

Appropriate Assessment (AA) Screening of Killybegs Town Centre Regeneration Project at Corporation, Killybegs in the Donegal Municipal District

**In Line with the Requirements of Article 6 (3) Of the EU
Habitats Directive**



**Comhairle Contae
Dhún na nGall**
Donegal County Council

Community Development & Planning Services

May 2019

TABLE OF CONTENTS

| | | |
|----------|------------------------------------------------------------------------------------------------------------------|-----------|
| 1 | Introduction | 1 |
| 1.1 | BACKGROUND | 1 |
| 1.2 | LEGISLATIVE CONTEXT | 1 |
| 1.2.1 | Habitats Directive and Appropriate Assessment | 1 |
| 1.2.2 | The Process of Appropriate Assessment | 3 |
| 2 | Screening for Appropriate Assessment..... | 5 |
| 2.1 | INTRODUCTION TO SCREENING..... | 5 |
| 2.2 | IS THE PROJECT OR PLAN DIRECTLY CONNECTED WITH OR NECESSARY TO THE MANAGEMENT OF THE NATURA 2000 SITES? | 6 |
| 2.3 | DESCRIPTION OF THE APPLICATION SITE AND ENVIRONS | 6 |
| 2.4 | DESCRIPTION OF THE PROPOSED DEVELOPMENT | 6 |
| 2.4.1 | Other Projects with Potential for In-combination Impacts | 7 |
| 2.5 | IDENTIFICATION OF NATURA 2000 SITES THAT MAY BE AFFECTED | 7 |
| 2.6 | CONSERVATION OBJECTIVES..... | 8 |
| 2.7 | IDENTIFY POTENTIAL EFFECTS ON NATURA 2000 SITES | 10 |
| 2.8 | ASSESSMENT CRITERIA | 10 |
| 2.8.1 | Direct, Indirect or Secondary Impacts | 10 |
| 2.8.2 | Likely Changes to the Site..... | 11 |
| 2.8.3 | Elements of the Project where the Impacts are Likely to be Significant | 12 |
| 3 | Conclusions | 13 |
| | APPENDIX A | |
| | APPENDIX B | |

LIST OF FIGURES

Figure 2.1: Natura 2000 sites (SACs and SPAs).....9

LIST OF TABLES

Table 1.1: Stages in the Process of Habitats Directive Appropriate Assessment 3

Table 2.1: List of Natura 2000 Sites within a 15km buffer of the
proposed Killybegs Town Centre Regeneration Project 8

Table 2.3: Likely Affects on Natura 2000 Sites 11

Table A1: Special Areas of Conservation (SACs) within 15km of the
Proposed Killybegs Town Centre Regeneration Project A1

Table A2: Special Protection Areas (SPAs) within 15km of the Proposed
Killybegs Town Centre Regeneration Project A9

Table B.1: Impact Assessment Screening Matrix for Proposed Killybegs
Town Centre Regeneration Project B1

Table B.2. Threats and Pressures (Codes) B2

LIST OF APPENDICES

APPENDIX A: NATURA 2000 SITES RELEVANT TO THIS APPROPRIATE ASSESSMENT

APPENDIX B: IMPACT ASSESSMENT SCREENING MATRIX FOR PROPOSED KILLYBEGS TOWN CENTRE REGENERATION PROJECT AND NEGATIVE IMPACTS THREATS AND PRESSURES CODES

1 Introduction

1.1 Background

Donegal County Council is proposing to carry out a local authority own development in accordance with the provisions of Part XI of the Planning and Development Act 2000 (as amended) and Part 8 of the Planning and Development Regulations 2001 (as amended) for *inter alia* :

Change of use, extension and modification of Island House to a Tourism Facility and Digital Hub with public amenities and café space; redevelopment of Diamond public car park to a civic space; alterations to road layout and one-way system; provision of new pedestrian crossings.

This document comprises the Appropriate Assessment Screening of the proposed development in accordance with the requirements of Article 6(3) of the EU Habitats Directive (92/443/EEC).

The purpose of the screening exercise is to determine whether the proposed development could have significant effects on the Natura 2000 network of European sites (commonly known as Natura 2000 sites) within the zone of influence of the proposed development (within 15km of the development boundary), either alone or in combination with other plans or projects, and consider whether these impacts are likely to be significant. Natura 2000 sites are protected habitats for flora and fauna of European importance and comprise Special Areas of Conservation (SACs) designated under the EU Habitats Directive (92/43/EEC) and Special Protection Areas (SPAs) designated under the Birds Directive (79/409/EEC).

1.2 Legislative Context

1.2.1 Habitats Directive and Appropriate Assessment

The aim of the EU Habitats Directive (92/443/EEC) is to promote the maintenance of biodiversity, taking account of economic, social, cultural and regional requirements. The Directive recognises that in the European territory of the Member States, natural habitats are continuing to deteriorate and an increasing number of wild species are seriously threatened. In order to ensure the restoration or maintenance of natural habitats and species of Community interest at a favourable conservation status, it is necessary for Member States to designate special areas of conservation in order to create a coherent European ecological network. Criteria for site designation are set out in the Directive. The network of sites is referred to as Natura 2000 and includes SACs (including candidate SACs) and SPAs (including proposed SPAs).

The Natura 2000 network of European sites is comprised of sites of highest biodiversity importance for rare and threatened habitats and species across the EU. SACs are selected for the conservation of habitats listed in Annex I of the Habitats Directive, and for species of animals (other than birds) and plants listed in Annex II. SPAs are selected for the conservation of birds listed in Annex I of the Birds Directive (Directive 2009/147/EC of the European Parliament and of the Council of 30 November 2009 on the conservation of wild birds (codified version of Council Directive 79/409/EEC as amended)) and other regularly occurring migratory birds and their habitats. The annexed habitats and species for which each site has been selected are the qualifying interests of the sites, and the conservation objectives of the site are based on these qualifying interests.

Crucially, the Habitats Directive requires that an AA must be made of any plan or programme that is likely to have a significant effect on the conservation objectives of designated sites i.e. on SACs or

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

SPAs, before any decision can be made to allow that plan or project to proceed. Article 6(3) of the Habitats Directive states that:

"Any plan or project not directly connected with or necessary to the management of the [Natura 2000] site but likely to have a significant effect thereon, either individually or in combination with other plans or projects, shall be subjected to an appropriate assessment of its implications for the site in view of the site's conservation objectives. In light of the conclusions of the assessment of the implications for the site and subject to the provisions of paragraph 4, the competent national authorities shall agree to the plan or project only after having ascertained that it will not adversely affect the integrity of the site concerned and, if appropriate, after having obtained the opinion of the general public."

In the event that an assessment determines that there is a likelihood of an adverse affect, Article 6(4) makes provision for a plan or project to proceed under certain restricted circumstances. Article 6(4) states that:

"If, in spite of a negative assessment of the implications for the site and in the absence of alternative solutions, a plan or project must nevertheless be carried out for imperative reasons of overriding public interest, including those of a social or economic nature, Member States shall take all compensatory measures necessary to ensure that the overall coherence of the Natura 2000 is protected. It shall inform the Commission of the compensatory measures adopted."

Where the site concerned hosts a priority natural habitat type and/or a priority species the only considerations which may be raised are those relating to human health or public safety, to the beneficial consequences of primary importance for the environment or, further to an opinion from the Commission, to other imperative reasons of overriding public interest."

The application of AA in Ireland, as required by the Habitats Directive, is primarily governed by the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. No. 477 of 2011 as amended by S.I. No. 355 of 2015), and the Planning and Development (Amendment) Act 2010 (Part XAB), as amended by the Environment (Miscellaneous Provisions) Act 2011. A range of guidance on carrying out appropriate assessment, and interpretation of relevant legislation is available including *inter alia*:

- Appropriate Assessment of Plans and Projects in Ireland - Guidance for Planning Authorities. Department of Environment, Heritage and Local Government, 2009.
- Managing Natura 2000 Sites: The Provision of Article 6 of the Habitats Directive 92/43/EEC. European Commission, 2000.
- Assessment of Plans and Projects Significantly Affecting Natura 2000 Sites: Methodological Guidance on the Provisions of Article 6 (3) and (4) of the Habitats Directive 92/43/EEC. European Commission, 2002.
- Guidance Document on Article 6 (4) of the 'Habitats Directive' 92/43/EEC. Clarification of the Concepts of Alternative Solutions, Imperative Reasons of Overriding Public Interest, Compensatory Measures, Overall Coherence. Opinion of the European Commission. European Commission, 2007 / 2012.
- Nature and biodiversity cases: Ruling of the European Court of Justice. European Commission. 2006.
- *Habitats Directive and environmental assessment of plans and projects*. García Ureta, A. Journal for European Environmental and Planning Law 2, 84-96, 2007.
- Appropriate Assessment under Article 6 of the Habitats Directive: Guidance for Planning Authorities. Circular NPW 1/10 & PSSP 2/10.
- Compliance Conditions in respect of Developments requiring (1) Environmental Impact Assessment (EIA); or (2) having potential impacts on Natura 2000 sites. Circular letter PD 2/07, NPWS 1/07
- *Compliance of Existing Land Use Plans with the EU Habitats Directive*. Department of Environment, Heritage and Local Government (2011) Circular Letter PSSP 5/2011.

