

DRAFT COUNTY DEVELOPMENT PLAN **2016-2022**

*Environmental Report
Addendum on Proposed Amendments
November 2015*

STRATEGIC ENVIRONMENTAL ASSESSMENT ENVIRONMENTAL REPORT ADDENDUM

FOR

PROPOSED MATERIAL ALTERATIONS

TO THE

**DÚN LAOGHAIRE-RATHDOWN
COUNTY DEVELOPMENT PLAN
2016-2022**

for: Dún Laoghaire-Rathdown County Council

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Section 1 Introduction and Background

1.1 Process so far

Dún Laoghaire-Rathdown County Council prepared the Draft Dún Laoghaire-Rathdown County Development Plan in accordance with Sections 11 and 12 of the Planning and Development Act 2000 (as amended).

Strategic Environmental Assessment¹ (SEA) was undertaken on the Draft Plan in order to comply with the SEA Directive and transposing Regulations – the SEA Environmental Report which accompanied the Draft Plan on public display contains the findings of this assessment. An Appropriate Assessment² (AA) was also undertaken on the Draft Plan in order to comply with the Habitats Directive and transposing Regulations – the AA Natura Impact Report which accompanies the Proposed Material Alterations contains the findings of this assessment. A Strategic Flood Risk Assessment (SFRA) was also undertaken in order to comply with the Flood Risk Management Guidelines.

The Draft Plan and associated documents, including those relating to the SEA, AA and SFRA processes, were placed on public display and submissions were invited. Submissions were responded to in a Chief Executive's Report.

At a Council meeting, on 22nd October 2015, the Members of the Council adopted, by Resolution, Proposed Material Alterations to the County Development Plan.

In accordance with Section 12 (7) (aa) of the Planning and Development Act 2000 (as amended), the Manager determined, on 10th November 2015, that an SEA and AA were required for one or more of the Proposed Material Alterations.

1.2 SEA Environmental Report (March 2015)

The SEA Environmental Report which was prepared to accompany the Draft Plan contains the information specified in Annex I of the SEA Directive and Schedule 2B of the Planning and Development (SEA) Regulations 2004 (SI 436 of 2004) as amended by the Planning and Development (SEA) (Amendment) Regulations 2011 (SI 201 of 2011). The SEA Environmental Report was placed on public display alongside the Draft Plan and associated documents in March 2015. The relevant sections of the SEA Environmental Report (March 2015) which address these information requirements are detailed on Table 1.1 below.

The assessment undertaken on relevant Proposed Material Alterations (the findings of which are presented later in this document) has used the information contained in the SEA Environmental Report (including Non-Technical Summary) which is included as Appendix I to this Addendum.

This SEA Environmental Report Addendum should be read in conjunction with the Draft Plan and all other associated documents including:

- The Proposed Material Alterations;
- The SEA Environmental Report; and
- The AA Natura Impact Report.

¹ Strategic Environmental Assessment is the formal, systematic evaluation of the likely significant environmental effects of implementing a plan or programme, or alteration to a plan or programme, before a decision is made to adopt it.

² Appropriate Assessment is an impact assessment process concerning Natura 2000 Sites.

Table 1.1 Information contained within the SEA Environmental Report

Information Required to be included in the Environmental Report	Corresponding Section of this Report
(A) Outline of the contents and main objectives of the plan or programme, and of its relationship with other relevant plans and programmes	Sections 2, 5 and 8
(B) Description of relevant aspects of the current state of the environment and the evolution of that environment without implementation of the plan or programme	Section 4
(C) Description of the environmental characteristics of areas likely to be significantly affected	Sections 4, 7 and 8
(D) Identification of any existing environmental problems which are relevant to the plan or programme, particularly those relating to European protected sites	Section 4
(E) List environmental protection objectives, established at international, EU or National level, which are relevant to the plan or programme and describe how those objectives and any environmental considerations have been taken into account when preparing the Plan	Sections 5, 7, 8 and 9
(F) Describe the likely significant effects on the environment	Sections 7 and 8
(G) Describe any measures envisaged to prevent, reduce and as fully as possible offset any significant adverse environmental effects of implementing the plan or programme	Section 9
(H) Give an outline of the reasons for selecting the alternatives considered, and a description of how the assessment was undertaken (including any difficulties)	Sections 6, 7 and 8
(I) A description of proposed monitoring measures	Section 10
(J) A non-technical summary of the above information	Non-Technical Summary
(K) Interrelationships between each environmental topic	Addressed as it arises within each Section

Section 2 Strategic Environmental Assessment

2.1 Scope of Proposed Material Alterations Considered

Only Proposed Material Alterations which comprise or affect Plan provisions (e.g. policies, objectives) come under the scope of this assessment. Changes to other parts of the Plan (e.g. text which sets the context for policies and objectives but does not interact with these provisions) are not included within the scope of this assessment

The Proposed Material Alterations which are considered include:

- Proposed changes to Draft Plan provisions (e.g. policies, objectives);
- The proposed addition of a number of new Plan provisions; and
- Proposed changes to some of the Draft Plan maps.

2.2 Appropriate Assessment

The Draft Plan was screened for the need to undertake Stage 2 Appropriate Assessment (AA) and it was identified that Stage 2 AA was not necessary at that stage. However, the Proposed Material Alterations resulted in the inclusion of a map based feature which was identified by the AA as being in direct conflict with the South Dublin Bay and River Tolka Estuary SPA in the vicinity of Booterstown. In light of this, and based on the precautionary principle it could not be conclusively determined that the European Site would not be adversely affected by the implementation of the draft Plan and therefore a Stage 2 AA was required to be undertaken on the Proposed Material Alterations.

The findings of the AA have informed this SEA Addendum.

2.3 SEA of Proposed Material Alterations

Table 2.1 provides the assessment of environmental effects for relevant Proposed Material Alterations and is supplemented by Table 2.2 which provides details on the range of effects (if unmitigated), mitigating measures from the Draft Plan and residual adverse effects of implementing the Proposed Material Alterations.

The full range of environmental effects³, including cumulative effects are considered by this assessment.

³ These include secondary, cumulative, synergistic, short, medium and long-term permanent and temporary, positive and negative effects

Table 2.1 Relevant Proposed Material Alterations and Potential and Non-Significant Residual Environmental Effects

