

EAST AYRSHIRE COUNCIL Local Development Plan 2

Environmental Report

Contents Page

1.	INTRODUCTION
2.	CONTEXT
3.	Relationship between other Plans, Programmes and Strategies (PPS's) . 11
4.	Baseline Environmental Data 12
5.	Environmental Assessment
6.	SEA Approach and Assessment Methodology25
7.	Assessment Results30
8.	Cumulative and Synergistic Impact Assessment
9.	Mitigation and Monitoring 66
10.	Next Steps
А р	pendices
۸nr	pendix 1: SEA Consultee Comments to Scoping Report
• •	pendix 1. SEA Consultee Comments to MIR Environmental Report
	pendix 2.2: SEA Consultee Comments to PLDP2 Environmental Report
	Dendix 3: Key Plans, Programmes and Strategies which inform the development DP2
App	pendix 4: SEA Objectives and Sub-Criteria Questions
App	pendix 5: Baseline Environmental Data and Sources
App	pendix 6: State of the Environment, Baseline Data and Issues
App	pendix 7: Stage 1 Assessment Tables
App	pendix 8: Stage 2 Assessment Tables
App	pendix 9: NatureScot Joint Assessment Proforma
App	pendix 10: LDP2 SEA Site Assessment Proforma

Appendix 11.1 - 11.26: LDP2 Site Proforma Stage 2 Assessments:

Appendix 11.1 – Auchinleck

Appendix 11.2 – Bank Glen, Connel Park and Leggate

Appendix 11.3 – Burnside

Appendix 11.4 – Catrine

Appendix 11.5 – Crookedholm

Appendix 11.6 – Crosshouse

Appendix 11.7 – Cumnock

Appendix 11.8 – Dalmellington

Appendix 11.9 – Dalrymple

Appendix 11.10 – Darvel and Priestland

Appendix 11.11 – Drongan

Appendix 11.12 – Dunlop

Appendix 11.13 – Fenwick and Laigh Fenwick

Appendix 11.14 – Galston

Appendix 11.15 – Gatehead

Appendix 11.16 – Hurlford

Appendix 11.17 – Kilmarnock

Appendix 11.18 – Kilmaurs

Appendix 11.19 – Knockentiber

Appendix 11.20 – Mauchline

Appendix 11.21 – Muirkirk

Appendix 11.22 – New Cumnock

Appendix 11.23 – Newmilns

Appendix 11.24 - Patna

Appendix 11.25 – Rural Area

Appendix 11.16 – Stewarton

Appendix 12: Consultee Comments on MIR Sites

All appendices are saved as separate documents and available on East Ayrshire Council's website.

List of Figures

Figure		Page
1	Relationship between the LDP2 MIR and Other Plans, Programmes and Strategies (PPS)	11
2	State of the Environment Trends	15
List of N	Maps	
Мар		Page
1	Area covered by the Environment Report	8
List of T	ables	
Table		Page
1 2 3 4 5 6 7 8 9 10	Key Stages of the LDP2 and SEA Process Key Facts SEA Objectives Overview Summary and Overview of Environmental Characteristics Affected by LDP2 at Stage 1 of the Assessment Process Environmental Topics and Associated Receptors Policies and Proposals Screened into Stage 2 Assessment Summary of Stage 1 Outcomes Summary of Stage 2 Outcomes Summary of LDP2 Site Assessment Outcomes Monitoring and Mitigation Measures for SEA Targets	5 8 20 22 25 32 36 45 55 68
Matrix		Page
1 2 3	Stage 1 Assessment Matrix Stage 2 Assessment Matrix Cumulative and Synergistic Impact Assessment	27 28 30

1. INTRODUCTION

Local Development Plan 2

- 1.1. The Local Development Plan 2 (LDP2) is being prepared under the provisions of the Town and Country Planning (Scotland) Act 1997 (as Amended). It also takes into account a wide range of publications and views including the National Planning Framework 4 (NPF4), National Transport Strategy 2 (NTS2), the Ayrshire Regional Spatial Strategy, the Council's Community Plan 2015-2030, and other various Council strategies such as the Local Housing Strategy. LDP2 will replace the East Ayrshire Local Development Plan 2017 and East Ayrshire Minerals Local Development Plan 2020 upon adoption. The LDP2 is the subject of the assessment contained in this Environmental Report.
- 1.2. LDP2 sets out the vision, spatial strategies, proposals, policies and development opportunity sites for future development in East Ayrshire. Map 1 shows the boundaries and geographical extent of East Ayrshire.
- 1.3. LDP2 is required to undergo a Strategic Environmental Assessment (SEA) in accordance with the Environmental Assessment (Scotland) Act 2005. This is to assess the likely significance of the environmental effects of the implementation of the LDP2.

Statutory Requirement for SEA

Environmental Assessment (Scotland) Act 2005

- 1.4. Throughout the preparation of East Ayrshire Council's Local Development Plan 2, the Council are required to undertake a Strategic Environmental Assessment (SEA) under the provisions of the Environmental Assessment (Scotland) Act 2005 (referred to as "the Act" within this document). The Environmental Report (ER) has been prepared in accordance with Section 5 (3) of the Act. The SEA is concerned with the protection of the environment. It is a beneficial and process assessment which ensures that thorough environmental considerations are taken on board at an early stage in the Local Development Plan preparation process, to ensure development takes place in the right location with minimal environmental impact.
- 1.5. The preparation of the Environmental Report has followed the Scottish Government's SEA Guidance which was published in August 2013.
- 1.6. The SEA is an integral part of, and will be taken into account throughout, the Local Development process. At key stages, the public will be able to comment on the environmental assessment and all comments will be taken on board.

1.7. A Scoping Report was submitted to the consultation authorities through the SEA Gateway in April 2019. Responses received during this consultation can be viewed in Appendix 1. The Main Issues Report and associated Interim Environmental Report was submitted to the consultation authorities through the SEA Gateway, and open to public consultation from 1st June 2020 to 31st July 2020. Responses from the Consultation Authorities were received on the 31st July 2020. The Consultation Authorities comments have been taken into consideration in the preparation of this Environmental Report. Appendix 2 details our responses to the Consultation Authorities Comments.

Key Stages of the SEA Process

1.8. The Act (2005) identifies a number of key stages to be undertaken for a SEA and these are outlined below:

Table 1: Key Stages of the LDP2 and SEA Process

Timescale	LDP/SEA Stage	
	Preparation of the Scoping Environmental Report	:
Quarter 1 - 2019	 ❖ Gather comments/feedback from SEA Consultation Authorities ❖ Submit Scoping Report to SEA Gateway. 	Complete
Preparation	of the Main Issues Report (MIR) and Interim Environ	mental Report:
Quarter 4 2019 and Quarter 1 - 2020	 Collate baseline environmental information (including information regarding European and international designations) Consider comments received on the Scoping Report from Consultation Authorities and refine the methodology. Undertake a Stage 1 Assessment of the MIR by environmentally appraising the preferred and alternative options (including the identification of potential sites and subsequent environmental implications of inclusion within LDP2). 	Complete
Publication and consultation period on MIR and Interim Environmental Report (minimum of 6 weeks):		

Quarter 2 - 2020	 Publish Interim Environmental Report and MIR documents for public consultation. Consultation period held between the 1st June 2020 – 31st July 2020. Submit documents to SEA Gateway Continue to consider implications of main issues Consider comments received Environmentally appraise the Proposed Plan Make the necessary amendments to the Environmental Report and assessment outcomes if required. 	Complete	
	Preparation of the Proposed Local Development Pla	an:	
Quarters 1, 2, 3 and 4 - 2021	 Consider comments received from Interim Environmental Report and MIR Consider comments from SEA Consultation Authorities on Interim Environmental Report Undertake the preparation of policies and proposals of Proposed Plan by environmentally appraising proposed policies and sites. LDP2 Main Issues Report is assessed against the SEA Objectives. Assessment of alternatives to the preferred options for addressing the main issues are also assessed. Requirements for mitigation and monitoring are reported. 	Complete	
Publication and consultation on the Proposed Plan and Environmental Report (Minimum of 6 weeks):			
Quarter 1 – 4 2022	 The Consultation Authorities will provide a response on the Environmental Report via the SEA Gateway within 12 weeks of receipt. The Consultation Authorities will advise on the content of the Environmental Report and provide feedback which will be considered Consultation period for proposed plan – 23rd May 2022 to 22nd July 2022. Prepare a summary of Schedule 4 documents (unresolved representations) and a report of conformity with participation statement 	Complete	
	Submit Proposed Plan to Examination:		
Quarter 1 2023	 Consider response to Proposed Plan Prepare a summary of Schedule 4 documents (unresolved representations) and a report of conformity with participation statement Submit the Proposed Plan, Schedule 4 documents, proposed Action Programme and 	Complete	

	Statement of Conformity to the Scottish Ministers. Advertise submission of the Proposed Plan. Submit Environmental Report to Scottish Ministers. Advertise submission of the Environmental Report.		
Out out on A	Examination Report Issued:		
Quarter 4 2023	Examination Report published and submitted to planning authority.	Complete	
Pı	ublish modifications and the Proposed Plan as mod	ified:	
Quarter 1 - 2024	Planning authority considers recommendations and prepares Modifications, Proposed Plan as modified and Statement of Explanation for not accepting any recommendations. Publish Modifications and Proposed Plan as modified. Advertise intention to adopt Plan. Send Ministers the Proposed Plan as modified etc. * Environmentally appraise modified Plan. Cary out Appropriate Assessment of modified Plan if required. * Ministers publish revised Environmental Report (and revised HRA Record) if required * Publish Post-Adoption SEA Statement and submit to SEA Gateway	Complete	
	Adoption of the Proposed Plan:		
Quarter 1 - 2024	 East Ayrshire Council adopts the Proposed Plan as LDP2 	Current Stage	
	Post-Adoption SEA Statement:		
Quarter 3 - 4 - 2024	 Publish Post-Adoption SEA Statement and submit to SEA Gateway 	X	
	Mitigation and Monitoring:		
2024 and beyond	Following adoption, East Ayrshire Council will be responsible for monitoring the implementation of LDP2.	X	

Key Facts

1.9. Table 2 below contains the key facts relating to the PLDP:

Key Fact	Detail
Responsible Authority	East Ayrshire Council
Title of the Plan/Programme	East Ayrshire Local Development Plan 2 Environmental Report: Strategic Environmental Assessment (February 2024)
What prompted the Plan	The East Ayrshire Local Development Plan (LDP1) was adopted in 2017. That Plan must be reviewed and replaced within a 5 year period of adoption. The review will focus on wider impacts of the existing LDP on the area and how far the objectives and vision of that original LDP have been realised. The East Ayrshire Minerals Local Development Plan (MLDP) was adopted in 2020. That Plan is being integrated with the Local Development Plan. The review will focus on wider impacts of the existing MLDP on the area and how far the objectives and vision of that original LDP have been realised.
Plan subject	Land-use planning
Period covered by the Plan	2024-2029
Frequency of Updates	5 years
Plan area	East Ayrshire Council (whole authority). See Map 1.
Purpose of the Plan/Objective	LDP2 will be a land-use management document, which provides a spatial management strategy in line with the Council's priorities (replacing the current LDP and MLDP).

Table 2: Key Facts

1.10. The main points of contact for the LDP2 and SEA are as follows:

Alison O'Kane	Rachel Hall
Principal Planning Officer	Acting Senior Planning Officer
Development Planning and Regeneration	Development Planning and Regeneration
Economic Growth	Economic Growth
The Opera House	The Opera House
8 John Finnie Street	8 John Finnie Street
Kilmarnock	Kilmarnock
KA1 1DD	KA1 1DD
Tel No: 07823 786111	Tel No: 07823 786124
Email: Alison.O'Kane@east-ayrshire.gov.uk	Email: Rachel.Hall@east-ayrshire.gov.uk

Stirling **M9** M80 Edinburgh Glasgow M74 Kilmarnock Cumnock A74(M)

Map 1: Area covered by the Environment Report

Map 1: Illustrates the context of East Ayrshire in relation to key cities such as Glasgow and Edinburgh. Map 2 illustrates the extents of East Ayrshire in a simplistic form.

2. CONTEXT

Background

- 2.1. The process and timeframe for the preparation and adoption of the LDP2 and SEA is contained within the Council's Development Plan Scheme, which was approved by East Ayrshire Council's Cabinet on 19 April 2023.
- 2.2. The form and content of LDP2 is contained within Section 15 of the Town and Country Planning (Scotland) Act 1997 (as amended). The LDP2 is the subject of the assessment contained in this Environmental Report and has been prepared under the provisions of the Town and Country Planning (Scotland) Act 1997 (as amended). It also takes into account the provisions of the Development Planning (Scotland) Regulations 2008, the National Planning Framework 4 and the East Ayrshire Community Plan. Section 10 of the Town and Country Planning (Development Planning) (Scotland) Regulations 2008 provides further guidance on the information and considerations that the Proposed Plan must reflect.