1.2.2 The Process of Appropriate Assessment

While there is no prescribed method for undertaking Appropriate Assessment (AA), or form or content for reporting, methodological guidance promotes a four-stage process to complete the AA. The requirements for individual stages are summarised in Table 1.1. An important aspect of the AA process is that the outcome at each successive stage determines whether a further stage in the process is required. Stages 1 and 2 relate to Article 6(3) of the Habitats Directive and are concerned with the strict protection of sites; Stages 3 and 4 relate to Article 6(4) which is the procedure for allowing derogation from this strict protection in certain restricted circumstances. Ultimately the proposed development may only be carried out if the AA process reaches completion and has ascertained beyond reasonable scientific doubt that it shall not adversely affect the integrity of a European site, or in the absence of alternative solutions, imperative reasons of overriding public interest (IROPI) can be established as required under Section 177W, Part XAB, Planning and Development Act 2000 (as amended). In the latter scenario compensatory measures are required to offset any damage to the Natura 2000 network of European sites.

Table 1.1: Stages in the Process of Habitats Directive Appropriate Assessment

| Stage | Task |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <p>Screening</p> <p>Screening is the process that addresses and records the reasoning and conclusions in relation to the first two tests of Article 6(3): i) whether a plan or project is directly connected to or necessary for the management of the site, and ii) whether a plan or project, alone or in combination with other plans and projects, is likely to have significant effects on a Natura 2000 site in view of its conservation objectives. If the effects are deemed to be significant, potentially significant, or uncertain, or if the screening process becomes overly complicated, then the process must proceed to Stage 2 (AA). Screening should be undertaken without the inclusion of mitigation, unless potential impacts clearly can be avoided through the modification or redesign of the plan or project, in which case the screening process is repeated on the altered plan. The greatest level of evidence and justification will be needed in circumstances when the process ends at screening stage on grounds of no impact.</p> |
| 2 | <p>Appropriate Assessment</p> <p>This stage considers whether the plan or project, alone or in combination with other projects or plans, will have adverse effects on the integrity of a Natura 2000 site, and includes any mitigation measures necessary to avoid, reduce or offset negative effects. The proponent of the plan or project will be required to submit a Natura Impact Report/Natura Impact Statement, i.e. the report of a targeted professional scientific examination of the plan or project and the relevant Natura 2000 sites, to identify and characterize any possible implications for the site in view of the site's conservation objectives, taking account of in combination effects. This should provide information to enable the competent authority to carry out the appropriate assessment. If the assessment is negative, i.e. adverse effects on the integrity of a site cannot be excluded, then the process must proceed to Stage 4, or the plan or project should be abandoned.</p> |
| 3 | <p>Alternative Solutions</p> <p>This stage examines any alternative solutions or options that could enable the plan or project to proceed without adverse effects on the integrity of a Natura 2000 site. The process must return to Stage 2 as alternatives will require appropriate assessment in order to proceed. Demonstrating that all reasonable alternatives have been considered and assessed, and that the least damaging option has been selected, is necessary to progress to Stage 4.</p> |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Stage | Task |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4 | <p>Imperative Reasons of Overriding Public Interest (IROPI)/Derogation</p> <p>Stage 4 is the main derogation process of Article 6(4) which examines whether there are imperative reasons of overriding public interest (IROPI) for allowing a plan or project that will have adverse effects on the integrity of a Natura 2000 site to proceed in cases where it has been established that no less damaging alternative solution exists.</p> <p>The extra protection measures for Annex I priority habitats come into effect when making the IROPI case. Compensatory measures must be proposed and assessed. The Commission must be informed of the compensatory measures. Compensatory measures must be practical, implementable, likely to succeed, proportionate and enforceable, and they must be approved by the Minister.</p> |

2 Screening for Appropriate Assessment

2.1 Introduction to Screening

This screening for AA, or Stage 1 of AA, has been undertaken in accordance with and having regard to the following:

- Article 6 of the Habitats Directive 92/43/EEC.
- DECLG Guidelines for Planning Authorities entitled 'Appropriate Assessment of Plans and Projects in Ireland', (Department of Environment, Heritage and Local Government, 2010 revision).
- Appropriate Assessment under Article 6 of the Habitats Directive: Guidance for Planning Authorities. Circular NPWS 1/10 & PSSP 2/10.
- Circular letter PD 2/07, NPWS 1/07 & PSSP 5 2011.
- Assessment of Plans and Projects Significantly Affecting Natura 2000 Sites: Methodological Guidance on the Provisions of Article 6 (3) and 6 (4) of the Habitats Directive 92/43/EEC, European Commission, 2001.
- Guidance Document on Article 6 (4) of the 'Habitats Directive' 92/43/EEC. Clarification of the Concepts of Alternative Solutions, Imperative Reasons of Overriding Public Interest, Compensatory Measures, Overall Coherence. Opinion of the European Commission (European Commission, January 2007).

This stage of the process identifies any likely significant affects to European Sites from a project or plan, either alone or in combination with other projects or plans. Screening determines whether appropriate assessment is necessary by examining:

- Whether a plan or project is directly connected to or necessary for the management of the site; and
- Whether a plan or project, alone or in combination with other plans and projects, is likely to have significant effects on a European site in view of its conservation objectives.

The European Commissions' Methodological Guidance (listed above) outlines four sub-steps within the screening exercise as follows:

1. Determining whether the project or plan is directly connected with or necessary to the management of the site;
2. Describing the project or plan and the description and characterisation of other projects or plans that in combination have the potential for having significant effects on the Natura 2000 sites;
3. Identifying the potential effects on the Natura 2000 sites;
4. Assessing the significance of any affects on the Natura 2000 sites.

If the effects are deemed to be significant, potentially significant, or uncertain, or if the screening process becomes overly complicated, then the process must proceed to Stage 2 (AA). Screening should be undertaken without the inclusion of mitigation, unless potential impacts clearly can be avoided through the modification or redesign of the plan or project, in which case the screening process is repeated on the altered development. The greatest level of evidence and justification will be needed in circumstances when the process ends at screening stage on grounds of no impact.

2.2 Is the Project or Plan Directly Connected with or Necessary to the Management of the Natura 2000 Sites?

The Methodological Guidance outlines that for a project or plan to be 'directly connected with or necessary to the management of the site', the management component must refer to management measures that are for conservation purposes, and the 'directly' element refers to measures that are solely conceived for the conservation management of a site and not direct or indirect consequences of other activities.

It can be concluded at the outset that the project is not directly connected with or necessary to the management of the Natura 2000 sites in the County.

2.3 Description of the Application Site and Environs

The subject site is located in the Town Centre 'Diamond' and Harbour area of Killybegs in the area of the Old Pier. The site is located within the designated Town Centre in the Killybegs Local Area Plan, 2018-2024.

The proposed tourism and digital facility is located in Island House. Island House is an existing two-storey building, re-constructed by the Commissioner for Public Works in the late 40's/early 50's. It was formally used as an Ice House in connection with the original (old) pier which it adjoins in its harbour location. More recently the premises was occupied as a retail outlet (Harbour Stores) and as a hairdressers. The building is serviced by mains services.

The Civic Space is presently occupied by an existing car park. It is in a town centre location with many existing business, retailers and services provided in the adjoining streets and buildings. It is presently severed from Island House and the Harbour area by the public road. Indeed the public road and associated car parking (both regulated and unregulated) currently sever the Town Centre from the Harbour area.

2.4 Description of the Proposed Development

The proposed development comprises the following:

- Change of use, extension and modification of Island House to provide a Tourist Information and reception centre, digital hub, public amenities, café space, and all associated site development works. The extension is proposed at the first and second floor levels and will include viewing platform.
- Re-development of the existing public car park at the Diamond to provide for a civic space.
- Alterations to road layout and provision of pedestrian crossing infrastructure and coach set down area on Regional Road R-263,
- Alterations to road layout and existing one-way system on Main St (L-1355) and L-1275-2 together with pedestrian crossing infrastructure, and new parking arrangements.