Material Alteration	Strategic Environmental Assessment
Section 2	
Amend Policy RES2: Implementation of the Interim Housing Strategy as follows: Add a third bullet point for "specific exemptions to Part V where a reduced social/affordable element may be acceptable are: <i>"semi-independent or supported living accommodation for people with intellectual and/or physical disabilities"</i>	No additional potential effects relating to this Proposed Material Alteration.
Policy Res 2.1.3.9 Housing for People with Disabilities [ii]. add: <i>"It is an objective of the Council to encourage the provision of suitable housing for people with intellectual disabilities which will allow them to live within their communities in an appropriately independent or supported manner"</i> .	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Add additional Policy as follows: <i>"Policy ST1: Future Transport Infrastructure and the Requirements of EU Directives</i> <i>It is Council policy to require that all developments relating to the provision of future transport infrastructure integrate the requirements of the EIA Directive, Habitats Directive, Water Framework Directive and Floods Directive, as appropriate."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Policy ST4 Insert the following text after the second paragraph: <i>"It is proposed that, over the lifetime of the Plan, the Council will develop a Walking and Cycling Policy for the County. This will be undertaken in conjunction with all interested stakeholders and will incorporate items such as mountain trails, cycle tourism and the promotion of cycling"</i> . Add the following text at the end of the third paragraph: <i>"Where practicable, retrospective implementation of walking and cycling routes - to maximise permeability and connectivity - may also be required within existing neighbourhoods."</i>	Projects arising from any such policy would have the potential to improve sustainable mobility (and associated interactions with emissions to air) as well as having the potential to adversely impact upon environmental components including habitats and species. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, including requirements relating to lower tier assessments, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Policy ST8 Add the following text at the end of the third paragraph: <i>"Due cognizance shall also be taken of the signage requirements in Section 3.8 of 'Spatial Planning and National Roads Guidelines for Planning Authorities' (2012) relating to signage along National Roads."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Policy ST12 Add a line at the end of the last paragraph as follows: <i>"Any potential additional future short-term uses of the reservation corridor will be subject to a joint feasibility study to be undertaken by the NRA and NTA"</i> .	No additional potential effects relating to this Proposed Material Alteration.
Policy ST23 Add the following text at the end of Policy: <i>"The Council will also facilitate the provision of car parking spaces for the charging of electric vehicles at appropriate locations."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that all potential effects arising from this Proposed Material Alteration either are present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse). See also Table 2.2.
Add the following text at the end of Policy ST25: <i>"The Council will take due cognizance of the M50 Demand Management Report (April 2014) and work alongside all other stakeholders – including the NRA and NTA - in implementing the various measures required to ensure that the strategic function of the M50 is protected and growth in travel demand is managed as set out in the Report."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Policy ST28 Delete references to the <i>"National Road Safety Plan 2013-2020"</i> and replace with <i>"Road Safety Authority's, Road Safety Strategy 2013-2020"</i> .	No additional potential effects relating to this Proposed Material Alteration.
The following text is added to the end of the last paragraph Policy ST29: <i>"In addition, an Accident Investigation and Prevention (AIP) Programme - that will examine in detail road safety issues throughout the County – will be introduced"</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection,

Material Alteration	Strategic Environmental Assessment
<i>by the Transportation Department over the lifetime of this Plan."</i>	environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Section 3	
<p>Add the following text to Policy E14 (Section 3.1.2.14) (at end of last paragraph): <i>"The Council will encourage and support the enhancement of the tourism potential of the Dublin Mountains Way both through the promotion of public transport linkages including Bus, DART and Luas and the use of public rights of way as far as possible."</i></p>	<p>Projects arising from any such policy would have the potential to adversely impact upon environmental components including habitats and species. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, including requirements relating to lower tier assessments, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.</p>
<p>Amend the last sentence of Policy E14 to state: <i>"The tourism potential of the County's heritage and diaspora is recognised as an important area for development. Accordingly, the Council will encourage the development of cultural, literary, historical, archaeological, architectural heritage, maritime heritage and genealogical tourism opportunities, products and facilities in the County, where practical and feasible."</i></p> <p>Add the following text after paragraph 2: <i>"It is Council policy to continue to work in collaboration with other key stakeholders to implement the programmes and plans of the GROW Dublin initiative over the lifetime of the Plan to maximise the tourism potential of the County. Established in 2012 to focus on the marketing and branding of Dublin city and region, the Grow Dublin Tourism Alliance has been tasked with the role of identifying how the city and county could deliver substantial growth based on tourism by 2020. The forum is a major collaborative initiative by the key interested parties including the Dublin Local Authorities, Fáilte Ireland, Dublin Chamber of Commerce, and the tourist industry & development organisations. 'Dublin ' in the context of the Alliance's remit refers to the wider Dublin region comprising Dublin City Council and South Dublin, Fingal and Dún Laoghaire-Rathdown County Councils. The report, 'Destination Dublin - A Collective Strategy for Growth to 2020' was launched in 2014. The report states the Dublin Region needs to differentiate itself as a 'must-visit' destination. As trips become shorter, particularly to cities, Dublin must distinguish itself as a stand-alone destination and an aspirational European short-break destination. If the variety and vibrancy of the City and County's attractions can be communicated to potential visitors in key target markets, this is where return on investment is likely to be greatest. The Alliance has identified five key sectors that offer the best potential for significant growth and the best return on investment:</i></p> <p><i>Holidaymakers identified as 'Social Energisers' - young couples and adult groups looking for excitement, new experiences, and fun, social getaways to novel destinations;</i></p> <p><i>Holidaymakers identified as 'Culturally Curious' - mostly older couples or solo travellers with time (and money) to spend - independent active sightseers looking to explore new places and broaden their minds</i></p> <p><i>Business Tourism - where visitor expenditure is amongst the highest of all visitors and who are more prone to visit in times when cash flow for Dublin businesses is critical - in the shoulder and off-seasons;</i></p> <p><i>Cruise Tourism -who come to the Dublin Region as part of a European cruise;</i></p> <p><i>Event Tourism - coming to the Dublin Region specifically to attend an event or festival, whether sporting, cultural, business or any other type of event".</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.</p>
Policy E16 Amend: "...District Centre and then Neighbourhood Centre."	No additional potential effects relating to this Proposed Material Alteration.
Section 4	
<p>Add New Biosphere Policy and Policy numbers revised accordingly: "LHBxx: Dublin Bay Biosphere Reserve It is Council Policy to participate in an actively support the work of the Dublin Biosphere Partnership. In furtherance of this policy the Council aim to develop and implement a Biosphere work program within the County in Support of the work of the Dublin Bay Biosphere Partnership. <i>Biosphere Reserves are places where nature and people connect. They are areas which are internationally recognised for their biological diversity yet also actively managed to promote a positive relationship between people and nature. The Dublin Bay Biosphere Reserve is a special designation awarded by the United Nations Educational, Scientific and</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.</p>