Scope of the LDP2

- 2.3. The LDP2 sets out how the Council wants to see East Ayrshire develop over the next 10-20 years and provides the Council's planning policy framework for all matters, including matters covered by the Minerals Local Development Plan (2020), which LDP2 will supersede. NPF4 now forms part of the development plan framework of East Ayrshire (published 13 February 2023). An environmental assessment of NPF4 has been carried out by the Scottish Government.
- 2.4. The LDP2 consists of the following:
 - ✓ Spatial portrait of East Ayrshire as a Place
 - √ Vision
 - ✓ Aims
 - ✓ Spatial Strategy centred around five key themes (which detail how the vision and aims will be realised);
 - ✓ Detailed policies and proposals to be utilised in the consideration of the development and use of land
 - ✓ Settlement maps which illustrate spatially where development should be directed;
 - ✓ Series of relevant schedules and lists
 - ✓ Supplementary guidance

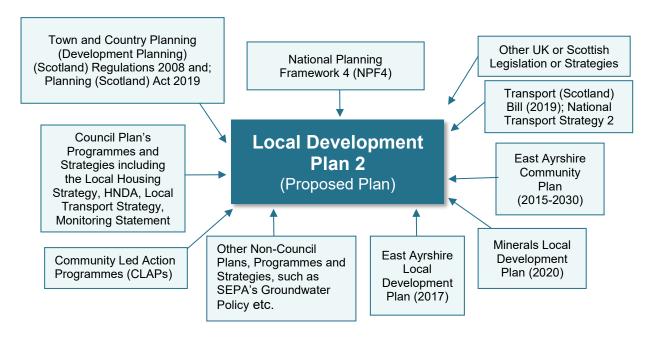
3. Relationship between other Plans, Programmes and Strategies (PPS's)

3.1. LDP2 is influenced by a wide range of International, European, National and local plans, programmes and strategies (PPS). Schedule 3 (1) of the Act requires the environmental report to contain details of the relationship of LDP2 with other PPSs and consider their content, objectives and visions. Appendix 3 provides a list of all of the relevant PPS that have influenced the content of LDP2.

Hierarchy of Plans, Programmes and Strategies

- 3.2. Identifying the PPSs which are of relevance to LDP2 will assist in understanding LDP2's position in the hierarchy of PPSs. The LDP2 is therefore not an isolated document, it sits within a hierarchy of Plans, Programmes and Strategies (PPS's). Establishing LDP2's context amongst other PPSs will also assist in identifying the environmental objectives which are applicable to these documents, and the implications which these objectives will have for LDP2.
- 3.3. The LDP2 sites within a hierarchy of PPS's. Figure 1 below shows, in diagrammatical form, where the Proposed Plan is located within the hierarchy.

<u>Figure 1</u>: Relationship between the LDP2 and Other Plans, Programmes and Strategies (PPS)



- 3.4. Appendix 3 provides an extensive list of the PPSs which are of relevance to LDP2 and how they will affect or be affected by LDP2 and how the LDP2 needs to take these into consideration throughout the preparation of the Plan.
- 3.5. The LDP2 will also have an inter-relationship with the documents which form the Development Plans of neighbouring Local Authorities.
- 3.6. The LDP2 will set the policy framework for forthcoming Supplementary Guidance.

Environmental Protection Objectives

3.7. The environmental objectives that are contained within International, European, UK and Scottish legislation, as well as national advice and guidance, which are considered to be of the greatest relevance to the LDP2, will be taken into account when preparing the LDP2. These environmental protection objectives are contained within Appendix 3 and 5.

4. Baseline Environmental Data

- 4.1. Schedule 3 subsection 2-5 of the Environmental Assessment (Scotland) Act 2005 requires that the Environmental Report provides information on the:
 - Current state of East Ayrshire's environment
 - Likely evolution of the environment without LDP2
 - Environmental characterises of the area that will likely be significantly affected by LDP2
 - The international, national, regional and local environmental protection objectives which are relevant to LDP and how these have been taken into account
 - ❖ Any existing environmental problems which are relevant to the LDP2.
- 4.2. Gathering and collating baseline environmental data is an integral part of the SEA process, providing a snapshot of the environment at that point of time. In doing so, the SEA highlights existing environmental problems which need to be addressed; these are then utilised in order to forecast future environmental impacts of the implementation of LDP2. Baseline environmental data directly informs the development of SEA objectives which the LDP2 will be assessed against. Baseline environmental data can be used to predict the future impacts that the implementation of the Plan will have on the environment.

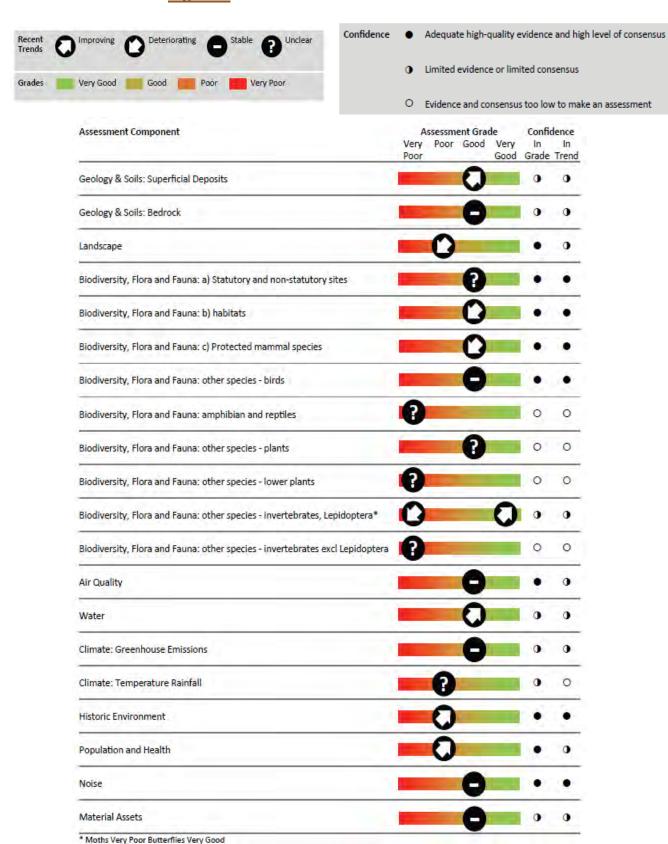
- 4.3. The Environmental Report for the LDP2 will produce a full and comprehensive list of baseline environmental data, utilising GIS mapping where possible, to show the geographical location and scale of key environmental designations and utilising the recently updated State of the Environment Report (2019). Appendix 6 summarises the key baseline environmental information and the environmental implications for the preparation and development of the LDP2.
- 4.4. Appendix 5 also sets out the suggested detailed SEA objectives for assessment purposes. These have been developed taking into account the summary baseline information collated and the environmental implications for the MIR and LDP2. The SEA objectives will be used to assess these documents and provide the basis for the development of sub-criteria/questions in Appendix 5.

Existing Environmental Issues and Problems

- 4.5. The Environmental Report identifies current environmental issues that affect East Ayrshire by utilising information that has been identified through an analysis of environmental baseline data and implications, which are contained in Appendix 4 and 6 and are detailed within the State of the Environmental Report (2019).
- 4.6. In overall terms, the quality of baseline environmental information is good across most of the topic area with the exception of some ecological data being of poor quality, fragmented or not available. 65% of the assessment components (Geology and Soils, Biodiversity, etc.) have been scored as "Good" with 5% being scored as "Very Good". 25% of the assessment components are improving with 30% stable and 20% degrading.
- 4.7. The key environmental issues facing East Ayrshire are:
 - ❖ Significant landscape change in some rural areas as a result of the nature and scale of minerals development, windfarm developments, residential development as well as changes to agricultural and forestry practices.
 - ❖ Cumulative impacts from both minerals and windfarm developments. The assessment trends in landscape and visual impacts are currently deteriorating and measured as being in poor condition.
 - ❖ The amount of vacant units within town centres is increasing and this is causing an adverse impact on the image of town centres. Town centres across East Ayrshire especially Kilmarnock are in need of environmental improvement and regeneration;

- Loss and/or fragmentation of habitats and species. The assessment trends in biodiversity, flora and fauna, specifically habitats and protected species, are currently in good condition but are deteriorating. The extent and quality of natural bird resources for breeding and wintering has decreased.
- ❖ Damage to internationally designated sites. The assessment trends indicate that 8 sites remain in an unfavourable condition.
- ❖ Pollution and reduced air quality from road traffic, rural sources and minerals extraction.
- Changes in climate pose issues regarding extreme flood events. The risk of flooding in certain areas within East Ayrshire are high (e.g. the Irvine Valley).
- ❖ Legacy of vacant and derelict land as well as unrestored land both in the settlements and rural area which detract from the character and appearance of the area;
- ❖ There is an increasing pressure on the area's transport infrastructure, particularly at Bellfield Interchange, Kilmarnock. This has resulted in an increase in congestion and pollution.
- 4.8. It has been important to take account of these factors in developing the policies and proposals of the Proposed Plan.
- 4.9. Figure 2 illustrates the findings of the State of the Environment Report (2019). Further detail can be viewed in Appendix 6.

Figure 2: State of the Environment Trend



Likely evolution of the environment in the absence of the LDP2

- 4.10. The SEA process is also required to assess the likely impact on the environment if the Local Development Plan 2 was not implemented. Future changes to the environmental baseline, in the absence of LDP2, are inevitable due to natural processes but also due to human activities that are not related to the Plan. These are outlined below. It is important to take into account this likely evolution of the environment in the absence of LDP2 as this will help to inform the LDP2. It also helps to recognise the limits of the Plan itself.
- 4.11. Local Development Plans need to be up-to-date in order to comply with the latest policy guidance from national government and reflect the area's actual development pressures and environmental issues. If they are not, then less weight is generally attached to them in decision-making.
- 4.12. In the absence of an updated Local Development Plan (in this instance LDP2), the adopted development plan framework in the East Ayrshire area would be utilised to access and consider development, which was adopted in April 2017 and includes a suite of 20 Supplementary Guidance documents, and 17 non-statutory guidance documents. As outlined above, this would hold less weight than an up-to-date Plan as the presumption in favour of sustainable development as per Scottish Planning Policy would come into force.
- 4.13. Development would continue to take place but would not be monitored and would be less well attuned to the surrounding environment and other strategic objectives and priorities. LDP2 is also an important vehicle for progressing social and economic justice through an overarching vision and environmental protection.
- 4.14. The scenarios outlined below are based on the continuation of the implementation of LDP1 beyond its intended period.

Natural Environment

4.15. Landscape → The landscape will continue to evolve as a result of human activity, biological processes and climate will continue to alter the landscape, particularly in relation to flooding. Increased levels of sporadic and isolated developments, including inappropriate residential development in the rural area will take place. Without the additional allocation of further appropriate development opportunity sites, greenfield sites may be built on rather than brownfield sites, which will have a detrimental impact on landscape character of settlements and rural areas. Continued pressure for rural development could result in the urbanisation of our rural landscape. Although LDP1 contains a policy framework which protects the natural environment and landscape, development may take place in inappropriate locations or environmentally

sensitive areas, possibly resulting in an unacceptable loss of greenfield areas, areas of ecological importance or significant environmental quality. For example, Local Landscape Areas, where development under LDP1 has eroded the value of this designation. The review of this designation under LDP2 now more appropriately reflects landscape boundaries of value, improving its applicability. Identified vacant and derelict land as well as brownfield sites within existing settlements could be less likely to be developed and this could potentially undermine the opportunity for regeneration and improvement of townscapes which are undergoing significant changes and challenges.

- 4.16. Biodiversity, Flora and Fauna → Certain adverse effects on biodiversity could be unchecked and would likely be exacerbated by inappropriate development leading to a loss of areas of importance for nature conservation, biodiversity and prime quality agricultural land. Despite issues relating to the preservation and protection of biodiversity being in place within a range of PPSs, habitats could continue to become fragmented resulting in a loss of species and biodiversity. Ultimately, it is considered that the emerging environmental protection/enhancement needs of East Ayrshire would not be appropriately addressed. There will be less protection for East Ayrshire's natural habitats and other environmentally sensitive areas potentially resulting in unacceptable levels of degradation to landscape and biodiversity. LDP2 strongly embeds principles which aim to tackle the nature crisis and biodiversity loss, in accordance with Draft NPF4, which are somewhat absent within LDP1.
- 4.17. Climatic factors → The effects of climate change on the environment, economy and society would be more severely felt and will increase. In recent years, greater levels and rates of flooding have been experienced throughout East Ayrshire, development within flood plains or other inappropriate locations will exacerbate this risk and have a detrimental impact on the local economy, investment and infrastructure. Without a strong policy framework energy efficiency measures and enhanced green and blue infrastructure requirements (natural-flood management solutions) may not be integrated into the design, layout and materials of development proposals. The loss or disturbance of important natural carbon stores could increasingly occur, having cumulative negative impacts on climate and resilience.