Associated ancillary works to include site drainage, connection to public water supply and other services, landscaping, appropriate boundary treatment, development related signage, connection & discharge to the public sewerage network.

All associated ancillary site works shall be located within the townland of CORPORATION, Killybegs in the Donegal Municipal District.

2.4.1 Other Projects with Potential for In-combination Impacts

Where a plan or project is likely to have a significant effect on a European site, either alone or in combination with other plans or projects it is subject to AA. The in combination test should include completed, approved but uncompleted, or proposed (but not yet approved) plans or projects if sufficient detail is available for assessment. The consideration of cumulative effects includes the sum total of influences affecting the condition of Natura sites.

Cumulative effects are perhaps most obvious in the case of space crowding of activities that taken in isolation would be sub-threshold in terms of significance in affecting Natura sites. However, long delays between cause and effect can result in time lags for in combination effects to materialise in some instances (e.g. changes in flow regimes due to forestry or drainage). Some in combination effects may be synergistic (e.g. lower flows combined with increased pollutant loads). Other effects can be secondary in nature (e.g. windfarm road access resulting in recreational disturbance of previously inaccessible areas). In all cases a precautionary approach is taken in the assessment.

There are no known plans or projects, proposed, consented or under construction which may give rise to in combination impacts on the conservation status or integrity of Natura 2000 sites. However the project does sit in the environment of a working Harbour and therefore the question of in combination effects or impacts associated with the proposed development and the working Harbour requires consideration. In this regard, consultations with the DAFM who are owners of Island House, have established that the project must have no material impact on the safety and activities of the existing working Harbour. Accordingly, the re-development of Island House has worked within the constraints of the existing building footprint and does not extend or materially change its physical relationship with the working Harbour. In addition there will be no relationship between the tourism and digital users of Island House and the workings of the Harbour. The re-development works to Island House consist primarily of a change of use to Tourism and office based uses with modest upper floor glass extension proposals together with modifications of existing fenestration. Neither the works nor the uses give rise to the likelihood of significant adverse in combination impacts on Natura 2000 sites as a result of existing Harbour operations (unchanged) and the proposed development.

Accordingly it can be concluded that no significant adverse in combination impacts on the conservation status or integrity of Natura 2000 sites are likely to arise as a result of the Harbour and the proposed development.

2.5 Identification of Natura 2000 sites that may be affected

Best practice typically assumes that the zone of influence of a plan or project extends 15km beyond the area covered by the plan or project. This is in line with DECLG Guidelines (2010) and ensures that all potentially affected Natura 2000 sites are included in the screening process. All Natura sites occurring in the zone of influence of the proposed Killybegs Town Centre Regeneration Project (i.e. including the 15km buffer zone) are listed in Table A1, Appendix A: Natura 2000 Sites Relevant to this Appropriate Assessment – along with their qualifying interests, conservation objectives and threats to site integrity.

The richly diverse environment has led to the designation of a large number of European, National and locally important sites across the County. There are a total of 73 Natura 2000 sites (both terrestrial and marine) within County Donegal comprising 47 Special Areas of Conservation (SAC) and 26 Special Protection Areas (SPA).

There are a total of 10 Natura 2000 sites located within the zone of influence of the proposed development (a 15km buffer area) as listed in Table 2.1 and illustrated on Figure 2.1. These Natura 2000 sites comprise 6 SACs and 4 SPAs, none of which are located within the application site.

Table 2.1: List of Natura 2000 Sites within a 15km buffer of the proposed Killybegs Town Centre Regeneration Project

| Site Type | Site Code | Site Name | Located within the proposed development boundary | Located within a 15km radius of the proposed development | Distance of the Natura site from the proposed development |
|-----------|-----------|---------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|
| SAC | 000191 | St. John's Point SAC | No | Yes | c. 4.7km |
| SAC | 000190 | Slieve Tooley/Tormore Island/Loughros Beg Bay SAC | No | Yes | c. 10.4km |
| SAC | 000189 | Slieve League SAC | No | Yes | c. 11.9km |
| SAC | 000165 | Lough Nillan Bog SAC | No | Yes | c. 12Km |
| SAC | 000197 | West of Ardara/Maas Road SAC | No | Yes | c. 13.9km |
| SAC | 000133 | Donegal Bay (Murvagh) SAC | No | Yes | c. 14.8km |
| SPA | 004115 | Inishduff SPA | No | Yes | c. 7.5km |
| SPA | 004150 | West Donegal Coast SPA | No | Yes | c. 8.5km |
| SPA | 004110 | Lough Nillan Bog SPA | No | Yes | c. 12km |
| SPA | 004151 | Donegal Bay SPA | No | Yes | c.9.95km |

2.6 Conservation Objectives

The overall aim of the Habitats Directive is to maintain or restore the favourable conservation status of habitats and species of community interest listed in the Habitats and Birds Directives. Site-specific detailed conservation objectives have been developed for SACs and SPAs, and aim to define favourable conservation conditions for a particular habitat or species at that site.

Favourable conservation status of a habitat is achieved when:

- Its natural range, and area it covers within that range, are stable or increasing, and
- The specific structure and functions which are necessary for its long- term maintenance exist and are likely to continue to exist for the foreseeable future, and
- The conservation status of its typical species is favourable.

The favourable conservation status of a species is achieved when:

- Population dynamics data on the species concerned indicate that it is maintaining itself on a long-term basis as a viable component of its natural habitats, and
- The natural range of the species is neither being reduced nor is likely to be reduced for the foreseeable future, and
- There is, and will probably continue to be, a sufficiently large habitat to maintain its populations on a long-term basis.

2.7 Identify Potential effects on Natura 2000 sites

The potential impacts from the proposed development are assessed in the context of a number of factors that could, in the absence of mitigation, affect the integrity of Natura sites. These include direct impacts arising from development, and indirect impacts associated with resource demand and emissions. Such impacts may result from:

- Land take for infrastructural developments
- Creating barriers or severing links of mobile species
- Air emissions
- Water demand/wastewater treatment
- Additional drainage works and changes in landuse
- Disturbance of sensitive habitats or species due to tourism and recreation
- Landscape management, development and urbanisation
- Interference with mitigation measures of other plans

Impact can manifest itself as:

- Habitat loss within Natura sites
- Network fragmentation through loss of linking ecological corridors
- Species disturbance in terms of feeding, breeding, migration or roosting
- Reduction in species density, population size or reproductive capacity
- Changes in available water resource – quality and quantity
- Changes in soil properties

2.8 Assessment Criteria

In order to assess any potential impact of the implementation of the proposed Killybegs Town Centre Regeneration Project on the relevant Natura 2000 sites identified in Section 2.5 above, an impact screening matrix was developed to assess the proposed development and to determine the likelihood of potential significant impact, both in-situ and ex-situ. This screening matrix is presented in Appendix B.

2.8.1 Direct, Indirect or Secondary Impacts

It is concluded from Table 2.1 above that none of the Natura 2000 sites lie within the boundaries of the proposed development area; therefore, no direct impacts will occur through landtake or fragmentation of habitats.

The closest SAC to the subject site is St. John's Point SAC, which is approximately 4.7km to the south of the site. The other identified SACs: are all located between 10-15 kms from the subject site.

The closest SPA to the subject site is Inishduff SPA, which is approximately 7.5km from the site. The remaining SPAs) are all located between 8-12kms from the subject site.

It is noted that St. Johns Point SAC is located in closest proximity to the subject site, albeit at a significant remove from the subject site, beyond the existing infrastructure of the harbour and in the open waters of Donegal Bay. Given the fact that the subject site is not immediately adjacent, adjoining or in close proximity to the environment of St. John's Point SAC, is located in an existing urban environment and within an existing Town Centre and working harbour it is not anticipated that any construction related activity would impact upon this SAC. This is particularly as the project consists of a change of use of an existing building, with upper level extensions and modifications and no subterranean works and the redevelopment of a town centre car park which is already an urban space. The SAC is physically separated from the application site by the existing harbour infrastructure and the open waters of Donegal Bay. In addition, best practice construction techniques will be adhered to for the proposed development to prevent any accidental pollution of waters from either hydrocarbons or

soiled/sediment laden waters or concrete products. These construction techniques will include the implementation of sediment traps & silt screens in drains, an appropriate location for the site compound at a remove from proximity to waters and/or, drainage lines or pathways to same and the presence of on-site spill kits. In addition bio-security measures will be in place to ensure that the limited soils to be imported in the landscaping of the civic space are screened to prevent the introduction of invasive species. These steps will be introduced as best practice measures and not as mitigation measures and will eliminate any risk of accidental pollution of waters. However given the context of the site and nature of the works proposed no risk of adverse effects or impacts are predicted.