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<p><i>Cultural Organisation (UNESCO). It is part of a global network of 651 Biosphere Reserves in 120 countries. The Biosphere designation does not add or detract from the regulatory framework already in place for the Bay but it designed to assist stakeholders in finding sustainable solutions to the management of the Bay which ensure good outcomes for both people and nature. The Biosphere is managed by the Dublin Bay Biosphere Partnership which includes Fingal County Council, Dublin City Council, Dún Laoghaire-Rathdown County Council, Dublin Port, National Parks and Wildlife Service and local community groups and NGO's. The partnership is working to promote the protection of habitats and species, to support education and research within the site and to support a sustainable economy for people living and working in the area in accordance with the Habitats Directive."</i></p>	
<p>Policy LHB2 and Policy LHB3 Amend: "...contained in the Department of Arts, Heritage and the Gaeltacht's National Landscape Strategy for Ireland, 2015-2025. 2014-2024 as and when it is finalised and published."</p>	No additional potential effects relating to this Proposed Material Alteration.
<p>Policy LHB5 Amend by inserting "and in the preparation of plans" after the word 'proposals' in the first line.</p>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
<p>Policy LHB7 Add additional paragraph as follows: "<i>The Council will have regard to any relevant requirements of the EU Maritime Spatial Planning Directive which acknowledges the interrelationship between marine and coastal activities and aims to find coherence between marine spatial planning and integrated coastal management processes</i>".</p>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
<p>Policy LHB7 Change last line from Policy CC15 to Policy CC16.</p>	No additional potential effects relating to this Proposed Material Alteration.
<p>Policy LHB8 Add the following sentence at the end of policy: "<i>The Council are cognisant of the requirements and obligations of "The Foreshore and Dumping at Sea (Amendment) Act 2009</i>".</p>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
<p>New Policy to be added and other Policies renumbered accordingly 4.2.10 Policy LHB11: Coastal Area Feasibility Study. "<i>It is Council policy to undertake a comprehensive feasibility study on the recreational potential along the coastal area of the County which comprehensively addresses recreational impact – including visitor numbers, mapping and surveying of sensitive habitats and species and identification of significant threats on Natura 2000 sites – and which would allow an assessment of any future proposals, alone or in combination, to assess impact on the coastal and marine zone within and adjacent to the County boundary. The Council will explore the possibility of carrying out this study with adjoining and/or coastal Local Authorities and/or their agencies.</i>"</p>	Proposed Material Alteration Policy LHB11 would, along with other provisions already included in the Draft Plan, help to facilitate contributions towards the protection and management of biodiversity and landscape components which are already facilitated by other Plan provisions.
<p>Add new text to Policy LHB12 - To avoid making any premature decisions which may give rise to judicial challenge it is recommended that, subject to resources, a list of purported additional rights-of-way be investigated during the lifetime of the 2016 - 2022 County Development Plan and that the provision of Section 206 of the Planning and Development Act, which allows for creation of a right-of-way by means of agreement with the landowners consent, also be investigated thus avoiding litigation.</p>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
<p>Policy LHB14 Insert "<i>to promote and</i>" after the word '<i>policy</i>' in first line.</p>	No additional potential effects relating to this Proposed Material Alteration.
<p>Policy LHB23 Amend as follows: Second paragraph, fourth line, change "<i>river corridors</i>" to "<i>riparian corridors</i>".</p>	No additional potential effects relating to this Proposed Material Alteration.
<p>Policy LHB23 Amend bullet point: "<i>Provide for drainage and flooding</i>" to "<i>Provide routes for drainage and flooding.</i>"</p>	No additional potential effects relating to this Proposed Material Alteration.
<p>Policy LHB25 Update Table 4.1.3 as per information submitted by Geological Survey Ireland (GSI). Update SEA Report. Update Policy LHB25 as follows: Replace: "<i>To date, sites of geological interest have not been comprehensively included under the existing nature conservation designations. The Geological Survey of Ireland, in partnership with the National Parks and Wildlife Service (NPWS) are now currently addressing the matter through the identification of the best Nationally significant geological and geomorphological sites for statutory designations as NHAs (National Heritage Areas). Other geological sites of National or local importance are being identified as County Geological Sites (CGS) and - by virtue of their recognition in the County/City Development Plans - will be protected from potentially damaging developments through the Development</i></p>	No additional potential effects relating to this Proposed Material Alteration.

Material Alteration	Strategic Environmental Assessment
<p><i>Management system. The list of Geological Sites is set out in Table 4.1.3. The list has been prepared in conjunction with the Geological Survey of Ireland' With:</i></p> <p><i>"To date, sites of geological interest have not been comprehensively included under the existing nature conservation designations. The Geological Survey of Ireland, in partnership with the National Parks and Wildlife Service (NPWS) are now currently addressing the matter through the identification of the best Nationally significant geological and geomorphological sites for statutory designations as NHAs (National Heritage Areas). Other geological sites of National or local importance are identified as County Geological Sites (CGS) and - by virtue of their recognition in the County/City Development Plans - will be protected from potentially damaging developments through the Development Management system.</i></p> <p><i>The Geological Survey of Ireland, in partnership with the Heritage Council and Dún Laoghaire-Rathdown County Council carried out an audit of County Geological Sites in 2014 as an action of the Dún Laoghaire-Rathdown Heritage Plan 2013 – 2019. The audit provides a reliable study of sites and replaces a provisional listing based on a desk top study that was contained in the previous County Development Plan 2010 – 2016. The revised list of Geological Sites is set out in Table 4.1.3".</i></p>	
Table 4.1.3 Add Murphystown Quarry and Carrickgolligan to Table 4.1.3. Remove Shankill and Killiney Adit.	No additional potential effects relating to this Proposed Material Alteration.
Policy LHB25 Add the words " <i>promote and preserve</i> " after the word " <i>protect</i> ".	No additional potential effects relating to this Proposed Material Alteration.
<p>Add the following text to Policy LHB28: "<i>The implementation of the Heritage Plans has resulted in the completion of a number of projects that increased the level of knowledge, awareness and understanding of the heritage of the County. Due regard should be given to these documents in any future development.</i></p> <p><i>These include the:</i></p> <ul style="list-style-type: none"> • <i>Industrial Heritage Survey</i> • <i>Historic Landscape Character Assessments for Kiltiernan, Glencullen, Rathmichael, Old Conna, Barnaculla and Ballycorus</i> • <i>Survey of Coastal Architecture</i> • <i>Habitat Survey</i> • <i>Hedgerow Survey</i> • <i>Geological Heritage Survey</i> • <i>Dublin Uplands Archaeology Survey</i> • <i>Dalkey Islands Conservation Plan</i> • <i>Carrickmines Castle Conservation Plan (Draft).</i> 	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Add " <i>It is the intention of the Council to review the existing Heritage Plan prior to its expiry, if possible</i> " at the end of Policy LHB28: Heritage Plan.	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
<p>Amend the wording of Policy OSR4: Future Improvements as follows:</p> <p><i>"It is Council policy to continue to improve, landscape, plant and develop more intensive recreational and leisure facilities within its parks and open spaces insofar, as resources will permit, while ensuring that the development of appropriate complementary facilities does not detract from the overall amenity of the spaces. There are over 800 hectares of parks and open spaces of varying landscape types throughout the County. There are currently five Regional Parks:</i></p> <ul style="list-style-type: none"> • <i>Marlay Demesne</i> • <i>Cabinteely Park</i> • <i>The Peoples Park and Seafront, Dún Laoghaire</i> • <i>Blackrock Park</i> • <i>Killiney Hill Park</i> <p><i>The Regional Parks each have a unique character and theme, which provide an attraction for visitors and tourists. A park is designated a Regional Park when it attains the attributes of a Regional Park. These include being a high profile, high quality park with a range of visitor attractions and facilities, including, toilets, tearooms, car parking and play areas.</i></p>	No additional potential effects relating to this Proposed Material Alteration.