Natural Resources

4.18. Soil → Soil quality is likely to be detrimentally impacted by development, which might not occur if the LDP2 was in place. Development may take place in prime quality agricultural land areas having a detrimental impact on agricultural land quality and provision within the local authority. Development on areas of peat and carbon rich soils or development which includes the disturbance or removal of peat may take place without LDP2 and have detrimental impacts on areas of peat (Class 1, 2 and 5), raised bogs and carbon

rich soils which would increase the carbon emissions of East Ayrshire. Peat and carbon rich soils act as a significant carbon store, as such, this would likely have subsequent impacts on air quality, climate and resilience.

- 4.19. Air → Air quality levels may decrease in East Ayrshire. Air quality issues will be prevalent, particularly in urban centres and in locations close to the commuter belts. It is noted that air quality issues are contained within other PPSs, such as regional and local transport strategies. Development would more likely take place on less sustainably located sites such as greenfield land which would increase the dependency of private car usage within East Ayrshire, potentially increasing traffic congestion and greenhouse gas emissions.
- 4.20. Water → Adverse impacts on water quality would remain, or be detrimentally affected, in the absence of an updated and more robust policy framework covering flood risk but also blue and green infrastructure requirements. There is the potential that agricultural uses would intensify, which would increasingly impact on the water environment in a detrimental manner through construction and agricultural run-off. There may be an absence of the appropriate flood mitigation measures to suitably address the adverse impacts of developments on the water environment and the impact that this will have on the social environment as well as climate and resilience

Historic Environment

4.21. Cultural Heritage→ Whilst the existing impacts and benefits on the historic environment in relation to economic development will remain, the physical and visual condition of the historic environment may deteriorate without an effective and up-to-date policy framework which supports "preservation" and "enhancement" of cultural heritage assets. The reuse of vacant historic properties are less likely to take place, as it is not embedded within the Plan as a Spatial Strategy objective, although there may still be a degree of regeneration of these buildings of historic character. With a lack of focus on the need to reduce levels of vacant and derelict land, listed buildings which are currently sitting vacant and derelict will not be restored which could lead to unsustainable land use management. Therefore, a less proactive approach to the protection of the built heritage would ensue.

Social Environment

4.22. Health → Air quality may deteriorate in East Ayrshire, having a significant impact on the health of its residents. Sporadic and periphery development may limit or restrict access to open/green spaces and active travel opportunities. A lack of high quality design could lead to the creation of poor quality places and have a detrimental impact on health and population.

- 4.23. Population → The population of East Ayrshire may decrease, with rural settlements becoming increasingly depopulated, while the wider rural landscape becomes increasing populated in a sporadic manner. Alternatively, the population in high-demand areas such as Stewarton, Dunlop and North West Kilmarnock may increase in an unsustainable manner, where there are significant capacity issues. It is less likely that major residential development would take place in the south of East Ayrshire, if additional sites are not allocated to direct development.
- 4.24. Material Assets → The integration of new development within existing developments and infrastructure such as health centres, bus services, transport connections as well as sewers and water treatment infrastructure would be more difficult to achieve effectively. There is a higher demand in certain areas (such as Stewarton) where the existing infrastructure would be unable to cope with this type and level of development. Due to demand, development would become concentrated within these areas, which would lead to the decline of settlements which are located in the more remote areas of East Ayrshire (such as small communities within Doon Valley). Increased levels of sporadic and isolated developments would have a significant impact on infrastructure. Demand for services such as retail and commercial leisure may emerge at the edges or out of town centre locations to the detriment of the vitality of existing town centres. There will be no updated strategic approach to infrastructure or development within challenging settlements, leading to significant infrastructure capacity issues.

5. Environmental Assessment

Scope

- 5.1. The purpose of the SEA is to assess the likely significant impacts (positive or negative) that LDP2 will have on the environment. The likely environmental effects of implementing the visions, spatial strategy, policies and proposals of LDP2 have been assessed. For the purposes of the assessment, the environment was considered under ta number of headings as follows:
 - Landscape
 - · Biodiversity, flora and fauna
 - Climatic factors
 - Soil
 - Water
 - Air
 - Historic environment (Cultural heritage)
 - Human Health
 - Population
 - Material Assets
- 5.2. Table 3 provides a summary of the key SEA Objectives with regards to each of the above Environmental Receptors.

Table 3: SEA Objectives Overview

Environmental Receptor	SEA Objective(s)
Landscape	Protect, enhance and where appropriate restore landscape, local distinctiveness and areas of value.
	Protect and improve soil and land resources, such as peat and carbon rich soils, and restore degraded habitats.
Soil & Geology	Reduce contamination and safeguard soil quality and quantity
	Where appropriate, use soil resources in a sustainable manner.
Biodiversity, Flora	Conserve and enhance local biodiversity, including both statutory and locally important designations.
and Fauna	Protect species through the retention of habitats and connectivity.

Water Quality	Manage and reduce flood risk and safeguard the water environment from deterioration and where possible enhance water quality.
Air Quality	Prevent deterioration and where possible enhance air quality.
Climatic Factors	Contribute towards the reduction of Scottish greenhouse gas outputs in line with government targets for net zero.
	Improve East Ayrshire's resilience to a changing climate within new developments and established areas.
Historic Environment	Protect and enhance the historic built and natural environment
Human Health	Promote and improve health of the human population through the creation of good quality places with resilience and safe communities.
Population	Ensure development is sustainably located and integrated into existing networks and maximise opportunities for rural populations.
Material Assets	Promote the sustainable use of natural resources, material assets and enhance recreational provisions.

Environmental characteristics likely be significantly affected

The LDP2 is likely to significantly impact on all of these environmental receptors. The analysis of the baseline information undertaken in Stage 1 indicates that the LDP2 is likely to have more significant effects on certain areas of the environmental receptors than others. Table 4 provides a general overview of the specific aspects that may potentially and significantly be affected by the LDP2. In general terms, it is considered that LDP2 will have an overall positive/negative impact on the environment of East Ayrshire.

5.3. The assessment of our vision, spatial strategy, policies and proposals can be viewed in *Appendix 7: Stage 1 Assessment Tables*.

<u>Table 4</u>: Summary and Overview of Environmental characteristic affected by LDP2 at Stage 1 of the Assessment process

Environmental Topic	Summary of the potential, significant impacts by LDP2 on Environmental Receptor	Likely to be generally positive or negative?
Natural Environr	nent	
Landscape	Ensure that future developments respect the landscape character of East Ayrshire (including wind energy and opencast coal extraction) and do not have a detrimental impact.	Neutral
	Ensure that new developments are designed to a high- standard, sensitive and contribute positively to the character or our urban and rural landscape.	Significant Positive / Negative
Biodiversity, Flora and Fauna	Ensure that internationally, nationally and locally designated sites, habitats and priority species are protected and that future development does not result in or contribute towards the fragmentation of these sites.	Significant Positive / Negative
	Enhance biodiversity and habitat connectivity	Significant Positive
	In accordance with other PPS's, LDP2 will support and promote development contributing towards the reduction of greenhouse gases in order to meet national climate change targets.	Significant Positive / Negative
Climatic factors	Support and contribute towards improving East Ayrshire's resilience to climate change.	Significant Positive / Negative
	Will encourage sustainability through use of materials, construction methods, renewables and by locating developments near existing public transport routes.	Neutral
Natural Resourc	es	
Soil	Contribute to reducing the levels of vacant and derelict land, including contaminated land, and unrestored opencast coal sites by encouraging the re-use, restoration and redevelopment of such land will be supported by LDP2.	Significant Positive / Negative
	LDP2 will protect, and where possible enhance valuable soils such as peat and carbon rich soils and safeguard prime agricultural land.	Significant Positive / Negative
Air	Enhance the existing air quality of East Ayrshire and promote sustainable modes of transportation as well as active travel.	Neutral
Water	The LDP2 will not support development which is likely to have a significant probability of being affected by flooding. The LDP2 will focus on mitigation and protection.	Significant Positive / Negative

	Prevent developments which will have an adverse effect	Significant Positive /
Historia Environ	on water quality, ecology and overall conditioning.	Negative
Historic Environ	ment	
Listed Buildings	Protect the historic character of listed buildings and where possible, seek improvement, promote the reuse of vacant listed buildings contributing to good placemaking and sustainability.	Positive
Conservation Areas	Protect conservation areas from inappropriate development or alterations that will impact upon any listed building or conservation areas located with or adjacent to the EAC boundary.	Significant Positive / Negative
Scheduled Monuments	Prevent any significantly detrimental impacts on Scheduled Monuments.	Neutral
Archaeological Sites	The plan will protect archaeological sites and resources within the area.	Neutral
Gardens and Designed Landscapes	Protect gardens and designed landscapes from inappropriate development that will have a direct or indirect impact and where possible enhance their condition.	Positive
Historic Battlefields	Protect East Ayrshire's historic battlefield from inappropriate development that will have a direct or indirect impact.	Neutral
Social Environm	ent	
Health	Encourage new developments to provide walking and cycling networks that interlink with existing networks enhancing connectivity and accessibility. Encourage the enhancement of green and blue networks, contributing to the CSGN aspirations, increasing connectivity.	Significant Positive / Negative Positive
Population	Encourage developments to be sustainably located, as such services, employment, education and recreational uses will be widely accessible.	Significant Positive / Negative
Material Assets	Encourage and ensure that developments are sustainably located across East Ayrshire.	Significant Positive / Negative
(infrastructure, amenity and recreational open areas)	Ensure that existing assets, such as green and blue infrastructure (amenity recreational open spaces and play provision) are safeguarded, and that new development contributes to the expansion of this provision.	Positive
	Ensure that there is capacity within existing infrastructure for further development	Neutral

Gaps and/or unreliability of the Environmental Baseline Data

- 5.4. Gaps in or unreliability of the environmental baseline data have not yet been identified. A significant portion of the baseline data is retained within the Council's GIS system, which has aided in the assessment of the impacts of policies, proposals and sites. Where the assessment of impacts are uncertain, this will be identified and highlighted within the Environmental Report.
- 5.5. The Environmental Report for LDP2 relates to the high-level nature of the document. As the objectives are set at a high level, it sometimes proved difficult to precisely identify what the significant environmental impacts were likely to be, due to the fact that they are aspirational, quite wide ranging and in certain circumstances not site specific. Therefore, certain assumptions were used, especially when the objective may lead to future development, to allow the assessment of the objectives to be undertaken. Where applicable, assumptions have been explained in order to aid transparency.

Alternatives

- 5.6. At the Main Issues Report stage, the LDP2 MIR included a number of different issues relevant to future development within East Ayrshire. For a number of issues the Council indicated not only a preferred option, but also provided one or more reasonable alternatives. This enabled an assessment of the potential impacts of all alternatives to be made. As this current stage represents the Proposed Plan stage, and as such, the Council's settled view, no reasonable alternatives are presented.
- 5.7. The assessment outcomes of sites submitted to the Planning Authority which have not been included as development opportunity sites or proposals within LDP2 are not provided within this Environmental Report.

6. SEA Approach and Assessment Methodology

6.1. The Environmental Assessment (Scotland) Act 2005, requires the Environmental Report to assess and evaluate the likely significant (positive or negative) impacts that the Proposed Plan will have on the environment. Schedule 3 of the Act, requires that the Proposed Plan be assessed against a number of environmental receptors. The Council has grouped and defined aspects of the environment into four broad environmental receptors headings, which formed the basis for Stage 1 of the SEA assessment methodology. These are shown in Table 5 below.

Environmental Topic	Receptors
Natural Features	Landscape Biodiversity, Flora and Fauna Climatic factors
Natural Resources	Soil Air Water (including surface water, groundwater and GWDTE)
Historic Environment	Listed Buildings Conservation Areas Scheduled Monuments Archaeological Sites Gardens and Designed Landscapes Historic Battlefields
Social Environment	Health Population Material Assets (infrastructure, amenity and recreational open space i.e. parks etc.)

<u>Table 5</u>: Environmental Topics and Associated Receptors

- 6.2. The Proposed Plan is likely to significantly impact on all of these environmental receptors. Therefore, these receptors provide the context for, and are directly related to, the development of the SEA Objectives and the Sub-Criteria/Questions to be used in the assessment process.
- 6.3. The proposed assessment methodology has an overall objective to "protect and, where appropriate, enhance the environment".
- 6.4. It is central to SEA, that the assessment process and reporting of the findings are unbiased, robust, objective, transparent and ultimately easy to understand.
- 6.5. The assessment will focus on the vision, spatial strategy, policies, proposals and sites. Only significant impacts will be assessed, which will be identified

through Stage 1 of the assessment process. Stage 2 analyses the identified significant impacts in more detail. Both stages of the assessment will be undertaken to ensure that the assessment is accurate, robust and unbiased. The assessment will be undertaken in parallel with the plan preparation process. For non-site-specific aspects of the plan (vision, aims, spatial strategy policies and non-site-specific proposals), the Council will use the matrixes listed below and will ensure that the information is clear and easy to interpret.