Inishduff SPA is of ornithological importance for breeding sea birds (Shag, Great Black-backed Gull, Herring Gull, Storm Petrel, Black Guillemot and Eider). Inishduff is a small, uninhabited Island and the area protected concerns the Island and surrounding seas to a distance of 200m. Although 2km off shore from the south Donegal Coast and approx. 7.5km from the site of the proposed development (as the crow flies), the actual separation distance via the Killybges Harbour and waters is much more, and the remove from the subject site is significant. Given the nature of the proposed development and its urban infill location, it will not result in any significant noise emanation activities. Any disturbance to bird species as a result of the proposed development is considered extremely unlikely, and therefore, no significant potential impacts are anticipated in relation to this SPA or other SPAs within a wider 15km catchment of the proposed development.

Similarly, the remaining SACs within the 15km catchment area of the proposed development are considered to be a sufficient distance from the proposed development site. It is therefore not anticipated that there will be any likely significant impacts on these sites.

It is therefore concluded that the impacts of the construction and operation of the proposed development on the ecology of the area will not be significant.

2.8.2 Likely Changes to the Site

The likely changes that will arise from the proposed development have been examined in the context of a number of factors that could potentially affect the integrity of the identified Natura 2000 Sites. Overall, it has been found that the implementation of the proposed development will not affect the integrity of Natura 2000 Sites (see Table 2.3).

Table 2.3: Likely Affects on Natura 2000 Sites

| Site Name | Habitat Loss within Natura sites | Disturbance to Key Species | Habitats or Species Fragmentation | Reduction in Species Density | Changes in Key indicators of Conservation Value (Water Quality etc.) | Changes in Soil Properties |
|---------------------------------------------------|----------------------------------|----------------------------|-----------------------------------|------------------------------|----------------------------------------------------------------------|----------------------------|
| St. John’s Point SAC | None | None | None | None | None | None |
| Slieve Tooley/Tormore Island/Loughros Beg Bay SAC | None | None | None | None | None | None |
| Slieve League SAC | None | None | None | None | None | None |
| Lough Nillan Bog SAC | None | None | None | None | None | None |
| West of Ardara/Maas Road SAC | None | None | None | None | None | None |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site Name | Habitat Loss within Natura sites | Disturbance to Key Species | Habitats or Species Fragmentation | Reduction in Species Density | Changes in Key indicators of Conservation Value (Water Quality etc.) | Changes in Soil Properties |
|---------------------------|-----------------------------------------|-----------------------------------|------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------|-----------------------------------|
| Donegal Bay (Murvagh) SAC | None | None | None | None | None | None |
| Inishduff SPA | None | None | None | None | None | None |
| West Donegal Coast SPA | None | None | None | None | None | None |
| Lough Nillan Bog SPA | None | None | None | None | None | None |
| Donegal Bay SPA | None | None | None | None | None | None |

2.8.3 Elements of the Project where the Impacts are Likely to be Significant

No elements of the proposed Killybegs Town Centre Regeneration Project are likely to cause significant impacts.

3 Conclusions

Stage 1 Screening for Appropriate Assessment (AA) of the proposed Killybegs Town Centre Regeneration Project has been carried out (see Table B.1 in Appendix B of this report). The purpose of the screening exercise is to determine whether the proposed development could have significant effects on the Natura 2000 network of European sites within the zone of influence of the proposed development, either alone or in combination with other plans or projects, and consider whether these impacts are likely to be significant.

It has been determined that an appropriate assessment of the proposed development is not required as it can be excluded on the basis of objective scientific information that the proposed development individually or in combination with other plans/projects will have a significant effect on a European Site. This determination is made in view of the conservation objectives of the habitats or species for which these sites (considered in this report) have been designated.

