operational impacts relating to new recycling facilities. As such, potential effects of construction and operation will be considered. In the absence of mitigation, the potential for significant effects upon the Rye Valley Water/Carlton SAC exists. Brought forward to AA.
IO 5.2	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to accessibility requirements as opposed to construction. As such, no results are anticipated.
IO 5.3	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to provision of support. No likely significant effects anticipated. Screened Out.

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
IO 5.4	No potential impacts identified	No pathway for effect	No receptors	This objective is aspirational in nature, with encouragement of ultra-low/zero emissions vehicles likely to reduce airborne pollution. Provision of electric vehicle charging infrastructure would be subject to project level impact assessment. No likely significant effects anticipated. Screened Out.
IO 5.5	No potential impacts identified	No pathway for effect	No receptors	This objective is aspirational in nature. The activities proposed are unlikely to give rise to an impact. No likely significant effects anticipated. Screened Out.
MWO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective pertains to support and funding activities as opposed to development itself. No likely significant effects anticipated. Screened Out.
MWO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective makes reference to requirement for the Masterplan to be developed in conjunction with relevant environmental assessments. As a Masterplan is a land-use plan, it is subject to the requirements of the Planning & Development Act including Part XAB which outlines the AA process and requires that all land-use plans, prior to their adoption undergo AA. No likely significant effects anticipated. Screened Out.
MEO 1.1	No potential impacts identified	No pathway for effect	No receptors	This objective makes reference to requirement for the Masterplan to be developed in conjunction with relevant environmental assessments. As a Masterplan is a land-use plan, it is subject to the requirements of the Planning & Development Act including Part XAB which outlines the AA process and requires that all land-use plans, prior to their adoption undergo AA. No likely significant effects anticipated. Screened Out
MEO 1.2	No potential impacts identified	No pathway for effect	No receptors	This objective makes reference to requirement for the Masterplan to be developed in conjunction with relevant environmental assessments. As a Masterplan is a land-use plan, it is subject to the requirements of the Planning & Development Act including Part XAB which outlines the AA process and requires that all land-use plans, prior to their adoption undergo AA. No likely significant effects anticipated. Screened Out
MEO 1.3	No potential impacts identified	No pathway for effect	No receptors	This objective provides for the development of student accommodation on lands zoned 'A2 New Residential' within the Maynooth Environs. The lands to which this objective (MRO 1.3) are located

New Numbering	Source	Pathway	Receptor	Screening Assessment Outcome
				<p>within Masterplan Area 16 in Maynooth Environs to which Objective MEO 1.1 already refers.</p> <p>As a Masterplan is a land-use plan, it is subject to the requirements of the Planning & Development Act including Part XAB which outlines the AA process and requires that all land-use plans, prior to their adoption undergo AA.</p> <p>No likely significant effects anticipated.</p> <p>Screened Out</p>