Reasonable Alternatives

6.6. The Main Issues Report set out the major planning issues facing East Ayrshire and put forward the Council's preferred option, as well as, one or more alternatives as to how these would be tackled in the Local Development Plan 2. A public consultation process was undertaken whereby a wide range of stakeholder and public views were sought on these issues. The Planning Authority were operating under unforeseen and unprecedented circumstances between 2019-2022 as a result of the COVID-19 pandemic. As such, consultation was limited to electronic means. A total of 297 representations were received in response to the consultation. The LDP2 has taken full account of responses received, as well as, updated national policy and guidance. Policy alternatives are limited due to the need to comply with national policy and other relevant PPSs (as outlined in Appendix 3).

Submission of potential sites for consideration:

- 6.7. Prior to the preparation of the LDP2 Main Issues Report, a 'Call for Priorities, Issues and Proposals' consultation was carried out between July 2017 and November 2018. This was an early opportunity for members of the public and interested parties to provide views on what the priorities of the Plan should be and what issues it needed to address. A number of sites were submitted to the Council for consideration and potential inclusion in LDP2 as part of the consultation. All sites submitted and associated details were set out as a main issue in the Main Issues Report and views were sought on these sites as part of the MIR consultation. In addition, all sites were assessed as part of the strategic environmental assessment process and assessment outcomes set out in the Interim Environmental Report.
- 6.8. It was considered that circumstances were likely to have changed since the Call was made back in 2017. Therefore a further opportunity was offered to developers and landowners in November 2020 to submit sites that they wished to be included as potential development opportunities for housing or other land uses in LDP2. A number of new sites were submitted at this consultation stage. Any sites submitted were assessed as part of the strategic environmental assessment process and those sites taken forwards included in

- the Proposed LDP2 and their assessment outcomes set out in the Environmental Report associated with the Proposed LDP2.
- 6.9. During the consultation period for the Proposed Plan (23rd May 2022 to 22nd July 2022) a number of representees submitted further sites for consideration. These were addressed within the Schedule 4 responses prepared by the Council.

Stage 1 – Assessment of Significance

- 6.10. The first stage involves using Matrix 1, below, and the constraints shown on the Council's GIS system as a sifting tool to identify significant impacts on the grouped environmental topics and receptors as described in Table 5. The judgement on what is considered to be a significant impact is based on the following:
 - Scale of the impact (geographic area and likely effects on the surrounding population);
 - Duration of the impact (short, medium or long term);
 - Reversibility of the impact;
 - Environmental Sensitivities and constraints of the area;
 - Environmental value of the area:
 - Potential for significant cumulative/synergistic impacts.
- 6.11. The SEA objectives and the constraints shown on the Council's GIS system have been used to determine whether the identified impact is significant or not, using the baseline environmental data that has been collected and taking into account the existing environmental issues and problems. If the vision/strategy/policy/proposal or site is considered to not have a significant environmental impact then no further assessment has been undertaken. All identified significant environmental impacts have been subject to further assessment under Stage 2.

Environmental Topics	What is the Environmental Impact?	Significance of Impact (Y/N/Unsure) Why? If no, could the impact become a significant cumulative or synergistic impact (y/n) why?
Natural Features		
Natural Resources		
Historic Environment		
Social Environment		

Matrix 1: Stage 1 Assessment Matrix

Stage 2 - Detailed Assessment

6.12. Stage 2 analyses and assesses the identified significant impacts in greater detail using Matrix 2 (below). The sub-criteria/questions have been used to provide a more detailed assessment which will identify what the significant environmental impacts are in relation to each of the individual environmental components screened into the assessment. The Stage 2 assessment also looks at short, medium and long term environmental impacts and provides proposals to monitor significant impacts. Each box is colour coded to indicate whether the impact is significant positive, significant positive/negative, significant negative or neutral/unknown to aid comprehension of the assessment results. This is shown in the "Environmental Impact: Key" below.

Environment small smpact: Key	Significant Positive	Significant Positive/Negative	Significant Negative	Neutral/Unknown
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Environmental Topic	Component	Analysis of the Significant Environmental Impact	Mitigation/ Enhancement & Likely Impacts		
Natural Features	Landscape	Commentary to be provided in this column. Text will be colour coded depending on assessment outcome	Commentary to be provided in this column. Text will be colour coded depending on assessment outcome		
	Biodiversity, Flora and Fauna				
	Climate				
Natural	Soil				
Resources	Air Water				
	Listed Buildings				
	Conservation Areas				
Historic	Archaeological Sites/Areas				
Environment	Gardens and Designed Landscapes				
	Scheduled Monuments				
	Historic Battlefields				
	Population				
Social Environment	Health				
	Material Assets				
Short, Medium or Long Term Impact	Commentary to be provided in this column. Text will be colour coded depending on assessment outcome				

Matrix 2 – Stage 2: Detailed Assessment

Stage 2 - Site Proforma Assessment Sheet

6.13. All sites or proposals which have an assigned boundary and are allocated within LDP2 have been assessed using the same method as outlined within Matrix 2 – Stage 2: Detailed Assessment, only this is laid out in a different format. Utilising the Site Assessment Proforma suggested by Nature Scot during the Scoping Report Consultation (shown in Appendix 9), an amended Site Proforma has been used to determine environmental impacts. This can be viewed in Appendix 10. Where fields have been removed, the questions contained within them have been incorporated into the SEA Objectives and Sub-Criteria/Questions (Appendix 5).

SEA Objectives and Sub-Criteria/Questions

6.14. The proposed overall SEA objectives for each environmental assessment scoped into the assessment are illustrated in Appendix 5. To aid the overall SEA objectives, SEA sub-criteria/questions, which are mentioned in the assessment methodology above, have been devised to provide a more detailed assessment of the vision/strategy/policy/proposal or sites which are considered to be significant as a result of the stage 1 assessment. The objectives and sub-criteria/questions are fully compliant with the requirements of the Environmental Assessment (Scotland) Act 2005 and are shown in Appendix 5.

Cumulative and Synergistic Assessments

- 6.15. The Stage 2 assessments also assess the vision/aim/policy/allocation/proposal for cumulative and synergistic impacts. Where there are potential cumulative or synergistic impacts on neighbouring local authority areas, these have been assessed using the assessment methodology above and clearly noted within the Environmental Report.
- 6.16. Following the assessment of the vision, spatial strategy, policies, proposals and sites, they have been grouped under their overall topic headings. These have been assessed for significant cumulative and synergistic impacts on various environmental components using Matrix 3 below:

Environment	Significant	Significant	Significant	Neutral/Unknown
Impact: Key	Positive	Positive/Negative	Negative	

Policy / Proposal / Site	Geology & Soil	Landscape	Biodiversity, Flora & Fauna	Air	Water	Climate	Cultural Heritage	Population & Human Health	Material Assets	Cumulative Impact
Spatial Strategy X										
Policy A										
Policy B										
Proposal /Site x										

Matrix 3: Cumulative and Synergistic Impact Assessment

6.17. Each box has been colour coded to represent if the cumulative or synergistic impact is significant positive, significant positive/negative or significant negative or neutral unknown.

7. Assessment Results

- 7.1. This section provides a summary of the Stage 1 and Stage 2 assessment results of the LDP2 in terms of its vision, aims, Spatial Strategy, Proposals and opportunity sites.
- 7.2. As outlined above, all development opportunity sites and proposals have been subject to assessment, with the exception of sites which are being safeguarded for their existing use. These were screened out at Stage 1 assessment.

Stage 1 Assessment Outcomes

7.3. In accordance with the Environmental Assessment (Scotland) Act 2005, East Ayrshire Council has considered whether the environmental effects (positive or negative) of LDP2 are likely to be significant. As such, the environmental implications of LDP2 have been considered in terms of whether they will protect, enhance, minimise, reduce, harm or maintain existing status across all SEA topics. Which items have been assessed at Stage 1 and Stage 2 can be viewed in Table 6. The outcomes for each environmental receptor are summarised below in Table 7.

Stage 2 Assessment Outcomes

- 7.4. The outcomes for each Aim, Policy and Proposal which were assessed at Stage 2 can be viewed are summarised Table 8. Table 8 also illustrates the likely environmental impacts following the implementation of the mitigation measures, as laid out within the Stage 2 Assessment Tables (Appendix 8).
- 7.5. The likely environmental impacts on each receptor for LDP2s development opportunity sites can be viewed in Table 9.

<u>Table 6</u>: Policies and Proposals Screened into Stage 2 Assessment

Vision: Vision Statement Aim 1: Reduce the effects of climate change and contribute to net zero targets. Yes Yes Aim 2: Create good quality and accessible places, which support the health and wellbeing of all our citizens Aim 3: Stabilise East Ayrshire's population and stimulate population growth Yes Yes Aim 4: Secure the provision of good quality housing to meet a wide range of needs, across all of East Ayrshire Aim 5: Deliver new and improved infrastructure, including green and digital infrastructure, to assist in access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Yes Yes Yes Yes Yes Yes Yes Y	Policy	Assessed in Stage 1	Screened into Stage 2 Assessment
Aim 1: Reduce the effects of climate change and contribute to net zero targets. Aim 2: Create good quality and accessible places, which support the health and wellbeing of all our citizens Aim 3: Stabilise East Ayrshire's population and stimulate population growth Aim 4: Secure the provision of good quality housing to meet a wide range of needs, across all of East Ayrshire Aim 5: Deliver new and improved infrastructure, including green and digital infrastructure, to assist in access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Sat: Climate Change Sat: Climate Change Sat: Climate Change Sat: Central Scotland Green Network Yes Yes Sat: Development of Vacant and Derelict Land Yes Yes Yes Sat: Development of Vacant and Derelict Land Yes Yes Yes	Vision & Aims		
Aim 2: Create good quality and accessible places, which support the health and wellbeing of all our citizens Aim 3: Stabilise East Ayrshire's population and stimulate population growth Aim 4: Secure the provision of good quality housing to meet a wide range of needs, across all of East Ayrshire Aim 5: Deliver new and improved infrastructure, including green and digital infrastructure, to assist in access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Pes No Spatial Strategy S31: Climate Change Yes Yes Yes Yes Yes Yes Yes Yes	Vision: Vision Statement	Yes	No
wellbeing of all our citizens Aim 3: Stabilise East Ayrshire's population and stimulate population growth Aim 4: Secure the provision of good quality housing to meet a wide range of needs, across all of East Ayrshire Aim 5: Deliver new and improved infrastructure, including green and digital infrastructure, to assist in access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Yes Yes Yes Yes Yes Yes Yes SS1: Climate Change Yes Yes Yes Yes SS3: Central Scotland Green Network Yes Yes Yes SS5: Coalfield Communities Landscape Partnership Yes Yes Yes	Aim 1: Reduce the effects of climate change and contribute to net zero targets.	Yes	Yes
Aim 5: Deliver new and improved infrastructure, including green and digital infrastructure, to assist in access to employment opportunities Aim 6: Deliver conomic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Yes Yes Yes Yes Yes SS1: Climate Change Yes Yes Yes Yes SS3: Central Scotland Green Network SS4: Development of Vacant and Derelict Land Yes Yes Yes Yes		Yes	Yes
across all of East Ayrshire Aim 5: Deliver new and improved infrastructure, including green and digital infrastructure, to assist in access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Yes Yes Yes SS1: Climate Change SS2: Overarching Policy SS3: Central Scotland Green Network Yes Yes SS4: Development of Vacant and Derelict Land Yes Yes Yes Yes SS5: Coalfield Communities Landscape Partnership Yes Yes	Aim 3: Stabilise East Ayrshire's population and stimulate population growth	Yes	Yes
infrastructure, to assist in access to employment opportunities Aim 6: Deliver economic recovery and growth in a sustainable and inclusive manner and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Spatial Strategy SS1: Climate Change SS2: Overarching Policy Yes Yes Yes SS3: Central Scotland Green Network SS4: Development of Vacant and Derelict Land Yes Yes Yes Yes Yes Yes Yes Ye	across all of East Ayrshire	Yes	Yes
and ensure there is access to employment opportunities Aim 7: Protect, enhance and capitalise on East Ayrshire's historic environment and cultural assets Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Yes Yes Yes Yes Yes Yes Yes SS1: Climate Change Yes Yes Yes Yes SS2: Overarching Policy Yes Yes Yes Yes Yes Yes Yes Ye	infrastructure, to assist in access to employment opportunities	Yes	Yes
Aim 8: Protect and enhance East Ayrshire's diverse natural environment and habitats and help tackle the nature crisis Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Spatial Strategy SS1: Climate Change SS2: Overarching Policy SS3: Central Scotland Green Network Yes Yes Yes Yes Yes Yes Yes Ye	and ensure there is access to employment opportunities	Yes	No
Aim 9: Increase tourism opportunities, in particular those that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Spatial Strategy SS1: Climate Change SS2: Overarching Policy SS3: Central Scotland Green Network SS4: Development of Vacant and Derelict Land SS5: Coalfield Communities Landscape Partnership Yes Yes Yes Yes Yes Yes Yes Ye	· · · · · · · · · · · · · · · · · · ·	Yes	Yes
increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Spatial Strategy SS1: Climate Change SS2: Overarching Policy SS3: Central Scotland Green Network SS4: Development of Vacant and Derelict Land SS5: Coalfield Communities Landscape Partnership Yes Yes Yes Yes Yes Yes Yes Ye	and help tackle the nature crisis	Yes	Yes
places where all members of the community can meet, work or be entertained Aim 11: Safeguard workable resources of economic or conservation value Spatial Strategy SS1: Climate Change SS2: Overarching Policy SS3: Central Scotland Green Network SS4: Development of Vacant and Derelict Land SS5: Coalfield Communities Landscape Partnership Yes No No Yes Yes Yes Yes Yes Yes Yes Ye	increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural	Yes	Yes
Spatial Strategy SS1: Climate Change SS2: Overarching Policy SS3: Central Scotland Green Network SS4: Development of Vacant and Derelict Land SS5: Coalfield Communities Landscape Partnership Yes Yes Yes Yes	Aim 10: Recognise the changing face of retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained	Yes	Yes
SS1: Climate ChangeYesYesSS2: Overarching PolicyYesYesSS3: Central Scotland Green NetworkYesYesSS4: Development of Vacant and Derelict LandYesYesSS5: Coalfield Communities Landscape PartnershipYesYes	Aim 11: Safeguard workable resources of economic or conservation value	Yes	No
SS2: Overarching PolicyYesYesSS3: Central Scotland Green NetworkYesYesSS4: Development of Vacant and Derelict LandYesYesSS5: Coalfield Communities Landscape PartnershipYesYes	Spatial Strategy		
SS3: Central Scotland Green NetworkYesYesSS4: Development of Vacant and Derelict LandYesYesSS5: Coalfield Communities Landscape PartnershipYesYes	SS1: Climate Change	Yes	Yes
SS4: Development of Vacant and Derelict Land Yes Yes SS5: Coalfield Communities Landscape Partnership Yes Yes	SS2: Overarching Policy	Yes	Yes
SS5: Coalfield Communities Landscape Partnership Yes Yes	SS3: Central Scotland Green Network	Yes	Yes
	SS4: Development of Vacant and Derelict Land	Yes	Yes
SS6: Galloway and Southern Ayrshire Biosphere Yes No	SS5: Coalfield Communities Landscape Partnership	Yes	Yes
	SS6: Galloway and Southern Ayrshire Biosphere	Yes	No
PROP 1: South Central Kilmarnock Yes No	PROP 1: South Central Kilmarnock	Yes	No
SS7: Development in South Central Kilmarnock Yes Yes	SS7: Development in South Central Kilmarnock	Yes	Yes
SS8: Ayrshire Growth Deal	SS8: Ayrshire Growth Deal	Yes	No
SS9: Community Wealth Building Yes No	SS9: Community Wealth Building	Yes	No
SS10: Skills and Employment Yes No	SS10: Skills and Employment	Yes	No
PROP2: Park & Ride at West Fenwick Yes Yes	PROP2: Park & Ride at West Fenwick	Yes	Yes
PROP3: Park and ride at Glasgow Road, Kilmarnock Yes Yes	PROP3: Park and ride at Glasgow Road, Kilmarnock	Yes	Yes
PROP4: Improvements to Bellfield Interchange and East Yes No	PROP4: Improvements to Bellfield Interchange and East	Yes	No
PROP5: Our Energy Masterplan Yes No	PROP5: Our Energy Masterplan	Yes	No
PROP6: Our Local Heat & Energy Efficiency Strategy Yes No		Yes	No
SS11: Making Space in Settlements for Green Energy Yes Yes		Yes	Yes
SS12: Woodland Creation Yes Yes			Yes
Place & Environment – Urban Design and Placemaking	Place & Environment – Urban Design and Placemaking		
DES1: Development Design Yes Yes		Yes	Yes
LPP1: Preparation of Local Place Plans Yes No			
LPP2: Development within a Local Place Plan Area Yes Yes			
OS1: Green and Blue Infrastructure Yes Yes			