Material Alteration	Strategic Environmental Assessment
<p><i>With the designation of Shanganagh Park as a Gateway Park, as part of the Green Infrastructure Strategy, the proposed addition of Shanganagh Castle and the facilities that will be provided there, and the development of a Master Plan, Shanganagh Park is likely to achieve Regional Park status within the lifetime of the County Development Plan 2016-2022. The historic houses of Marlay and Cabinteely will continue to be refurbished and available for tours and other activities. With the exception of Killiney Hill Park it is intended that all Regional Parks will eventually include public toilets, event spaces and ornamental gardens.....”.</i></p>	
<p>Policy OSR11 Add the following paragraph: <i>“Given the Council’s policy to ensure that existing sports facilities and grounds within the established urban area are protected, retained and enhanced, it is recognised that development in the immediate environs of these facilities and grounds may have adverse implications for the achievement of this policy objective. Where therefore development is proposed within 10m of such a facility/grounds there will be an obligation on the developer to undertake such protective measures, as are deemed necessary by the Council, to ensure that the subject development will not interfere with the operational capacity of the sports facility/sports ground to fulfil its recreational/amenity function.”</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.</p>
<p><i>That, a new Policy be included after Policy OSR12 as follows:</i> <i>Policy OSR13: Protection of Dún Laoghaire Harbour as an outstanding recreational harbour and sporting amenity of National significance.</i> <i>“It is Council Policy to protect and enhance the water based recreational amenity of Dun Laoghaire Harbour and its ability to host national and international competitions.</i> <i>Any commercial shipping proposals within the Harbour should be required to ensure that there is no material detrimental impact upon the water based recreational amenity facilities of the Harbour and its ability to host national and international competitions.</i> Amended Policy ORS12: <i>“Policy OSR12: Water-Based Sports</i> <i>“It is Council policy to support and encourage waterbased sports and maritime leisure activities along the coast subject to Council Bye-Laws. The County features seventeen kilometres of coastline, which is a valuable asset. If utilised to its full potential it can contribute to the health and well-being of the residents of, and workers, in the County and can also offer significant potential for tourism growth”.</i> <i>The sub-text to Policy OSR12 states that:</i> <i>“It is recognised that the development of improved facilities for sailing and other water-based sports are important for the revitalisation of Dún Laoghaire Harbour and the other harbours along the coast of the County. The Council will support such water-based uses and activities in the harbours and along the coastline, with an emphasis on those that cater for a broader spectrum of the population”.</i> Amend Policy numbering thereafter.</p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that all potential effects arising from this Proposed Material Alteration either are present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse). See also Table 2.2.</p>
<p>Policy OSR12 Amends ‘Beach Bye-Laws’ to ‘Council Bye-Laws’</p>	<p>0 No additional potential effects relating to this Proposed Material Alteration.</p>
<p>That a new policy is included that would provide for a masterplan for Bullock and Sandycove Harbour as follows: <i>‘Policy OSRxx: Sandycove and Bullock Harbour</i> <i>It is Council Policy to formulate a Masterplan for Bullock Harbour and Sandycove Harbour.</i> <i>The Council will formulate – in conjunction with all relevant stakeholders – a masterplan for both Bullock and Sandycove Harbours in order to provide for the effective management of the County’s 17km long coastline’.</i></p>	<p>There is potential for such a plan to both further contribute towards the protection of the environment (including biodiversity and flora, cultural heritage, the landscape etc.) and to potentially conflict with this protection by providing for new development. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, including requirements relating to lower tier assessments, it is determined that all potential effects arising from this Proposed Material Alteration either are present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse). See also Table 2.2.</p>
<p>Section 5</p>	
<p>Policy EI5 Delete the last sentence which states: <i>“In addition, it is Council Policy to promote the advancement of grey water harvesting systems and other water conservation measures in the County.”</i> Replace with: <i>“In addition, it is Council Policy to promote the advancement of greywater re-use systems and rain water harvesting systems and other water conservation measures in the County, in accordance with best practice and subject to compliance with Ministerial Guidelines/Regulations.”</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.</p>

Material Alteration	Strategic Environmental Assessment
<p>It is recommended that the following policies are inserted into a 'stand-alone' text box to be located between EI5: Water Supply and Wastewater and EI6: Integrated Water Management Plans.</p> <p><i>"Timely Delivery of Water Services</i> <i>It is the policy of the Council to support Irish Water in the facilitation of the timely delivery of the water services required to realise the development objectives of this Plan.</i> <i>Water and Wastewater Network Design and Construction</i> <i>It is the policy of the Council to support the provision of integrated and sustainable water services through effective consultation with Irish Water on the layout and design of water services in relation to the selection and planning of development areas and the preparation of Masterplans/LAPs/ SDZ Planning Schemes.</i> <i>Ensuring Availability of Water Services for Planned Development</i> <i>It is the policy of the Council to advise applicants to consult with Irish Water regarding capacity issues prior to applying for planning permission – where practicable.</i> <i>Protecting Water Services Infrastructure</i> <i>It is the policy of the Council to advise applicants to consult with Irish Water and be aware of Irish Water's requirements regarding way leaves and buffer zones around public water utilities.</i> <i>Promote Water Conservation</i> <i>It is the policy of the Council to promote and support water conservation and demand management measures among all water users.</i> <i>Separate Water Drainage Systems</i> <i>It is the policy of the Council to require new development to provide a separate foul and surface water drainage system – where practicable.</i> <i>Domestic Waste Water Treatment Systems</i> <i>It is the policy of the Council to refuse planning permission for any residential development that requires the provision of domestic waste water treatment systems, other than for single house systems.</i> <i>It is the policy of the Council to strongly discourage the provision of individual septic tanks and domestic waste water treatment systems and, where applicable, to connect the development to the public sewer mains network, in order to minimise the risk of groundwater pollution. Where such facilities are permitted, full compliance with the prevailing regulations and standards including the EPA's Code of Practice Wastewater Treatment and Disposal Systems Serving Single Houses (PE. 10) (EPA 2009), as may be amended, will be required."</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.</p>
<p>Amend Policy EI4 to read, as follows: <i>"It is Council policy to ensure the protection of the groundwater resources in and around the County and associated habitats and species, in accordance with the Groundwater Directive 2006/118/EC and the European Communities Environmental Objectives (Groundwater) Regulations 2010. In this regard the Council will support the implementation of Irish Water's Water Safety Plans to protect sources of public water supply and their contributing catchment."</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.</p>
<p>Amend the Draft Plan to include reference to the Green Infrastructure Strategy in the following Section: <i>"Section 5.1.1.8 Policy EI8: Sustainable Drainage Systems*</i> <i>It is Council policy to ensure that all development proposals incorporate Sustainable Drainage Systems (SuDS). Development will only be permitted where the Council is satisfied that suitable measures have been considered that balance the impact of drainage through the achievement of control of run-off quantity and quality, and enhance amenity and habitat (for further details refer to Sections 8.2.8.3, 8.2.9.7, 8.2.9.11, 8.2.10.4 and Appendix 14 Green Infrastructure Strategy). In particular the requirements of the 'SUDS Manual' by the UK's Construction Industry Research and Information Association (CIRIA) shall be followed unless specifically exempted by the Council and/or Irish Water".</i></p>	<p>No additional potential effects relating to this Proposed Material Alteration.</p>
<p>Remove SLO 126 and Policy EI23 which relates to Rathmichael Groundwater. NOTE: All subsequent policies need to be renumbered and any cross referencing amended to reflect new numbers.</p>	<p>The removal of Policy EI23 and Specific Local Objective 126 would reduce the environmental protection and management provided for by the Plan in the Rathmichael area. This protection relates to the status of water bodies, the provision of appropriate water services, the protection of human health and the protection of ecology. Although other provisions in the Plan contribute towards the protection and management of these environmental components, these provisions were found to be important protection policies for groundwater in the highly sensitive area of Ballyman</p>