Regeneration & Development Team
May 2019

APPENDIX A

**Natura 2000 Sites Relevant to this Appropriate
Assessment**

Table A1: Special Areas of Conservation (SACs) within 15km of the Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 000191 | St. Johns Point SAC | <p>1160 Large shallow inlets and bays</p> <p>1170 Reefs</p> <p>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)</p> <p>6410 OROQLD meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)</p> <p>7230 Alkaline fens</p> <p>8240 Limestone pavements</p> <p>8330 Submerged or partially submerged sea caves</p> | <p>To maintain the favourable conservation condition of Large shallow inlets and bays in St. John's Point SAC</p> <p>To maintain the favourable conservation condition of Reefs in St. John's Point SAC,</p> <p>To restore the favourable conservation condition of Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) in St. John's Point SAC</p> <p>To restore the favourable conservation condition of Moliniameadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae) in St. John's Point SAC</p> <p>To maintain the favourable conservation condition of Alkaline fens in St. John's Point SAC</p> <p>To maintain the favourable conservation condition of Limestone pavements in St. John's Point SAC</p> <p>To maintain the favourable conservation condition of Submerged or partially submerged sea caves in St. John's Point SAC</p> | <p>G01.02</p> <p>G01.07</p> <p>G05.01</p> <p>G01.03.02</p> <p>F04.02.02</p> |
| 000190 | Slieve Tooley/Tormore Island/Loughros | <p>1014 Narrow-mouthed Whorl Snail Vertigo angustior</p> <p>1230 Vegetated sea cliffs of the</p> | <p>To maintain the favourable conservation condition of Vegetated sea cliffs of the Atlantic and Baltic coasts in Slieve</p> | <p>E03.01</p> <p>C01.03.02</p> |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| | Beg Bay SAC | Atlantic and Baltic coasts 1355 Otter Lutra lutra 1364 Grey Seal Halichoerus grypus 2110 Embryonic shifting dunes 2120 Shifting dunes along the shoreline with (white dunes) 2140 Decalcified fixed dunes 2150 Atlantic decalcified fixed dunes (Calluno-Ulicetea) 4060 Alpine and Boreal heaths 7130 Blanket bogs (* if active bog) | Tooley/Tormore Island/Loughros Beg Bay SAC, To maintain the favourable conservation condition of Embryonic shifting dunes in Slieve Tooley/Tormore Island/Loughros Beg Bay SAC To restore the favourable conservation condition of Shifting dunes along the shoreline with Ammophila arenaria (white dunes) in Slieve Tooley/Tormore Island/Loughros Beg Bay SAC To maintain the favourable conservation condition of Decalcified fixed dunes with Empetrum nigrum in Slieve Tooley/Tormore Island/Loughros Beg Bay SAC To maintain the favourable conservation condition of Atlantic decalcified fixed dunes (Calluno-Ulicetea) in Slieve Tooley/Tormore Island/Loughros Beg Bay SAC, To restore the favourable conservation condition of Alpine and Boreal heaths in Slieve Tooley/Tormore Island/Loughros Beg Bay SAC To restore the favourable conservation condition of Blanket bogs in Slieve Tooley/Tormore Island/Loughros Beg Bay SAC To maintain the favourable conservation condition of Narrow-mouthed Whorl Snail in Slieve Tooley/Tormore Island/Loughros | G05.09 G01.03.02 A04.03 C01.01.01 A02.02 A04.01.02 A05.02 J01.01 C01.03.01 |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | <p>Beg Bay SAC</p> <p>To maintain the favourable conservation condition of Otter in Slieve Tooy/Tormore Island/Loughros Beg Bay SAC</p> <p>To maintain the favourable conservation condition of Grey Seal in Slieve Tooy/Tormore Island/Loughros Beg Bay SAC</p> | |
| 000189 | Slieve League SAC | <p>1170 Reefs</p> <p>1230 Vegetated sea cliffs of the Atlantic and Baltic coasts</p> <p>4010 Northern Atlantic wet heaths</p> <p>4060 Alpine and Boreal heaths</p> <p>7130 Blanket bogs (* if active bog)</p> <p>8210 Calcareous rocky slopes with chasmophytic vegetation</p> <p>8220 Siliceous rocky slopes with chasmophytic vegetation</p> | <p>To maintain the favourable conservation condition of Reefs in Slieve League SAC</p> <p>To maintain the favourable conservation condition of Vegetated sea cliffs of the Atlantic and Baltic coasts in Slieve League SAC,</p> <p>To restore the favourable conservation condition of Northern Atlantic wet heaths with Erica tetralix in Slieve League SAC</p> <p>To restore the favourable conservation condition of Alpine and Boreal heaths in Slieve League SAC</p> <p>To restore the favourable conservation condition of Blanket bogs in Slieve League SAC</p> <p>To maintain the favourable conservation condition of Calcareous rocky slopes with chasmophytic vegetation in Slieve League SAC</p> <p>To maintain the favourable conservation condition of Siliceous rocky slopes with chasmophytic vegetation in Slieve</p> | <p>G01.04.01</p> <p>C01.03.01</p> <p>G01.02</p> <p>G05.09</p> <p>F02.01.01</p> <p>A05.02</p> <p>A04.01.02</p> <p>D01.03I01</p> <p>E03.01</p> <p>G05.01</p> <p>C01.03.02</p> <p>E03.03</p> |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | League SAC | |
| 000165 | Lough Nillan Bog SAC | 3110 Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>) 7130 Blanket bogs (* if active bog) | To maintain the favourable conservation condition of Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>) in Lough Nillan Bog (Carrickatlieve) SAC To restore the favourable conservation condition of Blanket bogs in Lough Nillan Bog (Carrickatlieve) SAC | C01.03.02 E03.01 K02.01 M02.03 G01.03.02 A04.01.02 C01.03.01 E03.03 G05.09 I01 |
| 000197 | West of Ardara/Maas Road SAC | 1013 Geyer's Whorl Snail <i>Vertigo geyeri</i> 1029 Freshwater Pearl Mussel <i>Margaritifera margaritifera</i> 1065 Marsh Fritillary <i>Euphydryas aurinia</i> 1106 Salmon <i>Salmo salar</i> 1130 Estuaries 1140 Mudflats and sandflats not covered by seawater at low tide 1160 Large shallow inlets and bays 1330 Atlantic salt meadows (<i>Glaucopuccinellietalia maritima</i>) 1355 Otter <i>Lutra lutra</i> 1365 Seal <i>Phoca vitulina</i> 1395 Petalwort <i>Petalophyllum ralfsii</i> | To maintain the favourable conservation condition of Estuaries in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Mudflats and sandflats not covered by seawater at low tide in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Large shallow inlets and bays in West of Ardara/Maas Road SAC To restore the favourable conservation condition of Atlantic salt meadows (<i>Glaucopuccinellietalia maritima</i>) in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Mediterranean salt meadows (<i>Juncetalia maritimi</i>) in West of Ardara/Maas Road SAC | G05.01 H01.05 A04.01.05 K01.01 E03.03 A03.03 J02.15 A04.03 D01.02 G05.09 J01.01 E05 D01.01 F02.03 B02.02 |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| | | 1410 Mediterranean salt meadows (Juncetalia maritimi) 1833 Slender Naiad Najas flexilis 2120 Shifting dunes along the shoreline with (white dunes) 2130 Fixed coastal dunes with herbaceous vegetation (grey dunes) 2140 Decalcified fixed dunes 2150 Atlantic decalcified fixed dunes (Calluno-Ulicetea) 2170 Dunes with (Salicion arenariae) 2190 Humid dune slacks 21A0 Machairs (* in Ireland) 3110 Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae) 4010 Northern Atlantic wet heath 4030 European dry heaths 4060 Alpine and Boreal heaths 5130 formations on heaths or calcareous grasslands 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) 6410 meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae) 6510 Lowland hay meadows 7130 Blanket bogs (* if active bog) 7150 Depressions on peat substrates | To maintain the favourable conservation condition of Shifting dunes along the shoreline with Ammophila arenaria ('white dunes') in West of Ardara/Maas Road SAC To restore the favourable conservation condition of Fixed coastal dunes with herbaceous vegetation ('grey dunes') in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Decalcified fixed dunes with Empetrum nigrum in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Atlantic decalcified fixed dunes (Calluno-Ulicetea) in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Dunes with Salix repens ssp. argentea (Salicion arenariae) in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Humid dune slacks in West of Ardara/Maas Road SAC To restore the favourable conservation condition of Machairs in West of Ardara/Maas Road SAC To maintain the favourable conservation condition of Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae) in West of Ardara/Maas Road SAC | A08 C01.01.02 G01.03.02 C01.03.01 C01.03.02 F06 |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|-----------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| | | <p>of the Rhynchosporion 7230 Alkaline fens</p> | <p>To restore the favourable conservation condition of Northern Atlantic wet heaths with <i>Erica tetralix</i> in West of Ardara/Maas Road SAC</p> <p>To restore the favourable conservation condition of European dry heaths in West of Ardara/Maas Road SAC</p> <p>To restore the favourable conservation condition of Alpine and Boreal heaths in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of <i>Juniperus communis</i> formations on heaths or calcareous grasslands in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco Brometalia</i>) in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>) in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Lowland hay meadows (<i>Alopecurus pratensis</i>, <i>Sanguisorba officinalis</i>) in West of Ardara/Maas Road SAC,</p> <p>To restore the favourable conservation condition of Blanket bogs in West of</p> | |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|-----------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| | | | <p>Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Depressions on peat substrates of the Rhynchosporion in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Alkaline fens in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Geyer's Whorl Snail in West of Ardara/Maas Road SAC</p> <p>To restore the favourable conservation condition of Freshwater Pearl Mussel in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Marsh Fritillary in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Atlantic Salmon in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Otter in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Harbour Seal in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Petalwort in West of Ardara/Maas Road SAC</p> <p>To maintain the favourable conservation condition of Slender Naiad in West of Ardara/Maas Road SAC</p> | |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Negative Impacts (Threats and Pressure Code)* |
|-----------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 000133 | Donegal Bay (Murvagh) SAC | <p>1140 Mudflats and sandflats not covered by seawater at low tide</p> <p>1365 Harbour Seal <i>Phoca vitulina</i></p> <p>2130 *Fixed coastal dunes with herbaceous vegetation ('grey dunes')</p> <p>2190 Humid dune slacks</p> | <p>To maintain the favourable conservation condition of Mudflats and sandflats not covered by seawater at low tide in Donegal Bay (Murvagh) SAC</p> <p>To maintain the favourable conservation condition of Harbour Seal in Donegal Bay (Murvagh) SAC</p> <p>To restore the favourable conservation condition of Fixed coastal dunes with herbaceous vegetation (grey dunes) in Donegal Bay (Murvagh) SAC,</p> <p>To restore the favourable conservation condition of Fixed coastal dunes with herbaceous vegetation (grey dunes) in Donegal Bay (Murvagh) SAC</p> <p>To restore the favourable conservation condition of Humid dune slacks in Donegal Bay (Murvagh) SAC</p> | <p>F01.01</p> <p>J02.01.03</p> <p>G01</p> <p>K01.01</p> <p>C01.01.02</p> <p>G02.08</p> <p>G05.01</p> <p>A04.01.01</p> |

Table A2: Special Protection Areas (SPAs) within 15km of the Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Threats to site integrity |
|-----------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 004115 | Inishduff SPA | Shag (<i>Phalacrocorax aristotelis</i>) [A018] | Objective: To maintain or restore the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA: Bird Code Common Name Scientific Name: A018 Shag <i>Phalacrocorax aristotelis</i> | Xi |
| 004150 | West Donegal Coast SPA | Fulmar (<i>Fulmarus glacialis</i>) [A009] Cormorant (<i>Phalacrocorax carbo</i>) [A017] Shag (<i>Phalacrocorax aristotelis</i>) [A018] Peregrine (<i>Falco peregrinus</i>) [A103] Herring Gull (<i>Larus argentatus</i>) [A184] Kittiwake (<i>Rissa tridactyla</i>) [A188] Razorbill (<i>Alca torda</i>) [A200] Chough (<i>Pyrhocorax pyrrhocorax</i>) [A346] | Objective: To maintain or restore the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA: Bird Code Common Name Scientific Name A009 Fulmar <i>Fulmarus glacialis</i> A017 Cormorant <i>Phalacrocorax carbo</i> A018 Shag <i>Phalacrocorax aristotelis</i> A103 Peregrine <i>Falco peregrinus</i> A184 Herring Gull <i>Larus argentatus</i> A188 Kittiwake <i>Rissa tridactyla</i> A200 Razorbill <i>Alca torda</i> A346 Chough <i>Pyrhocorax pyrrhocora</i> | K03.01 K03.01 A08 K03.04 K03.04 |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Regeneration Project