Policy	Stage 1	Stage 2 Assessment
OS2: Safeguarded Open Space	Yes	Yes
PLAY1: Play Provision	Yes	Yes
PROP7: Play Sufficiency Assessment	Yes	No
PLAY2: Loss of Play Equipment and Outdoor Sports Facilities	Yes	Yes
Place & Environment – Historic Environment		
HE1: Listed Buildings	Yes	Yes
HE2: Conservation Areas	Yes	Yes
HE3: Scheduled Monuments, Historic Battlefields and other Archaeological and Historic Environment Assets	Yes	Yes
HE4: Gardens and Designed Landscapes	Yes	Yes
HE5: Enabling Development	Yes	Yes
Place & Environment – Natural Environment		
NE1: Protecting and Enhancing Landscape and Features	Yes	Yes
NE2: Development Impacts on Areas of Wild Land	Yes	Yes
NE3: Local Landscape Area	Yes	Yes
NE4: Nature Crisis	Yes	Yes
NE5: Protection of Areas of Nature Conservation Interest	Yes	Yes
NE6: Vulnerable, Threatened and Protected Species	Yes	Yes
NE7: Geodiversity and Geological Interest	Yes	Yes
NE8: Trees, Woodland, Forestry and Hedgerows	Yes	Yes
NE9: Woodland Creation	Yes	Yes
NE10: Protection of Agricultural Land	Yes	Yes
NE11: Soils	Yes	Yes
NE12: Water, Air, Light and Noise Pollution	Yes	Yes
NE13: Contaminated Land	Yes	Yes
Communities and Housing - Housing		
RES1: New Housing Developments	Yes	Yes
RES2: Affordable Housing	Yes	No
RES3: Residential Amenity	Yes	No
RES4: Compact Growth	Yes	Yes
RES5: Conversions to Residential Use	Yes	No
RES6: Gypsy Travellers' Sites	Yes	Yes
RES7: Non-Permanent Dwellings	Yes	No
Communities and Housing – Rural Housing		
RH1: Housing in the Rural Protection Area	Yes	Yes
RH2: Housing in the Rural Diversification Area	Yes	Yes
RH3: Rural Housing Clusters	Yes	Yes
RH4: Housing for Agricultural Workers and Other Rural Enterprises	Yes	No
RH5: Rural Housing Development	Yes	Yes
Economy and Employment – Town Centres		
TC1: Supporting Development in Centres	Yes	Yes
TC2: Town Centre First Assessment	Yes	Yes
TC3: Small scale retail development in out-of-centre locations	Yes	Yes
TC4: Town Centre Living	Yes	Yes

Policy	Assessed in Stage 1	Screened into Stage 2 Assessment
TC5: Residential Amenity in Town Centres	Yes	No
Economy and Employment – Business and Industry		
IND1: Business and Industrial Development	Yes	No
IND2: Business and Industrial Development in Rural Areas	Yes	Yes
IND3: Alternative Use of Business and Industrial Land or Premises	Yes	No
IND4: Working from Home	Yes	No
Economy and Employment – <i>Tourism</i>		
TOUR1: Tourism Development	Yes	Yes
TOUR2: Tourism Accommodation	Yes	No
TOUR3: Rural Sporting, Leisure and Recreational Activities	Yes	No
TOUR4: The Dark Sky Park	Yes	No
TOUR5: Loss of Tourist Facilities	Yes	No
TOUR6: Loudoun Castle Estate Garden and Designed Landscape	Yes	Yes
Infrastructure – Digital Infrastructure		
INF1: Infrastructure First	Yes	No
INF2: Installation of Fibre Broadband for New Developments	Yes	No
INF3: Installation of Digital Communications Infrastructure	Yes	Yes
Infrastructure – Developer Contributions		
INF4: Developer Contributions	Yes	No
Infrastructure – Promoting Sustainable Transport		
T1: Transport requirement in new development	Yes	Yes
T2: 20-Minute Neighbourhoods	Yes	Yes
T3: Transportation of Freight	Yes	Yes
T4: Development and protection of core paths and other routes	Yes	Yes
T5: Charging Infrastructure for electric vehicles	Yes	Yes
Energy and Resources – Supporting Renewable Energy		
RE1: Renewable Energy	Yes	Yes
RE2: Heat and Cooling	Yes	Yes
RE3: Low and Zero Carbon Buildings	Yes	Yes
Energy and Resources – Minerals		
MIN1: Sterilisation of Workable Minerals Resources	Yes	No
MIN2: Extraction of Minerals	Yes	Yes
MIN3: Minerals Restoration and Placemaking	Yes	Yes
MIN4: Protecting Communities	Yes	Yes
MIN5: Protecting Residential Amenity	Yes	Yes
MIN6: Duration of Extraction Period	Yes	Yes
MIN7: Borrow pits	Yes	Yes
MIN8: Reworking of Waste Spoils Tips	Yes	Yes
MIN9: Extraction of Secondary Aggregates	Yes	Yes
Energy and Resources – Sustainable Waste Management		
WM1: Waste Management in New Development	Yes	Yes
WM2: Development & the Circular Economy	Yes	Yes
WM3: Waste Management Facilities	Yes	Yes
-		

WM4: Recovery of Energy from Waste	Yes	Yes
Policy	Assessed in Stage 1	Screened into Stage 2 Assessment
Financial Guarantees		
FIN1: Financial Guarantees	Yes	No
Climate Resilience		
CR1: Flood Risk Management	Yes	Yes
CR2: Emissions	Yes	No
CR3: Carbon Sequestration	Yes	Yes

<u>Table 7</u>: Summary of Stage 1 Outcomes

Policy		Features: Sta ssment (yes/r			ral Resou 2 Asses (yes/no)	sment	н	istoric Environ	ment: Stage 2	Assessment (yes/no)			Environment sessment (ye	•
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
Vision &	Aims														
Vision:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Aim 1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 3	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 6	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Aim 7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 8	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	No	No	Yes
Aim 9	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 10	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aim 11	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
Spatial S	trategy														
SS1:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes
SS2:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SS3:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes
SS4:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
SS5:	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes
SS6:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
PROP1:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
SS7:	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes
SS8:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
SS9:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
SS10:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
PROP2:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes
PROP3:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
PROP4:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
PROP5:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
PROP6:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Policy		Features: Sta ssment (yes/r			ral Resou 2 Asses (yes/no)	sment		Historic Eı	าvironment: S	tage 2 Assess	ment (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
SS11:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SS12:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Place & Env	vironment –	Urban De	sign and	l Placem	aking									
DES1:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes
LPP1:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
LPP2:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OS1:	Yes	Yes	Yes	No	No	Yes	No	No	No	No	No	No	Yes	Yes	Yes
OS2:	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes
PLAY1:	Yes	Yes	Yes	No	No	Yes	No	No	No	No	No	No	Yes	Yes	Yes
PLAY2:	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes
PROP7:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Place & Env	vironment –	Historic E	nvironm	ent										
HE1:	No	No	No	No	No	No	Yes	Yes	No	Yes	No	No	No	No	No
HE2:	No	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No
HE3:	No	No	No	No	No	No	No	No	Yes	No	Yes	Yes	No	No	No

Policy		Features: Sta ssment (yes/r			ral Resou 2 Asses (yes/no)	sment		Historic E	nvironment: S	tage 2 Assess	ment (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
HE4:	Yes	Yes	No	No	No	No	No	No	No	Yes	No	No	No	No	No
HE5:	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	Place & Env	vironment –	Natural E	nvironme	ent										
NE1:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes	Yes	Yes
NE2:	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	Yes
NE3:	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
NE4:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	No	Yes
NE5:	Yes	Yes	No	No	No	Yes	No	No	No	No	No	No	No	No	No
NE6:	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
NE7:	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	Yes
NE8:	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes
NE9:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NE10:	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	No
NE11:	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	Yes
NE12:	No	No	Yes	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes

Policy		Features: Sta ssment (yes/r			ral Resou 2 Asses (yes/no)	sment		Historic Er	nvironment: S	tage 2 Assess	ement (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
NE13:	No	No	No	Yes	No	Yes	No	No	No	No	No	No	Yes	No	Yes
	Communitie	es and Hous	ing - Hou	sing											
RES1:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
RES2:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
RES3:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
RES4:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes
RES5:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
RES6:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
RES7:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Communitie	es and Hous	ing – Rur	al Housii	ng										
RH1:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
RH2:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
RH3:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RH4:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
RH5:	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes

Policy		Features: Sta ssment (yes/n			ral Resou 2 Asses (yes/no)	sment		Historic E	nvironment: S	tage 2 Assess	ment (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
	Economy ar	nd Employm	ent – Tov	vn Centr	es										
TC1:	No	No	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes
TC2:	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes
TC3:	No	No	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes
TC4:	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
TC5:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Economy ar	nd Employm	ent – Bus	siness ar	nd Indust	ry									
IND1:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
IND2:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IND3:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
IND4:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Economy ar	nd Employm	ent – Tou	ırism											
TOUR1:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TOUR2:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
TOUR3:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Policy		Features: Sta ssment (yes/r			ral Resou 2 Asses (yes/no)	sment		Historic E	nvironment: S	stage 2 Assess	ment (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
TOUR4:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
TOUR5:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
TOUR6:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
	Infrastructu	re – Digital II	nfrastructi	ıre											
INF1:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
INF2:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
INF3:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
	Infrastructu	re – Develop	er Contrib	outions											
INF4:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Infrastru	cture – Pron	noting Sustai	nable Tra	nsport											
T1:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Ni	No	No	No	Yes	Yes	Yes
T2:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes
T3:	No	No	Yes	No	Yes	No	No	No	No	No	No	No	Yes	No	Yes
T4:	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
T5:	No	No	Yes	No	Yes	No	No	No	No	No	No	No	Yes	No	Yes