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	Glen, a designated SAC for groundwater fed ecosystems. In recognition of this and the precautionary principle, the AA strongly recommends that this policy be reinstated if impacts on the integrity of the Ballyman Glen SAC are to be avoided.
Policy CC6 Paragraph 5, delete: <i>"The Council will, in addition, promote the integrated energy concept of Passive House that will result in high quality constructed, economic, comfortable and healthy future proofed buildings. The EnerPHit standard is the designated standard for Passive House refurbishment projects and accepts slightly lower performance thresholds"</i> . Policy CC6 Paragraph 6, delete: <i>"Passive House"</i> Policy CC7 Remove this text: <i>It is Council policy to promote and support new development that is low carbon development, is well adapted to the impacts of climate change and that energy conservation is considered and designed at the earliest stages through the use of energy efficiency management systems. It is Council policy that all new development in new buildings should be built to Passive House Standard. Buildings constructed to nZEB standard or other low energy standard may be considered as an appropriate alternative.</i> And replace it with this: <i>It is Council Policy that all new buildings will be required to meet the Passive House standard or equivalent, where reasonably practicable. Equivalent means approaches supported by robust evidence (such as monitoring studies) to demonstrate their efficacy, with particular regard to indoor air quality, energy performance, comfort, and the prevention of surface/interstitial condensation. Buildings specifically exempted from BER ratings set out in S.I. No. 666 of 2006 are also exempted from the requirements of Policy CC7.</i> <i>These requirements are in addition to the statutory requirement to comply fully with Parts A-M of Building Regulations</i>	The following text remains: <i>It is Council Policy that all new buildings will be required to meet the Passive House standard or equivalent, where reasonably practicable.</i> Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Policy CC2 Sentence 2, paragraph 2 amend: <i>"...Local Government published is currently preparing the Climate Action and Low Carbon Development Bill January 2015. due to go before the Oireachtas imminently."</i>	No additional potential effects relating to this Proposed Material Alteration.
Change title of Policy CC11 to <i>"Renewable Energy and Energy Networks"</i> .	No additional potential effects relating to this Proposed Material Alteration.
Policy CC14 Sixth line, second paragraph remove <i>"2010 – 2015"</i> and replace with <i>"(on-going)"</i> .	No additional potential effects relating to this Proposed Material Alteration.
Policy CC15 Remove: <i>"(CFRAMs)"</i> from last line of first paragraph in bold, replace with <i>"(ECFRAM Study)"</i> . First bullet point, fourth line, add: <i>"E"</i> in front of <i>"CFRAM"</i> . Second bullet point, remove: <i>"may be required"</i> , replace with <i>"must be accompanied by"</i> . Add: <i>"and the SFRA"</i> to last line, second bullet point after, <i>"Section 8.2.12.4"</i> . Sixth bullet point, add: <i>"and future iterations of other similar studies including studies of impacts of climate change"</i> at end of existing paragraph. Remove final bullet point: <i>"Coastal Defence Policies"</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Policy CC16 Insert the following sentence at the end of Policy: <i>"The Council will also require that all coastal defence works will be subject to Appropriate Assessment (AA) to ensure there are no likely significant effects on the integrity of any Natura 2000 sites and that the requirements of Article 6 of the EU Habitats Directive are met."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Policy CC16 Insert a new Policy CC16 as follows: <i>"Policy CC16: Cross-Boundary Flood Management. It is Council Policy to work with neighbouring Local Authorities when developing cross-boundary flood management work programmes and when considering cross-boundary development"</i> . Re-number existing Policy CC16 as CC17	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Section 6	
Policy AH1 Amend first sentence from: <i>"...where feasible and appropriate, to promote access..."</i> to <i>"...where feasible and appropriate, to manage, maintain and promote access..."</i> . Motion 39 & 5 from floor amend to state: <i>"...where feasible, appropriate and applicable to promote access..."</i>	No additional potential effects relating to this Proposed Material Alteration.
Policy AH3 Include <i>'and promote'</i> after <i>'protect'</i> in the first sentence.	No additional potential effects relating to this Proposed Material Alteration.
Amend policy AH4 to state: <i>"It is Council Policy to support the implementation of an (Archaeological) Conservation Plan for the Carrickmines Castle Site."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.

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Policy AR5 Add Stepside Garda Station to policy – add footnote as follows: <i>"In the interest of clarity, the former Stepside Garda Station will be afforded protection under this policy."</i>	No additional potential effects relating to this Proposed Material Alteration.
Policy AR10 Amend part 'i' to state <i>'Encourage and promote...'</i> .	No additional potential effects relating to this Proposed Material Alteration.
Section 7	
section 7.1 Change all Policy pre-fixes from 'SSC'/'SCC' to 'SIC'	No additional potential effects relating to this Proposed Material Alteration.
Amend Policy SCC6: First sentence in bold, from <i>'...to support the development and provision...'</i> to <i>'...to support the development, improvement and provision...'</i> . After fourth paragraph add new paragraph as follows: <i>'The Council will also support improvements to and/or redevelopment of existing community facilities throughout the County as appropriate. All such proposals should have regard to the provisions set out above and the guidance provided within Section 8.2.12.3: Community Facilities.'</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Policy SCC9 Part(i), second paragraph listed figures changed to: <i>"26,750 students 4,000 staff Approximately 6,580 international students Approximately 127 countries".</i>	No additional potential effects relating to this Proposed Material Alteration.
Section 8	
There are changes to both Development Management Standards and Land Use Zoning Objectives proposed – please see accompanying Proposed Material Alteration documentation.	Development Management Standards with or without the Proposed Material Alterations would help to ensure that the adverse effects arising from other Development Plan provisions would be mitigated and that environmental protection and management and sustainable development would be contributed towards. Changes to Land Use Zoning Objectives are not reproduced in this SEA Addendum. The changes do not affect the mixture of scenarios for the Draft Plan which emerged from the Draft Plan preparation/SEA process (see Section 7 of the SEA Environmental Report provided at Appendix I).
Section 9	
Map 1 and 2 Remove SLO 146. Insert a new SLO on Maps 1 and 2 to read as follows: <i>"To prepare - in conjunction with the National Transport Authority - a Traffic Management Study for UCD and its surrounding environs to address the existing localised car parking issues within the area".</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that all potential effects arising from this Proposed Material Alteration either are present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse). See also Table 2.2.
Map 1 and 2 Remove SLO No.5 from Written Statement and Mapping	To remove assessment from SEA Environmental Report. This provision had the potential to result in both positive and negative environmental effects.
Maps 1, 2, 5 and 6 Amend SLO No. 6 is to read as follows: <i>"To promote potential additional future uses of the Dublin Eastern Bypass reservation corridor - including a greenway/cycleway, a pedestrian walkway, biodiversity projects, recreational opportunities inclusive of playing fields - and public transport provision such as Bus Rapid Transit services, pending a decision from the National Roads Authority/Central Government in relation to the future status of the Bypass. Any potential additional future short-term uses of the reservation corridor will be subject to a joint feasibility study to be undertaken by the NRA and NTA."</i>	The Plan does not provide for the development of the Eastern Bypass route, rather it provides for a reservation corridor pending a decision from the National Roads Authority/Central Government in relation to the future status of the Bypass. Any plans/projects providing for the development of this route would need subject to SEA and AA as appropriate. Were development of the route to occur, reservation of the route corridor now would facilitate the avoidance of future disturbance of development areas and associated potential effects upon various environmental components. Projects arising from any the part of SLO 6 relating to 'greenway/cycleway' and 'biodiversity projects' would have the potential to improve environmental components including sustainable mobility (and associated interactions with emissions to air), ecology and flood risk management. However, projects such as greenways and walkways have the potential to result in adverse effects upon environmental components including habitats and species. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute

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	towards environmental protection, environmental management and sustainable development, including requirements relating to lower tier assessments, it is determined that potential adverse effects upon the environment arising from such projects will be mitigated so as not to be significant. See also Table 2.2.
Maps 1, 2, 5 and 6 All references to SLO No. 72 be removed from the County Development Plan Written Statement and Mapping.	The assessment for SLO 72 will be removed from the SEA (this SLO did not have significant interactions with environmental components).
Map 1 Insert SLO on Map 1 (with a boundary outlined) and the Written Statement <i>"That any future redevelopment of Dundrum Village Centre (Phase 2) shall provide for and retain a range of complementary non-retail uses including - but not limited to - employment, restaurant, leisure, entertainment, cultural, community, and civic uses – to supplement that already provided for within the wider Dundrum Town Centre."</i>	By providing for a range of uses this SLO has the potential to contribute towards sustainable mobility (with associated effects upon energy usage and emissions to air). Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Map 1 Insert SLO on Map 1 and the Written Statement relating to Phase 2 Dundrum <i>"To ensure that Phase 2 of the Dundrum Town Centre takes cognizance of the character and streetscape of the old Main Street".</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment - including cultural heritage - which are already provided for by the Draft Plan.
Map 2 Remove SLO No. 142 from Written Statement and Mapping – relates to the protection of 'Kenny-built' residences.	The Plan contributes towards the protection of architectural heritage with or without this SLO.
Map 2 All references to the "forthcoming Blackrock LAP" should be updated to reflect the recent adoption of the LAP.	No additional potential effects relating to this Proposed Material Alteration.
Map 3 Insert SLO on Map 3 and Written Statement to read, as follows: <i>"To enhance the character, ambiance and quality of the environment, historic streetscapes and public realm of the residential streets in the areas adjoining Lower George's Street, Dún Laoghaire and in particular, the areas of early twentieth century social housing, to ensure that the public realm in this older residential area which, is in close proximity with the core business district of the Town, is enhanced, improved and maintained to the standard provided for other residential and business districts adjoining Upper and Lower George's Street".</i> Note to drawing office: (Map 3 - PL-15-019 with the area delineated in red, attached)	Through improvement of the public realm this SLO has the potential to contribute towards sustainable mobility (with associated effects upon energy usage and emissions to air) and contribute towards the protection of cultural heritage. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from development under this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Map 3 Amend the text of SLO. No 13 to read as follows: <i>"To facilitate the continued development of the Harbour, ensuring at all times that the historic significance and natural beauty of this public amenity is protected, in advance of the preparation of the Dún Laoghaire and Environs Local Area Plan (LAP). Following the adoption of the Dún Laoghaire and Environs LAP, the future development of the Harbour will, thereafter, be guided by the principles and objectives of the Plan and that of Policy E14".</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Map 3 New SLO at Dun Leary House. Insert on Map 3 and Written Statement <i>'That Dun Leary House (Yellow Brick House) and associated boundary be retained in situ and renovated'.</i>	This Proposed Material Alteration will further contribute towards the beneficial effects upon the protection of architectural heritage which are already provided for by the Draft Plan.
Map 3 New SLO re: DLUPF: <i>"To encourage and support the redevelopment and refurbishment of the Dún Laoghaire Shopping Centre Site - in accordance with the provisions of the Dún Laoghaire Urban Framework Plan - in advance of the adoption of the Dún Laoghaire and Environs Local Area Plan (LAP)."</i>	Through redevelopment of this site this SLO has the potential to contribute towards sustainable mobility (with associated effects upon energy usage and emissions to air). Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Map 5 Insert SLO on Map 5 <i>"To support and promote the sporting and amenity use on the lands known as St. Thomas Estate, Tibbradden Road, Whitechurch - towards the development of facilities and activities which would integrate with the wider community and established regional parklands and promote the development of athletics by Dundrum South Athletic Club in Dún Laoghaire-Rathdown."</i>	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.

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<p>Insert SLO in relation to use of Total Fitness Site on Map 5 and Written Statement: <i>"To facilitate suitable proposals for the use/reuse and extension of the existing sports science complex and health and fitness club facility at Blackglan Road/Ticknock Drive and to provide for suitable uses, including uses relating to health and fitness, rehabilitation services an transitional/step-down' care services and associated medical support services including the provision of an appropriate level of associated short-stay accommodation on the site"</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.</p>
<p>Map 5 & Map 1 Amend the recommended change set out on Pages 122/123 and 371/372 of the Chief Executive's report, relating to SLO No. 6 to read, as follows: <i>"To promote potential additional future uses of the Dublin Eastern Bypass reservation corridor, including a greenway/cycleway, a pedestrian walkway, biodiversity projects, recreational opportunities inclusive of playing pitches and public transport provision such as Bus Rapid Transit services, pending a decision from the National Roads Authority/Central Government in relation to the future status of the Bypass. Any potential additional future short-term uses of the reservation corridor will be subject to a joint feasibility study to be undertaken by the NRA and NTA."</i></p>	<p>The Plan does not provide for the development of the Eastern Bypass route; any plans/projects providing for the development of this route would need subject to SEA and AA as appropriate. Were development of the route to occur, reservation of the route corridor now would facilitate the avoidance of future disturbance of development areas and associated potential effects upon various environmental components.</p> <p>Projects arising from any the part of SLO 6 relating to 'greenway/cycleway' and 'biodiversity projects' would have the potential to improve environmental components including sustainable mobility (and associated interactions with emissions to air), ecology and flood risk management. However, projects such as greenways and walkways have the potential to result in adverse effects upon environmental components including habitats and species. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, including requirements relating to lower tier assessments, it is determined that potential adverse effects upon the environment arising from such projects will be mitigated so as not to be significant. See also Table 2.2.</p>
<p>Insert SLO onto Map 6 and Written Statement to read as follows: <i>"To support and facilitate the provision of a swimming pool and leisure facility within the Stillorgan area."</i></p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.</p>
<p>Map 6 Insert SLO: <i>"To Protect and support the continuation of playing pitches at Páirc Uí Bhriain."</i></p>	<p>No additional potential effects relating to this Proposed Material Alteration.</p>
<p>Map 7 Change name of the Table relating to Map 7 on page 249 from "Cabinteely/Killiney" to <i>"Cabinteely/Killiney/Sallynoggin"</i></p>	<p>No additional potential effects relating to this Proposed Material Alteration.</p>
<p>Map 7 New SLO: <i>"To facilitate, support and enhance the development of the area, that both roundabouts at Killiney Shopping Centre (Graduate roundabout) and at Glenageary, are retained to ensure proper traffic management of the area."</i></p>	<p>Proper traffic management could contribute towards sustainable mobility (with associated effects upon energy usage and emissions to air).</p>
<p>Map 7 Amend the wording of SLO No. 132 as follows: <i>"To encourage the redevelopment and refurbishment of the former Killiney Beach Tea Rooms within the size and scale of the permitted development, and generally confined to the uses permitted under Reg. Ref. D09A/0034/E. In particular no more than two residential units to be provided on the site."</i></p>	<p>No additional potential effects relating to this Proposed Material Alteration.</p>
<p>Map 9 Amend SLO No.36 to read, as follows: <i>"To prepare and adopt a Masterplan to develop Fernhill Gardens into a 'Gateway' Park/Regional Park with all the recreational amenities associated with a major park, such as pitches, playground, ponds, paths and a car park. The Masterplan should also ensure the continued conservation of Fernhill House and the preservation of trees, woodlands and amenity gardens at Fernhill"</i>.</p>	<p>Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that all potential effects arising from this Proposed Material Alteration either are present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse). See also Table 2.2.</p>
<p>Map 9 Replace the wording to reflect the correct wording for SLO No.131 as follows: <i>"To provide for the development of a Neighbourhood Centre in the north-east 'quadrant' of the Park, Carrickmines, with a net retail floorspace cap of 6000 sq.m. and a leisure facility, which will help meet the existing and future retail and leisure needs of the growth areas of Carrickmines, Stepside-Ballyogan and Kiltiernan-Glenamuck"</i>.</p>	<p>This Proposed Material Alteration places a cap on retail floorspace and requires that a leisure facility is included in the development. By providing for the needs of the growth areas of Carrickmines, Stepside-Ballyogan and Kiltiernan-Glenamuck, this amendment would be likely to contribute towards sustainable mobility. Various potential adverse effects upon the environment arising from the development of the Neighbourhood</p>