| Site code | Site name | Qualifying interests | Conservation objectives | Threats to site integrity |
|-----------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 004110 | Lough Nillan Bog SPA | <p>Merlin (<i>Falco columbarius</i>) [A098]</p> <p>Golden Plover (<i>Pluvialis apricaria</i>) [A140]</p> <p>Greenland White-fronted Goose (<i>Anser albifrons flavirostris</i>) [A395]</p> <p>Dunlin (<i>Calidris alpina schinzii</i>) [A466]</p> | <p>Objective: To maintain or restore the favourable conservation condition of the bird species listed as Special Conservation Interests for this SPA: Bird Code Common Name Scientific Name</p> <p>A098 Merlin <i>Falco columbarius</i></p> <p>A140 Golden Plover <i>Pluvialis apricaria</i></p> <p>A395 Greenland White-fronted Goose <i>Anser albifrons flavirostris</i></p> <p>A466 Dunlin <i>Calidris alpina schinzi</i></p> | <p>A04</p> <p>D01.01</p> <p>D01.02</p> <p>C01.03.01</p> <p>C01.03.02</p> <p>E01.03</p> <p>D01.02</p> <p>C01.03.01</p> <p>A04</p> <p>B</p> <p>C01.03.02</p> |
| 004151 | Donegal Bay SPA | <p>Great Northern Diver (<i>Gavia immer</i>) [A003]</p> <p>Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) [A046]</p> <p>Common Scoter (<i>Melanitta nigra</i>) [A065]</p> <p>Sanderling (<i>Calidris alba</i>) [A144]</p> <p>Wetland and Waterbirds [A999]</p> | <p>To maintain the favourable conservation condition of Light-bellied Brent Goose in Donegal Bay SPA</p> <p>To maintain the favourable conservation condition of Great Northern Diver in Donegal Bay SPA,</p> <p>To maintain the favourable conservation condition of Common Scoter in Donegal Bay SPA</p> <p>To maintain the favourable conservation condition of Sanderling in Donegal Bay SPA</p> <p>To maintain the favourable conservation condition of the wetland habitat in Donegal Bay SPA as a resource for the regularly-occurring migratory waterbirds that utilise it</p> | <p>E01.01</p> <p>G01.02</p> <p>D01.02</p> <p>G01.01</p> <p>F01</p> <p>A04</p> <p>A04</p> |

APPENDIX B

**Impact Assessment Screening Matrix for Proposed
Killybegs Town Centre Regeneration Project and
Negative Impacts Threats and Pressures Codes**

Table B.1: Impact Assessment Screening Matrix for Proposed Killybegs Town Centre Regeneration Project

| Proposed development | Natura 2000 Sites That May Be Affected | Potential Impact of Proposed development | Risk of Significant Impact | Potential of In-Combination Impacts | Risk of Significant In-Combination Impacts' | Appropriate Assessment Screening |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Change of use, extension and modification of Island House to provide a Tourist Information and reception centre, digital hub, public amenities, café space, and all associated site development works. The extension is proposed at the first and second floor levels and will include viewing platform. | Potentially all sites within the zone of influence of the proposed development. | Unlikely given the nature of the proposed development, its urban infill location and significant remove from a Natura 2000 site. | Unlikely given the nature of the proposed development, its urban infill location and significant remove from a Natura 2000 site. | Unlikely | Unlikely | No potential for impacts on Natura 2000 sites to arise due to this proposed development. The proposed development would therefore not necessitate Stage 2 AA. |
| Re-development of the existing public car park at the Diamond to provide for a civic space. Alterations to road layout and provision of pedestrian crossing infrastructure and coach set down area on Regional Road R-263. Alterations to road layout and existing one-way system on Main St (L- | Potentially all sites within the zone of influence of the proposed development. | Unlikely given the nature of the proposed development, its urban infill location and significant remove from a Natura 2000 site. | Unlikely given the nature of the proposed development, its urban infill location and significant remove from a Natura 2000 site. | Unlikely | Unlikely | No potential for impacts on Natura 2000 sites to arise due to this proposed development. The proposed development would therefore not necessitate Stage 2 AA. |

| Proposed development | Natura 2000 Sites That May Be Affected | Potential Impact of Proposed development | Risk of Significant Impact | Potential of In-Combination Impacts | Risk of Significant In-Combination Impacts' | Appropriate Assessment Screening |
|---------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------|----------------------------|-------------------------------------|---------------------------------------------|----------------------------------|
| 1355) and L-1275-2 together with pedestrian crossing infrastructure, and new parking arrangements | | | | | | |

Table B.2: Threats and Pressures Codes (Proposed Killybegs Town Centre Regeneration Project)