Policy		Features: Sta ssment (yes/r			ral Resou 2 Asses (yes/no)	sment		Historic E	nvironment: S	tage 2 Assess	sment (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
	Energy and	Resources	– Support	ting Rene	ewable E	nergy									
RE1:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No	No
RE2:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No	No
RE3:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes
	Energy and	Resources	– Mineral	s											
MIN1:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MIN2:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIN3:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIN4:	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIN5:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes
MIN6:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIN7:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIN8:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIN9:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes

Policy		Features: Sta ssment (yes/n			ral Resou 2 Asses (yes/no)	sment		Historic E	nvironment: S	tage 2 Assess	sment (yes/no)			Environment sessment (ye	
	Landscape	Biodiversity Flora and Fauna	Climate	Soil	Air	Water	Listed Buildings	Conservation Area	Scheduled Monuments	Gardens and Designed Landscapes	Archaeological sites/areas	Historic Battlefields	Health	Population	Material Assets
	Energy ar	nd Resource	s – Susta	inable V	Vaste Ma	nageme	nt								
WM1:	No	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	Yes
WM2:	No	No	Yes	No	No	No	Yes	Yes	No	No	No	No	No	No	Yes
WM3:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
WM4:				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
	Financial	Guarantees													
FIN1:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Climate R	esilience													
CR1:	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
CR2:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
CR3:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

<u>Table 8</u> – Summary of Stage 2 Outcomes

Stage 2 Ass	sessment Key:	Significan	t Positive	Significant Po	sitive/Negative	Significant	Negative	Unknow	n / Neutral	Screened out at Stage 1:		
Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
V	/ision & Aims											
Aim 1: Reduce the effects of	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
climate change and contribute to net zero targets.	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	N/A
Aim 2: Create good quality and accessible places	Original Assessment	Significant Positive	Significant Positive	Unknown	Significant Positive	Significant Positive	Unknown	Unknown	Significant Positive	Significant Positive	Significant Positive	Significant Positive
which support the health and wellbeing of all our citizens		No Mitigation / Enhancement	No Mitigation / Enhancement	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	Unknown	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
Aim 3: Stabilise East Ayrshire's	Original Assessment	Unknown	Unknown	Significant Negative	Unknown	Significant Negative	Unknown	Unknown	Unknown	Unknown	Unknown	Significant Negative
population and stimulate population growth	After Mitigation/ Enhancement	Unknown	Unknown	Significant Positive Negative	Unknown	Significant Positive /Negative	Unknown	Unknown	Unknown	Unknown	Unknown	Significant Positive /Negative
Aim 4: Secure the provision of good quality housing to	Assessment	Significant Positive	Significant Positive	Unknown	Significant Positive	Significant Positive	Unknown	Unknown	Significant Positive	Significant Positive	Significant Positive	Significant Positive
meet a wide rang of needs, across all of East Ayrshire		No Mitigation / Enhancement	No Mitigation / Enhancement	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	Unknown	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
Aim 5: Deliver new and improve infrastructure, including green and digital	Original Assessment	Significant Positive / Negative	Significant Positive /Negative	Significant Positive /Negative	Unknown	Significant Positive /Negative	Significant Positive /Negative	Unknown	Significant Positive	Significant Positive	Significant Positive /Negative	Significant Positive /Negative
infrastructure, to assist in access to employment opportunities	After Mitigation/ Enhancement	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Significant Positive /Negative	Unknown	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	Significant Positive /Negative
Aim 7: Protect, enhance and capitalise on East	Original Assessment	Significant Positive / Negative	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Ayrshire's historic environment and cultural assets	After Mitigation/	Unknown	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Unknown
Aim 8: Protect and enhance Eas Ayrshire's diverse		Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Unknown	Unknown	Significant Positive	Significant Positive
natural environment and habitats and help tackle the nature crisis	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Neutral	Neutral	No Mitigation / Enhancement	Neutral

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
Aim 9: Increase tourism opportunities, in particular those	Original Assessment	Significant Positive / Negative	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Significant Positive	Significant Positive	Significant Positive / Negative
that protect, enhance and increase understand of East Ayrshire's rich biodiversity, landscape, history and cultural heritage	After Mitigation/ Enhancement	Unknown	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	No Mitigation / Enhancement	No Mitigation / Enhancement	Neutral
Aim 10: Recognise the changing face of	Original Assessment		Unknown	Significant Positive	Unknown	Unknown	Unknown	Unknown	Significant Positive	Significant Positive	Significant Positive	Significant Positive
retail whilst promoting our town centres as places where all members of the community can meet, work or be entertained	After Mitigation/ Enhancement	Screened out at Stage 1	Neutral	No Mitigation / Enhancement	Unknown	Neutral	Unknown	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Unknown
S	patial Strategy											
SS1: Climate	Original Assessment	Neutral	Significant Positive	Significant Positive	Neutral	Significant Positive	Significant Positive	Significant Positive/Negative	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Change	After Mitigation/ Enhancement	Significant Positive	Significant Positive	Significant Positive	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
SS2: Overarching	Original Assessment	Neutral	Neutral	Significant Positive	Significant Positive	Significant Positive	Neutral	Significant Positive/Negative	Significant Positive	Significant Positive	Significant Positive/Negative	Significant Positive/ Negative
Policy	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Neutral	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	Significant Positive
SS3: Central	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive		Significant Positive	Significant Positive	Significant Positive	Significant Positive
Scotland Green Network	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out at Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
SS4: Development of	Original Assessment	Significant Positive	Unknown	Unknown	Significant Positive	Unknown	Significant Positive	Unknown		Significant Positive	Significant Positive	Significant Positive
Vacant and Derelict Land	After Mitigation/ Enhancement	No Mitigation / Enhancement	Neutral	Neutral	No Mitigation / Enhancement	Neutral	No Mitigation / Enhancement	Neutral	Screened out at Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
SS5: Coalfield Communities	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive			Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Landscape Partnership	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out at Stage 1	Screened out at Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
SS7: Development in	Original Assessment	Unknown		Significant Positive/ Negative	Significant Positive	Significant Positive/ Negative	Significant Negative	Unknown	Significant Positive	Significant Positive	Significant Positive	Significant Positive/ Negative
South Central Kilmarnock (PROP1)	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive/ Negative	Significant Positive	Significant Positive/ Negative	Significant Positive/ Negative	Unknown	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive/ Negative
PROP2: Park & Ride at West	Original Assessment	Significant Negative	Significant Negative	Significant Positive/ Negative	Significant Positive/ Negative	Significant Positive	Neutral		Significant Positive	Significant Positive	Significant Positive	Significant Positive/ Negative
Fenwick	After Mitigation/ Enhancement	Significant Positive/ Negative	Significant Positive/ Negative	Neutral	Significant Positive	No Mitigation / Enhancement	Neutral	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive/ Negative
PROP3: Park and ride at Glasgow	Original Assessment			Significant Positive	Significant Negative	Significant Positive	Significant Negative		Significant Positive	Significant Positive	Significant Positive	Significant Positive / Negative
Road, Kilmarnock	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	Neutral	No Mitigation / Enhancement	Neutral	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Neutral
SS11: Making Space in	Original Assessment	Unknown	Unknown	Significant Positive	Significant Positive	Significant Positive	Unknown	Unknown	Unknown	Unknown	Significant Positive / Negative	Significant Positive
Settlements for Green Energy	After Mitigation/ Enhancement	Significant Positive	Significant Positive	Significant Positive	Significant Positive	No Mitigation / Enhancement	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
SS12: Strategic Woodland	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive / Negative	Significant Positive	Neutral	Neutral	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Creation	After Mitigation/ Enhancement	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	No Mitigation / Enhancement	Unknown	Unknown	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
Place & Environme	ent – Urban Design	and Placemaking										
DES1:	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Neutral	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Development Design	After Mitigation/ Enhancement	No Mitigation / Enhancement	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
LPP2: Development	Original Assessment	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
within a Local Place Plan area	After Mitigation/ Enhancement	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
OS1: Green and	Original Assessment	Significant Positive	Significant Positive	Significant Positive			Significant Positive		Significant Positive	Significant Positive	Significant Positive	Significant Positive
Blue Infrastructure	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
OS2:	Original Assessment	Significant Positive	Significant Positive	Significant Positive					Significant Positive	Significant Positive	Significant Positive	Significant Positive
Safeguarded Open Space	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
PLAY1: Play	Original Assessment	Neutral	Significant Positive	Neutral			Neutral		Significant Positive	Significant Positive	Significant Positive	Significant Positive
Provision	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
PLAY2: Loss of Play Equipment	Original Assessment								Neutral		Significant Positive	Significant Positive
and Outdoor Sports Facilities	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement
Place & Environm	ent – Historic Enviro	onment										
HE1: Listed	Original Assessment							Significant Positive / Negative				Significant Positive / Negative
Buildings	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Significant Positive	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Significant Positive
HE2: Conservation	Original Assessment							Significant Positive				Significant Positive
Areas	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement
HE3: Scheduled Monuments, Historic Battlefields and	Original Assessment	Significant Positive						Significant Positive				Significant Positive
other Archaeological and Historic Environment Assets	After Mitigation/ Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement
HE4: Gardens	Original Assessment	Significant Positive	Significant Positive					Significant Positive				Significant Positive
and Designed Landscapes	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement			
HE5: Enabling	Original Assessment	Significant Positive						Significant Positive / Negative		Unknown	Unknown	Significant Positive / Negative
Development	After Mitigation/ Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Significant Positive / Negative	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive / Negative
Place & Environm	ent – Natural Enviro	nment						, in the second				, in the second
NE1: Protecting and Enhancing	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Landscape and Features	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
NE2: Development	Original Assessment	Significant Positive / Negative	Significant Positive / Negative								Significant Positive	Significant Positive / Negative
Development Impacts on Areas of Wild Land	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive / Negative	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive / Negative				
NE3: Local	Original Assessment	Significant Positive	Significant Positive									Significant Positive
Landscape Area	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement				

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
NE4: Nature	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Unknown	Significant Positive	Unknown		Significant Positive		Significant Positive	Significant Positive
Crisis	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	No Mitigation / Enhancement	Significant Positive	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive
NE5: Protection of Areas of Nature	Original Assessment	Significant Positive	Significant Positive				Significant Positive					Significant Positive
Conservation Interest	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement
NE6: Vulnerable,	Original Assessment		Significant Positive									Significant Positive
Threatened and Protected Species	After Mitigation/ Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement
NE7: Geodiversity and Geological	Original Assessment	Significant Positive / Negative	Significant Positive / Negative								Significant Positive / Negative	Significant Positive / Negative
Interest	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive / Negative	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Significant Positive / Negative	Significant Positive / Negative
NE8: Trees, Woodland,	Original Assessment	Significant Positive	Significant Positive	Significant Positive					Significant Positive	Significant Positive	Significant Positive	Significant Positive
Forestry and Hedgerows	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
NE9: Woodland	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive / Negative	Significant Positive	Neutral	Unknown / Neutral	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Creation	After Mitigation/ Enhancement	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive	No Mitigation / Enhancement	Neutral	Neutral	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
NE10: Protection	Original Assessment	Significant Positive / Negative	Neutral		Significant Positive / Negative							Significant Positive / Negative
of Agricultural Land	After Mitigation/ Enhancement	Significant Positive / Negative	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Significant Positive / Negative
NE11: Soils	Original Assessment	Significant Positive / Negative		Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative				Significant Positive / Negative	Significant Positive / Negative
RETT. CONS	After Mitigation/ Enhancement	Unknown	Screened out At Stage 1	Unknown	Unknown	Unknown	Unknown	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Unknown	Unknown
NE12: Water, Air,	Original Assessment			Significant Positive		Significant Positive	Significant Positive		Significant Positive	Significant Positive	Significant Positive	Significant Positive
Light and Noise Pollution	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
NE13:	Original Assessment				Significant Positive		Significant Positive		Significant Positive		Significant Positive	Significant Positive
Contaminated Land	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement
Communities and	Housing - Housing											
RES1: New	Original Assessment	Significant Negative	Significant Negative	Significant Positive / Negative	Unknown	Significant Positive / Negative	Unknown	Unknown	Significant Positive / Negative		Significant Positive / Negative	Significant Positive / Negative
Housing Developments	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive	Screened out At Stage 1	Significant Positive	Significant Positive / Negative
RES4: Compact	Original Assessment	Unknown	Unknown	Significant Positive	Unknown	Significant Positive	Unknown		Significant Positive	Significant Positive	Significant Positive	Significant Positive
Growth	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
RES6: Gypsy	Original Assessment	Significant Negative	Unknown	Significant Negative	Unknown	Significant Negative	Unknown	Unknown	Significant Negative		Significant Negative	Significant Negative
Travellers' Sites	After Mitigation/ Enhancement	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Significant Positive / Negative	Significant Positive / Negative	Screened out At Stage 1	Significant Positive / Negative	Significant Positive / Negative
Communities and	Housing – Rural Ho	ousing										
RH1: Housing in	Original Assessment	Significant Negative	Unknown	Significant Negative	Unknown	Significant Negative	Unknown	Unknown	Significant Positive / Negative		Significant Positive / Negative	Significant Negative
the Rural Protection Area	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Neutral	Significant Negative	Significant Positive	Significant Positive / Negative	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive / Negative
RH2: Housing in the Rural	Original Assessment	Significant Negative	Unknown	Significant Negative	Significant Positive	Significant Negative	Unknown	Unknown	Significant Positive / Negative		Significant Positive / Negative	Significant Negative
Diversification Area	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Neutral	Unknown	Significant Positive	Significant Positive / Negative	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive / Negative
RH3: Rural	Original Assessment	Significant Positive / Negative	Neutral	Significant Negative	Neutral	Significant Negative	Neutral	Significant Negative	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Negative
Housing Clusters	After Mitigation/ Enhancement	Significant Positive	Neutral	Significant Positive / Negative	No Mitigation / Enhancement	No Mitigation / Enhancement	Neutral	Significant Positive / Negative	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive / Negative
RH5: Rural	Original Assessment	Significant Positive	Neutral	Significant Positive		Significant Positive			Significant Positive / Negative	Neutral	Significant Positive / Negative	Significant Positive / Negative
Housing - Development	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Significant Positive / Negative	No Mitigation / Enhancement	Significant Positive / Negative	Significant Positive / Negative
Economy and Emp	ployment – Town C	entres			<u></u>							
TC1: Supporting Development in Centres	Original Assessment			Significant Positive / Negative		Significant Positive	Unknown	Significant Positive / Negative	Significant Positive	Significant Positive	Significant Positive	Significant Positive / Negative