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	Centre will be mitigated so as not to be significant by measures which have been already integrated into the Draft Plan. See also Table 2.2.
Map 9 Carrickmines castle SLO. Insert SLO on Map 9 and Written Statement to read as follows: <i>"To conserve and protect Carrickmines Castle site and to proceed to implement the Carrickmines Conservation Plan"</i> .	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that this Proposed Material Alteration will further contribute towards the beneficial effects upon the environment which are already provided for by the Draft Plan.
Map 9 Insert an SLO relating to the crematorium at Ballycorus. Insert SLO on Map 9 and within the Written Statement to read as follows: <i>"To provide for a crematorium on lands zoned for agricultural purposes at Ballycorus Road"</i> .	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Map 10 Amend the text associated with SLO No. 42 to read: <i>"To liaise with the National Roads Authority (NRA) to investigate potential improvements to the Loughlinstown Roundabout with any such improvements to be informed by the outcomes of the NRA's on-going Corridor Studies."</i> To prepare and implement a design for the grade separation of the Loughlinstown Roundabout as a Long Term Roads Objective	No additional potential effects relating to this Proposed Material Alteration.
Map 14 Amend the text associated with SLO No. 56 to read: <i>"To investigate the potential upgrading of the Wilford interchange to provide connectivity to lands west of the M11 and Old Conna Village with any such improvements to be informed by the outcome of the NRA's on-going Corridor Studies."</i> To upgrade the Wilford Interchange in order to provide connectivity to lands west of the M11 and Old Conna Village.	No additional potential effects relating to this Proposed Material Alteration.
Insert SLO on Map 14 and within the Written Statement to read as follows, <i>"To facilitate the provision of a pedestrian corridor connecting Cois Cairn to the Dublin Road, in conjunction with the development of the Council owned 'E' zoned lands and the upgrading of the Wilford Interchange"</i>	By providing for a pedestrian corridor, this SLO has the potential to contribute towards sustainable mobility (with associated effects upon energy usage and emissions to air). Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
RPS/ACA Amendments under this heading include amendments, deletions and inclusions of entries to the Record of Protected Structures and a new Architectural Conservation Area	The Plan contributes towards the amendments to the Record of Protected Structures.
Appendix 8 Public Rights Of Way/Recreational Access Routes To avoid making any premature decisions which may give rise to judicial challenge it is recommended that, subject to resources, a list of purported additional rights-of-way be investigated during the lifetime of the 2016 - 2022 County Development Plan and that the provision of Section 206 of the Planning and Development Act, which allows for creation of a right-of-way by means of agreement with the landowners consent, also be investigated thus avoiding litigation.	Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Appendix 12 Dún Laoghaire Urban Framework Plan New SLO on page 20 of UFP & map 3 <i>"To encourage and support the redevelopment and refurbishment of the Dún Laoghaire Shopping Centre Site - in accordance with the provisions of the Dún Laoghaire Urban Framework Plan - in advance of the adoption of the Dún Laoghaire and Environs Local Area Plan (LAP)."</i>	Through redevelopment of this site this SLO has the potential to contribute towards sustainable mobility (with associated effects upon energy usage and emissions to air). Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Map 3 & DLUPP New SLO for harbour to state: <i>"In accordance with the National Ports Policy, the Council shall, within the relevant planning frameworks, formulate and implement, where appropriate and applicable, a plan for the future development of Dún Laoghaire Harbour and its curtilage as determined by Part 1, subsection 6 of the Third Schedule of the Harbours Act, 1996."</i>	This SLO relates to the Dún Laoghaire Harbour area similarly to other Draft Plan provisions including SLO 13. There is potential for such a plan to both further contribute towards the protection of the environment (including biodiversity and flora, cultural heritage, the landscape etc.) and to potentially conflict with this protection by providing for new development. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards

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	environmental protection, environmental management and sustainable development, including requirements relating to lower tier assessments, it is determined that all potential effects arising from this Proposed Material Alteration either are present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse). See also Table 2.2.
Map 3 New SLO: <i>"To support and encourage the development of a national watersports centre to facilitate training and participation in a varied range of water sports and activities to provide a focus for national and international watersport events. Site appraisal and analysis of the Harbour environs to identify the optimum location(s) for such a centre to be expedited as an integral component of the forthcoming Dún Laoghaire and Environs LAP."</i>	This SLO relates to the Dún Laoghaire Harbour area similarly to other Draft Plan provisions including SLO 13. There is potential for such uses and activities to potentially conflict with the protection of environmental components such as biodiversity and flora, cultural heritage, the landscape etc. Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that potential adverse effects upon the environment arising from this Proposed Material Alteration will be mitigated so as not to be significant. See also Table 2.2.
Appendix 15 Sandyford Urban Framework Plan	
It is recommended that Objective F2 be amended, as follows: Attach an asterisk demarcating the following caveat to Objective F2: "The utilisation of the site as active open space is dependent on the upgrading of the reservoir, which forms an integral part of the Vartry Supply Scheme, being realised."	No potential effects relating to this Proposed Material Alteration.
Mapping Changes	
There are a number of mapping changes proposed – please see accompanying Proposed Material Alteration documentation.	There are various changes to the maps – these include changes to SEOs (dealt with above) and changes to the application of zoning objectives to certain areas. The changes to the application of zoning objectives to certain areas do not affect the mixture of scenarios for the Draft Plan which emerged from the Draft Plan preparation/SEA process. Some of the changes would potentially conflict with environmental components as they would make built development more likely on certain lands however the measures which have already been integrated into the Draft Plan will ensure that environmental sensitivities are protected and significant adverse effects do not occur.
Miscellaneous	
Ensure all Dun Laoghaire / Dun Laoghaire Rathdown are 'Dún Laoghaire / Dún Laoghaire-Rathdown' throughout the entire draft plan and associated documents.	No potential effects relating to this Proposed Material Alteration.