Code Description – *(Source:www.biodiversity.eionet.euopra.eu)*

| | |
|--------|---------------------------------------|
| A | Agriculture |
| A01 | Agricultural cultivation |
| A02 | Modification of cultivation practices |
| A02.01 | agricultural intensification |
| A02.02 | crop change |
| A02.03 | grassland removal for arable land |
| A03 | Mowing or cutting grasslands |
| A03.01 | intensive mowing or intensification |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|-------------------------------------------------------------|
| A03.02 | | non intensive mowing |
| A03.03 | | abandonment / lack of mowing |
| A04 | | Grazing by livestock |
| A04.01 | | intensive grazing |
| A04.01.01 | | intensive cattle grazing |
| A04.01.02 | | intensive sheep grazing |
| A04.01.03 | | intensive horse grazing |
| A04.01.04 | | intensive goat grazing |
| A04.01.05 | | intensive mixed animal grazing |
| A04.02 | | non intensive grazing |
| A04.02.01 | | non intensive cattle grazing |
| A04.02.02 | | non intensive sheep grazing |
| A04.02.03 | | non intensive horse grazing |
| A04.02.04 | | non intensive goat grazing |
| A04.02.05 | | non intensive mixed animal grazing |
| A04.03 | | abandonment of pastoral systems, lack of grazing |
| A05 | | Farming and breeding of livestock |
| A05.01 | | Animal breeding, |
| A05.02 | | stock feeding |
| A05.03 | | Lack of animal breeding |
| A06 | | Crops of annuals & perennials (non-timber) |
| A06.01 | | annual crops for food production |
| A06.01.01 | | intensive annual crops for food production/ intensification |
| A06.01.02 | | non- intensive annual crops for food production |
| A06.02 | | perennial non-timber crops |
| A06.02.01 | | intensive perennial non-timber crops/intensification |
| A06.02.02 | | non-intensive perennial non-timber crops |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|---------------------------------------------------------------------------|
| A06.03 | | biofuel-production |
| A06.04 | | abandonment of crop production |
| A07 | | Use of 'pesticides' in agriculture |
| A08 | | Fertilisation in agriculture |
| A09 | | Irrigation in agriculture |
| A10 | | Restructuring agricultural parcels |
| A10.01 | | removal of hedges and copses or scrub |
| A10.02 | | removal of stone walls and embankments |
| A11 | | Other agriculture activities |
| B | | Forestry |
| B01 | | Afforestation |
| B01.01 | | forest planting on open ground (native trees) |
| B01.02 | | artificial planting on open ground (non-native trees) |
| B02 | | Forest and plantation management & use |
| B02.01 | | forest replanting |
| B02.01.01 | | forest replanting (native trees) |
| B02.01.02 | | forest replanting (non native trees) |
| B02.02 | | forestry clearance |
| B02.03 | | removal of forest undergrowth |
| B02.04 | | removal of dead and dying trees |
| B02.05 | | non- intensive timber production (leaving dead wood/ old trees untouched) |
| B02.06 | | thinning of tree layer |
| B03 | | Forest exploitation |
| B04 | | Use of 'pesticides' (forestry) |
| B05 | | Use of fertilizers (forestry) |
| B06 | | Grazing in forests & woodland |
| B07 | | Other forestry activities |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|---------------------------------------|
| C | | Mining, quarrying & energy production |
| C01 | | Mining and quarrying |
| C01.01 | | Sand and gravel extraction |
| C01.01.01 | | sand and gravel quarries |
| C01.01.02 | | removal of beach materials |
| C01.02 | | Loam and clay pits |
| C01.03 | | Peat extraction |
| C01.03.01 | | hand cutting of peat |
| C01.03.02 | | mechanical removal of peat |
| C01.04 | | Mines |
| C01.04.01 | | open cast mining |
| C01.04.02 | | underground mining |
| C01.05 | | Salt works |
| C01.05.01 | | abandonment of saltpans (salinas) |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|--------------------------------------------------------|
| C01.05.02 | | conversion of salt pans |
| C01.06 | | Geotechnical survey |
| C01.07 | | Mining and extraction activities not referred to above |
| C02 | | Oil and gas exploitation |
| C02.01 | | exploration drilling |
| C02.02 | | production drilling |
| C02.03 | | jack-up drilling rig |
| C02.04 | | semi-submersible rig |
| C02.05 | | drill ship |
| C03 | | Production of renewable energy (abiotic) |
| C03.01 | | geothermal power production |
| C03.02 | | solar energy production |
| C03.03 | | wind energy production |
| C03.04 | | tidal energy production |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|---------------------------------------------------|
| D | | Transportation & service infrastructure |
| D01 | | Roads, railroads and paths |
| D01.01 | | paths, tracks, cycling tracks |
| D01.02 | | roads, motorways |
| D01.03 | | car parks and parking areas |
| D01.04 | | railway lines, TGV |
| D01.05 | | bridge, viaduct |
| D01.06 | | tunnel |
| D02 | | Utility and service lines/pipelines |
| D02.01 | | electricity and phone lines |
| D02.01.01 | | suspended electricity and phone lines |
| D02.01.02 | | underground/submerged electricity and phone lines |
| D02.02 | | pipe lines |
| D02.03 | | communication masts and antennas |
| D02.09 | | other forms of energy transport |
| D03 | | Shipping lanes and ports |
| D03.01 | | port areas |
| D03.01.01 | | slipways |
| D03.01.02 | | piers / tourist harbours or recreational piers |
| D03.01.03 | | fishing harbours |
| D03.01.04 | | industrial ports |
| D03.02 | | Shipping lanes |
| D03.02.01 | | cargo lanes |
| D03.02.02 | | passenger ferry lanes (high speed) |
| D03.03 | | marine constructions |
| D04 | | Airports and flightpaths |
| D04.01 | | airport |
| D04.02 | | aerodrome, heliport |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|--------|--|-----------------------------------------------------|
| D04.03 | | flight paths |
| D05 | | Improved access to site |
| D06 | | Other transportation & service infrastructure |
| E | | Urbanisation, residential & commercial development |
| E01 | | Urbanisation and human habitation |
| E01.01 | | continuous urbanisation |
| E01.02 | | discontinuous urbanisation |
| E01.03 | | dispersed habitation |
| E01.04 | | other patterns of habitation |
| E02 | | Industrial or commercial areas |
| E02.01 | | factory |
| E02.02 | | industrial stockage |
| E02.03 | | other industrial / commercial area |
| E03 | | Discharges (household/industrial) |
| E03.01 | | disposal of household / recreational facility waste |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|-------------------------------------------------------------|
| E03.02 | | disposal of industrial waste |
| E03.03 | | disposal of inert materials |
| E03.04 | | Other discharges |
| E03.04.01 | | costal sand suppletion/ beach nourishment |
| E04 | | Scattered structures and buildings |
| E04.01 | | Agricultural structures, buildings in the landscape |
| E04.02 | | Military constructions and buildings in the landscape |
| E05 | | Storage of materials |
| E06 | | Other urban/industrial developments |
| E06.01 | | demolishment of buildings & human structures |
| E06.02 | | reconstruction, renovation of buildings |
| F | | Use of living resources (other than agriculture & forestry) |
| F01 | | Marine and freshwater aquaculture |
| F01.01 | | intensive fish farming, intensification |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|------------------------------------------|
| F01.02 | | suspension culture |
| F01.03 | | bottom culture |
| F02 | | Fishing and harvesting aquatic resources |
| F02.01 | | Professional passive fishing |
| F02.01.01 | | potting |
| F02.01.02 | | netting |
| F02.01.03 | | demersal longlining |
| F02.01.04 | | pelagic longlining |
| F02.02 | | Professional active fishing |
| F02.02.01 | | benthic or demersal trawling |
| F02.02.02 | | pelagic trawling |
| F02.02.03 | | demersal seining |
| F02.02.04 | | purse seining |
| F02.02.05 | | benthic dredging |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|------------------------------------------------------------|
| F02.03 | | Leisure fishing |
| F02.03.01 | | bait digging / collection |
| F02.03.02 | | pole fishing |
| F02.03.03 | | spear-fishing |
| F03 | | Hunting and collection of terrestrial wild animals |
| F03.01 | | Hunting |
| F03.01.01 | | damage caused by game (excess population density) |
| F03.02 | | Taking and removal of animals (terrestrial) |
| F03.02.01 | | collection of animals (insects, reptiles, amphibians.....) |
| F03.02.02 | | taking from nest (e.g. falcons) |
| F03.02.03 | | trapping, poisoning, poaching |
| F03.02.04 | | predator control |
| F03.02.05 | | accidental capture |
| F03.02.09 | | other forms of taking animals |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|--------------------------------------------------|
| F04 | | Taking and collection of terrestrial plants |
| F04.01 | | pillaging of floristic stations |
| F04.02 | | collection (fungi, lichen, berries etc.) |
| F04.02.01 | | hand raking |
| F04.02.02 | | hand collection |
| F05 | | Illegal taking of marine fauna |
| F05.01 | | dynamite |
| F05.02 | | date mussel-fishing |
| F05.03 | | poisons |
| F05.04 | | poaching |
| F05.05 | | shooting |
| F05.06 | | removal for collection purposes |
| F05.07 | | other (i.e. drift nets) |
| F06 | | Other hunting, fishing and collection activities |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|-----------------------------------------------------|
| F06.01 | | game/ bird breeding station |
| G | | Disturbances due to human activities |
| G01 | | Outdoor sports, leisure and recreational activities |
| G01.01 | | nautical sports |
| G01.01.01 | | motorized nautical sports |
| G01.01.02 | | non-motorized nautical sports |
| G01.02 | | walking, horseriding and non-motorised vehicles |
| G01.03 | | motorised vehicles |
| G01.03.01 | | regular motorized driving |
| G01.03.02 | | off-road motorized driving |
| G01.04 | | mountaineering, rock climbing, speleology |
| G01.04.01 | | mountaineering & rock climbing |
| G01.04.02 | | speleology |
| G01.04.03 | | recreational cave visits |
| G01.05 | | gliding, delta plane, paragliding, ballooning |
| G01.06 | | skiing, off-piste |
| G01.07 | | scuba diving, snorkelling |
| G01.08 | | other outdoor sports and leisure activities |
| G02 | | Sport and leisure infrastructures |
| G02.01 | | golf course |
| G02.02 | | skiing complex |
| G02.03 | | stadium |
| G02.04 | | circuit, track |
| G02.05 | | hippodrome |
| G02.06 | | attraction park |
| G02.07 | | sports pitch |
| G02.08 | | camping and caravans |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | |
|--------|--------------------------------------------------------------------------|
| G02.09 | wildlife watching |
| G02.10 | other sport / leisure complexes |
| G03 | Interpretative centres |
| G04 | Military use and civil unrest |
| G04.01 | Military manouvres |
| G04.02 | abandonment of military use |
| G05 | Other human intrusions and disturbances |
| G05.01 | Trampling, overuse |