	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Significant Positive / Negative	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive / Negative	Neutral	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive / Negative
Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
TC2: Town Centre	Original Assessment			Significant Positive / Negative	Unknown	Significant Positive	Unknown	Significant Positive	Significant Positive		Significant Positive	Significant Positive
First Assessment	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive
TC3: Small scale retail development	Original Assessment			Significant Positive / Negative		Significant Positive / Negative	Unknown	Unknown	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative
in out-of-centre locations	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Significant Positive	Screened out At Stage 1	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative
TC4: Town Centre	Original Assessment			Significant Positive / Negative		Significant Positive / Negative	Unknown	Unknown	Significant Positive / Negative	Significant Positive	Significant Positive	Significant Positive / Negative
Living	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Significant Positive / Negative	Screened out At Stage 1	Significant Positive / Negative	Neutral	Neutral	Neutral	Significant Positive	No Mitigation / Enhancement	Significant Positive / Negative
Economy and Emp		s and Industry										
IND2: Business	Original Assessment	Significant Negative	Significant Negative	Significant Negative	Significant Negative	Significant Negative	Significant Negative	Unknown	Significant Negative	Significant Positive / Negative	Significant Negative	Significant Negative
the Rural Area	After Mitigation/ Enhancement	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive / Negative
Economy and Emp	oloyment – Tourism											
TOUR1: Tourism	Original Assessment	Significant Positive	Significant Positive	Significant Positive / Negative	Unknown	Significant Positive / Negative	Unknown	Unknown	Unknown	Unknown	Unknown	Significant Positive / Negative
Development	After Mitigation/ Enhancement	Significant Positive	Significant Positive	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive / Negative
TOUR6: Loudoun Castle Estate Garden and	Original Assessment	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative
Designed Landscape	After Mitigation/ Enhancement	Significant Positive	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative
Infrastructure – Pro	omoting Sustainable	Transport										
Policy INF3: Installation of	Original Assessment	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown		Unknown	Unknown
Digital	After Mitigation/ Enhancement	Significant Positive / Negative	Neutral	Neutral	Neutral	Significant Positive / Negative	Neutral	Neutral	Significant Positive	No Mitigation / Enhancement	Significant Positive	Significant Positive / Negative
Infrastructure – Pro	omoting Sustainable	e Transport										

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultura: Heritage	Health	Population	Material Assets	Cumulative Impacts
Policy T1: Transport	Original Assessment	Unknown	Unknown	Significant Positive	Unknown	Significant Positive	Unknown		Significant Positive	Significant Positive	Significant Positive / Negative	Significant Positive
requirements in New Development	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Neutral	Neutral
Policy T2: 20	Original Assessment	Unknown	Unknown	Significant Positive	Unknown	Significant Positive	Unknown		Significant Positive	Significant Positive	Significant Positive	Significant Positive
Minute Neighbourhoods	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
Policy T3:	Original Assessment			Significant Positive / Negative		Significant Positive / Negative			Significant Positive / Negative		Significant Positive / Negative	Significant Positive / Negative
Transport of Freight	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement
Policy T4:	Original Assessment	Unknown	Unknown	Significant Positive / Negative				Significant Positive / Negative	Significant Positive		Significant Positive	Significant Positive / Negative
Protection of Core Paths and other routes	After Mitigation/ Enhancement	Neutral	Neutral	Neutral	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Neutral	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Neutral
Policy T5: Charging	Original Assessment			Significant Positive		Significant Positive			Significant Positive		Significant Positive	Significant Positive
Infrastructure for electric vehicles	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement
Energy and Resou	rces – Supporting F	Renewable Energy			<u>'</u>							
Policy RE1:	Original Assessment	Significant Negative	Unknown	Significant Positive	Unknown	Significant Positive	Unknown		Unknown			Unknown
Renewable —	After Mitigation/ Enhancement	Significant Positive / Negative	Neutral	No Mitigation / Enhancement	Neutral	No Mitigation / Enhancement	Unknown	Screened out At Stage 1	Unknown	Screened out At Stage 1	Screened out At Stage 1	Unknown
	Original Assessment	Unknown	Unknown	Significant Positive	Unknown	Significant Positive	Unknown		Unknown			Unknown
	After Mitigation/ Enhancement	Neutral	Neutral	No Mitigation / Enhancement	Neutral	No Mitigation / Enhancement	Neutral	Screened out At Stage 1	Neutral	Screened out At Stage 1	Screened out At Stage 1	Neutral

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
Policy RE3: Low	Original Assessment	Neutral	Neutral	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Unknown /Neutral	Significant Positive	Significant Positive	Significant Positive	Significant Positive
and Zero Carbon Buildings	After Mitigation/ Enhancement	Neutral	Neutral	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
Energy and Resou	rces – Minerals		'									
MIN2: Extraction	Original Assessment	Significant Negative	Significant Negative	Significant Negative	Significant Negative	Neutral	Unknown	Unknown	Significant Negative	Significant Negative	Significant Negative	Significant Negative
of Minerals	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	No Mitigation / Enhancement	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative
MIN3: Minerals	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Restoration and Placemaking	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
MIN4: Protecting	Original Assessment	Significant Positive	Unknown / Neutral	Unknown / Neutral				Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
Communities	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
MIN5: Protecting	Original Assessment	Neutral	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive		Significant Positive	Significant Positive	Neutral	Significant Positive
Residential Amenity	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
MING: Duration of	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
MIN6: Duration of _ Extraction Period	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
	Original Assessment	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive	Significant Positive	Significant Positive	Significant Positive / Negative
	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive	Significant Positive	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive / Negative

Policy		Landscape & Geology	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Health	Population	Material Assets	Cumulative Impacts
MIN8: Reworking	Original Assessment	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	No cumulative impacts
of Waste Spoils Tips	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No cumulative impacts
MIN9: Extraction	Original Assessment	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative	Significant Positive / Negative		Significant Positive / Negative	Significant Positive / Negative	Significant Positive	Significant Positive / Negative
of Secondary Aggregates	After Mitigation/ Enhancement	Significant Positive / Negative	Significant Positive	Significant Positive	Significant Positive	Neutral	Significant Positive	Screened out At Stage 1	Neutral	No Mitigation / Enhancement	No Mitigation / Enhancement	Significant Positive
Energy and Resou	rces – Sustainable	Waste Management										
WM1: Waste	Original Assessment							Unknown			Significant Positive	Significant Positive
Management in New Development	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Neutral	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement			
WM2: Development & the Circular	Original Assessment			Significant Positive				Unknown			Significant Positive	Significant Positive
Economy	After Mitigation/ Enhancement	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	Screened out At Stage 1	Screened out At Stage 1	Screened out At Stage 1	Neutral	Screened out At Stage 1	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement
WM3: Waste	Original Assessment	Unknown	Unknown	Significant Positive / Negative	Unknown	Significant Positive / Negative	Unknown	Unknown	Significant Positive		Significant Positive	Significant Positive / Negative
Management Facilities	After Mitigation/ Enhancement	Neutral	Neutral	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Neutral	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	Significant Positive / Negative
WM4: Recovery	Original Assessment	Unknown	Unknown	Significant Positive / Negative	Unknown	Significant Positive / Negative	Unknown	Unknown	Significant Positive / Negative		Significant Positive	Significant Positive / Negative
of energy from Waste	After Mitigation/ Enhancement	Neutral	Neutral	Significant Positive / Negative	Neutral	Significant Positive / Negative	Neutral	Screened out At Stage 1	Significant Positive	Screened out At Stage 1	Significant Positive	Significant Positive / Negative
Climate Resilience												
CR1: Flood Risk	Original Assessment	Significant Positive	Significant Positive / Negative	Significant Positive	Significant Positive		Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive	Significant Positive
CR1: Flood Risk Management	After Mitigation/ Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	Screened out At Stage 1	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement	No Mitigation / Enhancement
CR3: Carbon	Original Assessment	Unknown	Unknown	Significant Positive	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Sequestration	After Mitigation/ Enhancement	Unknown	Unknown	No Mitigation / Enhancement	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

Assessment of Allocated LDP2 Sites Screened into Stage 2

Key	Positive	Positive/Negative	Negative	Neutral/Unknown
Rey	SP	SP/N	SN	N

<u>Table 9</u> – Summary of LDP2 Site Assessment Outcomes

Overall Assessment Outcome	Ref No	Site Address/Location	Landscape	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Human Health	Population	Material Assets
	Resident	tial										
SP/N	AL-H1	Coal Road, Auchinleck	SN	SN	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SP/N	AL-H2	Dalsalloach Wood, Auchinleck	SN	SN	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SP/N	AL-H3	School Road, Auchinleck			SP/N	SN	SP/N			SP/N	SP	SP
SN	BS-H1	Burnside (West), Burnside	N	N	SN	SN	SN			SN	SP/N	SP/N
SN	BS-H2	Burnside (North), Burnside	N	N	SN	SN	SN			SN	SP/N	SP/N
SP/N	CA-H1	John Street (East), Catrine	N	N	SP/N	SN	SP/N			SP/N	SP/N	SP/N
SP/N	CA-H2	John Street (West), Catrine	N	N	SP/N	SN	SP/N			SP/N	SP/N	SP/N
SP/N	CA-H3	Mill Street, Catrine	N	N	SP/N	SN	SP/N	SN	SN	SP/N	SP/N	SP/N
SP/N	CA-H4	Shawwood Farm, Catrine	N	SN	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SP
SP/N	CR-H1	Grougar Road (East), Crookedholm	N	N	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SP/N	CH-H1	Gatehead Road, Crosshouse	SN	SN	SP/N	SN	SP/N	SN	U	SP/N	SP/N	SP/N
SP/N	CH-H2	Holm Farm, Crosshouse	N	N	SP/N	SN	SP/N	N	N	SP/N	SP/N	SP/N
SP/N	СН-Н3	Irvine Road, Crosshouse	SN	N	SP/N	SN	SP/N	SN		SP/N	SP/N	SP/N
SP/N	CN-H1	Auchinleck Road, Cumnock	SN	SN	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	CN-H2	Barrhill Road, Cumnock			SP/N	SN	SP/N		SN	SP/N	SP/N	SP/N
SP/N	CN-H3	Dalgleish Avenue, Cumnock			SP/N	SN	SP/N	SP/N		SP/N	SP/N	SP/N
SP/N	CN-H4	Ryderston Avenue, Cumnock			SP/N	SN	SP/N			SP/N	SP/N	SP
SP/N	DA-H1	Ayr Road, Dalmellington	N	N	SP/N	SP/N	SP/N	SN	SN	SP/N	SP	SP/N
SN	DA-H2	Gateside Road, Dalmellington	SN	SN	SP/N	SN	SP/N	SN	SN	SP/N	SP	SP/N
SP/N	DA-H3	High Street, Dalmellington	N	N	SP/N	SN	SP/N	N	SP/N	SP/N	SP	SP/N
SP/N	DR-H1	Burnton Road, Dalrymple	N		SP/N	N	SP/N			SP/N	SP	SP/N