Table 2.2 Detail of potential effects, if unmitigated, mitigation measures for potential effects and residual adverse effects

Environmental Component	Likely Significant Effect, if unmitigated	Mitigation Measure Reference(s) from the Draft Plan, including	Residual Adverse Effects
Biodiversity and Flora and Fauna	Loss of biodiversity with regard to Natura 2000 Sites and Annexed habitats and species & Loss of biodiversity with regard to designated sites including Wildlife Sites and listed species	Policy LHB16: Protection of Natural Heritage and the Environment* Policy LHB17: Habitats Directive* Policy LHB19: Designated Sites* Policy LHB24: Geological Sites Development Management 8.2.2 (v) Appropriate Assessment Development Management 8.2.9.4 Appropriate Assessment Development Management 8.2.7.1 Biodiversity Policy LHB13: National Park* Appropriate Assessment & Coastal Cycling Infrastructure Objective Policy EI1: Water Supply & Appropriate Assessment Policy EI2: Wastewater Treatment & Appropriate Assessment* Policy E13: Surface Water Drainage & Appropriate Assessment* Policy E14: Groundwater Protection & Appropriate Assessment	Loss of an extent of non-protected habitats arising from the replacement of semi-natural land covers with artificial surfaces
	Loss of biodiversity with regard to ecological connectivity and stepping stones	Policy LHB20: Non-Designated Areas of Biodiversity Importance* Policy LHB 21: County-Wide Ecological Network* Policy LHB22 Rivers and Waterways* Policy LHB23: Hedgerows* Policy LHB26: Invasive Species	
Population and Human Health	Spatially concentrated deterioration in human health	Radon Gas Policy CC11 Policy EI25: Major Accidents Policy EI20: Air and Noise Pollution Also see measures related to soil, water quality, flooding, waste water treatment and drinking water supply and quality.	None
Soil	Damage to the hydrogeological and ecological function of the soil resource	Development Management 8.2.9.7 New Developments–Environmental Impacts Also see measures related to water quality and waste water treatment.	Loss of an extent of soil function arising from the replacement of semi-natural land covers with artificial surfaces
Water	Adverse impacts upon the status and quality of water bodies, including bathing waters	Policy EI22: Water Pollution Policy EI23: Rathmichael Ground and Surface Water Protection Policy E13: Surface Water Drainage & Appropriate Assessment* Policy E14: Groundwater Protection & Appropriate Assessment Policy EI6: Integrated Water Management Plans* Policy EI7: Water Quality Management Plans Policy EI8: Sustainable Drainage Systems* Policy EI10: Storm Overflows of Sewage to Watercourses* Policy LHB9: Beaches Also see measures related to water quality and waste water treatment.	Flood related risks remain due to uncertainty with regard to extreme weather events
	Increase in the risk of flooding	Policy CC13: Catchment Flood Risk and Management (CFRAM)*. Policy CC14: Flood Risk Management*. Policy CC15: Coastal Defence*. Policy EI8: Sustainable Drainage Systems* Policy EI9: Stormwater Impact Assessments* Policy LHB22 Rivers and Waterways*	
Material Assets	Failure to provide adequate and appropriate waste water treatment & Failure to comply with drinking water regulations and serve new development with adequate drinking water that is both wholesome and clean	Policy EI5: Water Supply and Wastewater* Policy EI11: Water Services Investment Programme* Development Management 8.2.9.3 Environmental Impact Assessment	Residual wastes to be disposed of in line with higher level waste management policies

Environmental Component	Likely Significant Effect, if unmitigated	Mitigation Measure Reference(s) from the Draft Plan, including	Residual Adverse Effects
	Increases in waste levels	Policy EI12: Waste Management Strategy* Policy EI13: Waste Plans Policy EI14: Private Waste Companies Policy EI15: Waste Prevention and Reduction* Policy EI16: Waste Re-use and Re-cycling* Policy EI17: Refuse Disposal* Policy EI18: Hazardous Waste Policy EI19: Rehabilitation of the Former Ballyogan Landfill	
Air and Climatic Factors	Failure to contribute towards sustainable transport and associated impacts	See Sustainable Communities Strategy in Section 2 of the Plan. Also: Policy CC1: National Climate Change Adaptation Framework.* Policy CC2: Development of National Climate Change Policy and Legislation.* Policy CC3: Development of National Energy Policy and Legislation.* Policy CC4: Sustainable Energy Action Plan* Policy CC5: Limiting Emissions of Greenhouse Gases.*	None
Cultural Heritage	Effects on entries to the Record of Monuments and Places and other archaeological heritage	Policy AH1: Protection of Archaeological Heritage Policy AH2: Protection of Archaeological Material in Situ Policy AH3: Protection of Historic Towns Policy AH4: Carrickmines Castle Site Policy AH5: Historic Burial Grounds Policy AH6: Underwater Archaeology	Potential alteration to the context and setting of architectural heritage (Protected Structures) however these will occur in compliance with legislation
	Effects on entries to the Records of Protected Structures, Architectural Conservation Areas and other architectural heritage	Policy AR1: Record of Protected Structures Policy AR2: Protected Structures Applications and Documentation Policy AR3: Protected Structures and Building Regulations Policy AR4: National Inventory of Architectural Heritage (NIAH) Policy AR5: Buildings of Heritage Interest Policy AR6: Protection of Buildings in Council Ownership Policy AR7: Energy Efficiency of Protected Structures Policy AR8: Nineteenth and Twentieth Century Buildings, Estates and Features Policy AR9: Protection of Historic Street Furniture Policy AR10: Protection of Coastline Heritage Policy AR11: Industrial Heritage Policy AR12: Architectural Conservation Areas Policy AR13: Demolition within an ACA Policy AR14: Shopfronts within an ACA Policy AR15: Public Realm and Public Utility works within an ACA Policy AR16: Candidate Architectural Conservation Areas (cACA) Policy AR17: Development within a cACA	Potential alteration to the context and setting of archaeological heritage (Recorded Monuments) however this will occur in compliance with legislation Potential loss of unknown archaeology however this loss will be mitigated by measures integrated into the Draft Plan
Landscape	Occurrence of adverse visual impacts	Policy LHB1: Preservation of Landscape Character Areas* Policy LHB2: Seascape Policy LHB3: High Amenity Zones* Policy LHB4: Historic Landscape Character Areas Policy LHB5: Views and Prospects Policy LHB6: Coastal Zone Management and Dublin Bay* Policy EI21: Light Pollution	None

Section 3 Conclusion and Recommendations

With regard to the Material Alteration proposing to remove Policy EI123 and Specific Local Objective 126, as is recommended by the AA, it is recommended that these provisions are kept within the Plan and not removed. This is to ensure the highest protection of groundwater and associated environmental components including the integrity of the Ballyman Glen cSAC.

Taking into account the measures that have already been integrated into the Draft Plan which contribute towards environmental protection, environmental management and sustainable development, it is determined that all potential adverse effects arising from all other Proposed Material Alterations are either present already (beneficial) and will be further contributed towards or will be mitigated so as not to be significant (adverse).

The Proposed Material Alterations do not change the mixture of scenarios for the Draft Plan which emerged from the Draft Plan preparation/SEA process (see Section 7 of the SEA Environmental Report provided at Appendix I).

Appendix I

Part 1

SEA ENVIRONMENTAL REPORT

Please see SEA Environmental Report on Dún Laoghaire-Rathdown County Council's website at:

http://www.dlrcoco.ie/files/devplan2016_2022/media/pdf/SEA_Environmental_Report.pdf

Appendix I Part 2

SEA ENVIRONMENTAL REPORT NON-TECHNICAL SUMMARY

Please see SEA Environmental Report Non-Technical Summary on Dún Laoghaire-Rathdown County Council's website at:

[http://www.dlrcoco.ie/files/devplan2016_2022/media/pdf/Non Technical Summary of the SEA Environmental Report.pdf](http://www.dlrcoco.ie/files/devplan2016_2022/media/pdf/Non_Technical_Summary_of_the_SEA_Environmental_Report.pdf)