| G05.02 | shallow surface abrasion/ mechanical damage to seabed surface |
| G05.03 | penetration/ disturbance below surface of the seabed |
| G05.04 | Vandalism |
| G05.05 | intensive maintenance of public parcs /cleaning of beaches |
| G05.06 | tree surgery, felling for public safety, removal of roadside trees |
| G05.07 | missing or wrongly directed conservation measures |
| G05.08 | closures of caves or galleries |
| G05.09 | fences, fencing |
| G05.10 | overflying with aircrafts (agricultural) |
| G05.11 | death or injury by collision |
| H | Pollution |
| H01 | Pollution to surface waters |
| H01.01 | pollution to surface waters by industrial plants |
| H01.02 | pollution to surface waters by storm overflows |
| H01.03 | other point source pollution to surface water |
| H01.04 | diffuse pollution to surface waters via strom overflows or urban run-off |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|--------|--|---------------------------------------------------------------------------------------------------------------------|
| H01.05 | | diffuse pollution to surface waters due to agricultural and forestry activities |
| H01.06 | | diffuse pollution to surface waters due to transport and infrastructure without connection to canalization/sweepers |
| H01.07 | | diffuse pollution to surface waters due to abandoned industrial sites |
| H01.08 | | diffuse pollution to surface waters due to household sewage and waste waters |
| H01.09 | | diffuse pollution to surface waters due to other sources not listed |
| H02 | | Pollution to groundwater |
| H02.01 | | groundwater pollution by leakages from contaminated sites |
| H02.02 | | groundwater pollution by leakages from waste disposal sites |
| H02.03 | | groundwater pollution associated with oil industry infrastructure |
| H02.04 | | groundwater pollution by mine water discharges |
| H02.05 | | groundwater pollution by discharge to ground such as disposal of contaminated water to soakaways |
| H02.06 | | diffuse groundwater pollution due to agricultural and forestry activities |
| H02.07 | | diffuse groundwater pollution due to non-sewered population |
| H02.08 | | diffuse groundwater pollution due to urban land use |
| H03 | | Pollution to marine waters |
| H03.01 | | oil spills in the sea |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | |
|-----------|--------------------------------------------------------|
| H03.02 | toxic chemical discharge from material dumped at sea |
| H03.02.01 | non-synthetic compound contamination |
| H03.02.02 | synthetic compound contamination |
| H03.02.03 | radionuclide contamination |
| H03.02.04 | introduction of other substances (e.g. liquid, gas) |
| H03.03 | marine macro-pollution (i.e. plastic bags, styrofoam) |
| H04 | Air pollution, air-borne pollutants |
| H04.01 | Acid rain |
| H04.02 | Nitrogen-input |
| H04.03 | other air pollution |
| H05 | Soil pollution and solid waste (excl. discharges) |
| H05.01 | garbage and solid waste |
| H06 | Excess energy (noise, light, heating, electromagnetic) |
| H06.01 | Noise nuisance, noise pollution |
| H06.01.01 | point source or irregular noise pollution |
| H06.01.02 | diffuse or permanent noise pollution |
| H06.02 | Light pollution |
| H06.03 | Thermal heating of water bodies |
| H06.04 | Electromagnetic changes |
| H06.05 | Seismic exploration, explosions |
| H07 | Other forms of pollution |
| I | Invasive and introduced species |
| I01 | Invasive alien species |
| I02 | Problematic native species |
| I03 | Introduced species/genes |
| I03.01 | genetic pollution (animals) |
| I03.02 | genetic pollution (plants) |
| J | Modification of natural conditions |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | |
|-----------|------------------------------------------------------------|
| J01 | Fire and fire suppression |
| J01.01 | burning down |
| J01.02 | supression of natural fires |
| J01.03 | lack of fires |
| J02 | Changes in water bodies conditions |
| J02.01 | Landfill, land reclamation and drying out, general |
| J02.01.01 | polderisation |
| J02.01.02 | reclamation of land from sea, estuary or marsh |
| J02.01.03 | infilling of ditches, dykes, ponds, pools, marshes or pits |
| J02.01.04 | recultivation of mining areas |
| J02.02 | Removal of sediments (mud...) |
| J02.02.01 | dredging/ removal of limnic sediments |
| J02.02.02 | estuarine and coastal dredging |
| J02.03 | Canalisation & water deviation |
| J02.03.01 | large scale water deviation |
| J02.03.02 | canalisation |
| J02.04 | Flooding modifications |
| J02.04.01 | flooding |
| J02.04.02 | lack of flooding |
| J02.05 | Modification of hydrographic functioning, general |
| J02.05.01 | modification of water flow (tidal & marine currents) |
| J02.05.02 | modifying structures of inland water courses |
| J02.05.03 | mofification of standing water bodies |
| J02.05.04 | reservoirs |
| J02.05.05 | small hydropower projects, weirs |
| J02.05.06 | wave exposure changes |
| J02.06 | Water abstractions from surface waters |
| J02.06.01 | surface water abstractions for agriculture |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | |
|-----------|------------------------------------------------------------------------|
| J02.06.02 | surface water abstractions for public water supply |
| J02.06.03 | surface water abstractions by manufacturing industry |
| J02.06.04 | surface water abstractions for the production of electricity (cooling) |
| J02.06.05 | surface water abstractions by fish farms |
| J02.06.06 | surface water abstractions by hydro-energy |
| J02.06.07 | surface water abstractions by quarries/ open cast (coal) sites |
| J02.06.08 | surface water abstractions for navigation |
| J02.06.09 | surface water abstractions for water transfer |
| J02.06.10 | other major surface water abstractions |
| J02.07 | Water abstractions from groundwater |
| J02.07.01 | groundwater abstractions for agriculture |
| J02.07.02 | groundwater abstractions for public water supply |
| J02.07.03 | groundwater abstractions by industry |
| J02.07.04 | groundwater abstractions by quarries/open cast (coal)sites |
| J02.07.05 | other major groundwater abstractions from groundwater for agriculture |
| J02.08 | Raising the groundwater table /artificial recharge of groundwater |
| J02.08.01 | discharges to groundwater for artificial recharge purposes |
| J02.08.02 | returns of groundwater to GWB from which it was abstracted |
| J02.08.03 | mine water rebound |
| J02.08.04 | other major groundwater recharge |
| J02.09. | Saltwater intrusion of groundwater |
| J02.09.01 | saltwater intrusion |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|-----------|--|-----------------------------------------------------------------|
| J02.09.02 | | other intrusion |
| J02.10 | | management of aquatic and bank vegetation for drainage purposes |
| J02.11 | | Siltation rate changes, dumping, depositing of dredged deposits |
| J02.11.01 | | Dumping, depositing of dredged deposits |
| J02.11.02 | | Other siltation rate changes |
| J02.12 | | Dykes, embankments, artificial beaches, general |
| J02.12.01 | | sea defense or coast protection works, tidal barrages |
| J02.12.02 | | dykes and flooding defense in inland water systems |
| J02.13 | | Abandonment of management of water bodies |
| J02.14 | | Altered water quality due anthropogenic changes in salinity |
| J02.15 | | Other human induced changes in hydraulic conditions |
| J03 | | Other changes to ecosystems |
| J03.01 | | reduction or loss of specific habitat features |
| J03.01.01 | | reduction of prey availability (including carcasses) |
| J03.02 | | anthropogenic reduction of habitat connectivity |
| J03.02.01 | | reduction in migration/ migration barriers |
| J03.02.02 | | reduction in dispersal |
| J03.02.03 | | reduction in genetic exchange |
| J03.03 | | reduction, lack or prevention of erosion |
| J03.04 | | applied (industrial) destructive research |
| K | | Natural processes (excluding catastrophes) |
| K01 | | Abiotic natural processes |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|--------|--|-----------------------------------------------|
| K01.01 | | Erosion |
| K01.02 | | Silting up |
| K01.03 | | Drying out |
| K01.04 | | Submersion |
| K01.05 | | Soil salinization |
| K02 | | Vegetation succession/Biocenotic evolution |
| K02.01 | | species composition change (succession) |
| K02.02 | | accumulation of organic material |
| K02.03 | | eutrophication (natural) |
| K02.04 | | acidification (natural) |
| K03 | | Interspecific faunal relations |
| K03.01 | | competition (fauna) |
| K03.02 | | parasitism (fauna) |
| K03.03 | | introduction of disease (microbial pathogens) |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|--------|--|------------------------------------------------------------------|
| K03.04 | | predation |
| K03.05 | | antagonism arising from introduction of species |
| K03.06 | | antagonism with domestic animals |
| K03.07 | | other forms of interspecific faunal competition |
| K04 | | Interspecific floral relations |
| K04.01 | | competition (flora) |
| K04.02 | | parasitism (flora) |
| K04.03 | | introduction of disease (microbial pathogens) |
| K04.04 | | lack of pollinating agents |
| K04.05 | | damage by herbivores (including game species) |
| K05 | | Reduced fecundity/Genetic depression |
| K05.01 | | reduced fecundity/ genetic depression in animals (inbreeding) |
| K05.02 | | reduced fecundity/ genetic depression in plants (incl. endogamy) |
| K06 | | Other interspecific floral competition |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | |
|--------|-----------------------------------------------------------|
| L | Geological events, natural catastrophes |
| L01 | Volcanic activity |
| L02 | Tidal waves, tsunamis |
| L03 | Earthquake |
| L04 | Avalanche |
| L05 | Collapse of terrain, landslide |
| L06 | Underground collapses |
| L07 | Storm, cyclone |
| L08 | Flooding (natural processes) |
| L09 | Fire (natural) |
| L10 | Other natural catastrophes |
| M | Climate change |
| M01 | Abiotic changes (climate change) |
| M01.01 | temperature changes (e.g. rise of temperature & extremes) |
| M01.02 | droughts and less precipitations |
| M01.03 | flooding and rising precipitations |
| M01.04 | pH-changes |
| M01.05 | water flow changes (limnic, tidal and oceanic) |
| M01.06 | wave exposure changes |
| M01.07 | sea-level changes |
| M02 | Biotic changes (climate change) |
| M02.01 | habitat shifting and alteration |
| M02.02 | desynchronisation of processes |
| M02.03 | decline or extinction of species |
| M02.04 | migration of species (natural newcomers) |
| U | Unknown threat or pressure |
| X | No pressures or threats |

Appropriate Assessment Screening of Proposed Killybegs Town Centre Project

| | | |
|----|--|-----------------------------------------------------|
| XE | | Threats and pressures from outside the EU territory |
| XO | | Threats and pressures from outside the Member State |