Overall Assessment Outcome	Ref No	Site Address/Location	Landscape	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Human Health	Population	Material Assets
SP/N	DL-H1	Burn Road, Darvel	SN	SN	SP/N		SP/N	U		SP/N	SP	SP/N
SP/N	DL-H2	Crofthead, Priestland	N	SN	SP/N		SP/N			SP/N	SP/N	SP/N
SP/N	DL-H3	Jamieson Road, Darvel	N	SN	SP/N		SP/N			SP/N	SP	SP/N
SP/N	DL-H4	West Donnington Street, Darvel			SP/N	SP	SP/N	SP		SP/N	SP	SP
SP/N	DR-H1	Burnton Road, Dalrymple	N		SP/N	N	SP/N			SP/N	SP	SP/N
SP/N	DG-H1	Martnaham Way, Drongan	SN	SN	SP/N	SP/N	SP/N	SP/N	SN	SP/N	SP/N	SP/N
SP/N	DG-H2	Mill O'Shield Road, Drongan	SN	N	SP/N	SN	SP/N			SP/N	SP/N	SP/N
SP/N	DU-H1	West View Terrace, Dunlop	N	N	SP/N		SP/N		SN	SP/N	SP/N	SP
SP/N	FW-H1	Bowling Green Road, Laigh Fenwick	N	SN	SP/N	N	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	FW-H2	Main Road, Fenwick	SN	SN	SP/N	SP	SP/N	N		SN	SP/N	SP
SP/N	FW-H3	Stewarton Road, Fenwick	SN	N	SP/N		SP/N	N		SN	SP/N	SP
SP/N	GA-H1	Belvedere View, Galston	N	N	SP/N	SN	SP/N	N		SP/N	SP	SP/N
SP/N	GA-H2	Bewland Street, Galston		N	SP/N	SN	SP/N	N		SP/N	SP	SP
SP/N	GH-H1	Main Road, Gatehead	N	SN	SP/N	SP/N	SP/N	SN		SP/N	SP/N	SP/N
SP/N	HU-H1	Galston Road, Hurlford	SN	SN	SP/N	SP/N	SP/N	SN		SP/N	SP/N	SP
SP/N	KK-H1	Altonhill, Kilmarnock	SN	SN	SP/N	SN	SP/N	N		SP/N	SP/N	SP
SP/N	KK-H2	Bridgehousehill, Kilmarnock	N	SN	SP/N	SN	SP/N	N	N	SP/N	SP/N	SP/N
SP/N	KK-H3	Fardalehill (East), Kilmarnock	N	N	SP/N	SN	SP/N	SN	SN	SP/N	SP/N	SP/N
SP/N	KK-H4	Fardalehill (West), Kilmarnock	SN	SN	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SP/N	KK-H5	Glasgow Road (East), Kilmarnock	N	SN	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	KK-H6	Glasgow Road (West), Kilmarnock		SN	SP/N	SN	SP/N	SN		SP/N	SP/N	SP
SP/N	KK-H7	Irvine Road, Kilmarnock	N	SN	SP/N	SP/N	SP/N	N		SP/N	SP/N	SP/N
SP/N	KK-H8	Kennedy Drive, Kilmarnock	SN	N	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SP
SP/N	KK-H9	Maxholm, Kilmarnock		N	SP/N	SN	SP/N	SN		SP/N	SP/N	SP
SP/N	KK-H10	Moorfield, Kilmarnock	N		SP/N	SP/N	SP/N	SN		SP/N	SP/N	SP
SP/N	KK-H11	Mount Pleasant Way/Hill Street, Kilmarnock			SP/N	SP/N	SP/N		SN	SP/N	SP/N	SP
SP/N	KK-H12	Northcraigs, Kilmarnock	SN	SN	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N

Overall Assessment Outcome	Ref No	Site Address/Location	Landscape	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Human Health	Population	Material Assets
SP/N	KK-H13	Sutherland Drive, Kilmarnock			SP/N	SN	SP/N	N		SP/N	SP/N	SP
SP/N	KK-H14	Treesbank, Kilmarnock	SN	SP/N	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	KK-H15	Western Road (South), Kilmarnock			SP/N	SP/N	SP/N	N		SP/N	SP/N	SP
SP/N	KK-H16	Western Road (North), Kilmarnock			SP/N	SP/N	SP/N	N		SP/N	SP/N	SP
SP/N	KM-H1	Crosshouse Road, Kilmaurs	N	N	SP/N	SN	SP/N	N		SP/N	SP/N	SP
SP/N	KM-H2	Habbieauld Road, Kilmaurs	SN	SN	SP/N	SN	SP/N	N	N	SP/N	SP/N	SN
SP/N	KM-H3	Irvine Road, Kilmaurs	N	N	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SP/N	KM-H4	Standalane, Kilmaurs	SN	SN	SP/N	N	SP/N	N	N	SP/N	SP	SP/N
SP/N	KT-H1	Southhook Road, Knockentiber	SN	SN	SP/N	SP/N	SP/N	N		SP/N	SP/N	SP/N
SP/N	MA-H1	Sorn Road, Mauchline	SN	N	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	MA-H2	Station Road (North), Mauchline	N	N	SP/N		SP/N			SP/N	SP/N	SP/N
SP/N	MA-H3	Station Road (South), Mauchline	SN	SN	SP/N	SP/N	SP/N			SP/N	SP/N	SP/N
SP/N	MK-H1	Smallburn Road, Muirkirk	N	SN	SP/N	SP/N	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	MK-H2	Wellwood Street, Muirkirk	N	SN	SP/N	SN	SP/N		SN	SP/N	SP/N	SP/N
SP/N	NC-H1	Castle, New Cumnock	N	N	SP/N	SP/N	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	NC-H2	Crown Hotel, New Cumnock	N	N	SP/N	SN	SP/N	SN	SN	SP/N	SP/N	SP/N
SP/N	NC-H3	Dalhanna Drive, New Cumnock	N	N	SP/N	SN	SP/N			SP/N	SP/N	SP/N
SP/N	PA-H1	Ayr Road, Patna	N	SN	SP/N	SP/N	SP/N			SP/N	SP	SP/N
SP/N	PA-H2	Carskeoch Caravan Site, Patna	SN	SN	SP/N	SP/N	SP/N	N		SP/N	SP	SP/N
SP/N	РА-Н3	Cemetery Road, Patna	N	N	SP/N	SN	SP/N			SP/N	SP	SP/N
SP/N	PA-H4	Main Street, Patna			SP/N	SN	SP/N			SP/N	SP	SP/N
SP/N	ST-H1	Draffen East, Stewarton	SP/N	SN	SP/N	SN	SP/N	N	SN	SP/N	SP/N	SN
SN	ST-H2 (PROP11)	Kilwinning Road, Stewarton	SN	SN	SN	SN	SP/N	N	SN	SP/N	SP/N	SP/N
		& Industry										
SP/N	AL-B1(O)	High House Industrial Estate, Auchinleck	N	N	SP/N	SN	SP/N		SN	SP/N	SP/N	SP/N
SP/N	DL-B2(0)	Jamieson Road, Darvel		N	SP/N	SP	SP/N	SN	SN	SP/N	SP/N	SP
SP/N	HU-B1(O)	Galston Road, Hurlford	N	N	SP/N	SN	SP/N	SN		SP/N	SP/N	SP/N
SP/N	KK-B6(O	Northcraig/Rowallan, Kilmarnock	N	SP/N	SP/N	SP/N	SP/N	N	SN	SP/N	SP	SP/N

Overall Assessment Outcome	Ref No	Site Address/Location	Landscape	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Human Health	Population	Material Assets
SP/N	MK-B1(O)	Furnace Road Industrial Estate, Muirkirk	N	N	SP/N	SP/N	SP/N	SN	SN	SP/N	SP/N	SP/N
SP/N	NM-B1(O)	Brown Street, Newmilns	N	SN	SP/N	SP/N	SP/N	SN	SN	SP/N	SP/N	SP/N
SP/N	PA-B1(O)	Ayr Road Industrial Site, Patna	N	N	SP/N	SP/N	SP/N	SN		SP/N	SP/N	SP/N
SP/N	RU-B2(O1)	Kirklandside & Kaimshill (North)	SN	SN	SP/N	SN	SP/N	SN		SP/N	SP/N	SP/N
SP/N	RU-B2(O2)	Kirklandside & Kaimshill (South)	SN	SN	SP/N	SN	SP/N	SN		SP/N	SP/N	SP/N
SP/N	RU-B3(O)	Crowbandgate	SP/N	N	SP/N	N	SP/N	SP/N		SP/N	SP/N	SP/N
SP/N	ST-B1(O)	Magbiehill, Stewarton	SN	SN	SP/N	SP/N	SP/N	SN	SN	SP/N	SP	SP/N
	Miscelland	eous										
SP/N	AL-M1	Former Auchinleck Academy, Auchinleck			SP/N		SP/N	N		SP/N	SP/N	SP
SN	AL-M2	Templeton Roundabout, Auchlinleck	SN	SN	SN	SN	SN	N		SP/N	SP/N	SN
SP/N	BG-M1	Bank School, Bank Glen	SP/N	N	SN	N	SN			SP/N	SP/N	SP
SP/N	CA-M1	Bridge Street, Catrine		N	SP/N	N	SP/N	SN	SP/N	SP/N	SP	SP
SP/N	CN-M1	Caponacre, Cumnock	N	N	SP/N	SP/N	SP/N	SN		SP/N	SP/N	SP/N
SP/N	CN-M2	Glaisnock Glen, Cumnock		SN	SP/N	SP/N	SP/N	N		SP/N	SP	SP/N
SP/N	DA-M1	Croft Street, Dalmellington			SP/N	SP/N	SP/N	N	SN	SP/N	SP	SP/N
SP/N	DA-M2	Doon Academy, Dalmellington		N	SP/N	SN	SP/N	SP/N	SN	SP/N	SP	SP/N
SP/N	GA-M1	Bridge Street, Galston			SP/N	SN	SP/N	SN	SN	SP/N	SP/N	SP/N
SP/N	GA-M2	Corner of Cross St, Galston			SP/N	SN	SP/N	SP/N	SN	SP/N	SP/N	SP/N
SP/N	GA-M3	Garden Street, Galston		N	SP/N	SN	SP/N			SP/N	SP	SP
SP/N	KK-M1	Former ABC Cinema, Titchfield Street, Kilmarnock			SP/N	SN	SP/N	SP/N	SP	SP/N	SP	SP
SP/N	KK-M2	Former Burlington Bertie's, Kilmarnock			SP/N	SN	SP/N	SN	SN	SP/N	SP/N	SP
SP/N	KK-M3	Wellington Street, Kilmarnock			SP/N	SP/N	SP/N		SN	SP/N	SP/N	SP
SP/N	KK-M4	West Shaw Street, Kilmarnock			SP/N	SP/N	SP/N	SP/N		SP/N	SP	SP
SP/N	KK-M5	Western Road (area centre), Kilmarnock		SN	SP/N	SP/N	SP/N	SP/N		SP/N	SP	SP/N
SP/N	KK-M6	Northcraigs, Kilmarnock	N	N	SP/N	SP/N	SP/N	N		SP/N	SP	SP/N
SP/N	MK-M1	Former Nursery School, Main Street, Muirkirk			SP/N	N	SP/N	N		SP/N	SP	SP/N
SP/N	MK-M2	Carruthers Park, Muirkirk	N	N	SP/N	SP/N	SP/N			SP/N	SP/N	SP/N
SP/N	NC-M1	Castle, New Cumnock			SP/N	SP/N	SP/N	SN		SP/N	SP/N	SP/N
SP/N	NM-M1	High Street, Newmilns	SP/N	N	SP/N	N	SP/N	SP/N		SP/N	SP	SP

Overall Assessment Outcome	Ref No	Site Address/Location	Landscape	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Human Health	Population	Material Assets
SP/N	NM-M2	Loudoun Road, Newmilns			SP/N	SN	SP/N	SN	SN	SP/N	SP	SP
SP/N	RU-M1	Barony Colliery, Near Ochiltree and Auchinleck	SP/N	SN	SP/N	SP/N	SP/N	SP	SP/N	SP/N	SP	SP
SP/N	RU-M2	Loudoun Castle, near Galston	SN	SN	SP/N	SP/N	SP/N	SN	SP/N	SP/N	SP/N	SP/N
SP/N	RU-M3	Land South of Moorfield, Kilmarnock	N	N	SP/N	SP/N	SP/N	N		SP/N	SP/N	SP/N
SP/N	ST-M1	Bridgend, Stewarton	SP		SP/N		SP/N	SN		SP/N	SP/N	SP
SP/N	ST-M2	Kilwinning Road, Stewarton	SP	SP/N	SP/N		SP/N	SN	SN	SP/N	SP/N	SP/N
	Ayrshire Gr	owth Deal										
SP/N	CN-A1	CoRE, Cumnock	N	SN	SP/N	SN	SP/N			SP	SP	SP/N
SP/N	KK-A1	Ayrshire Engineering Park, Kilmarnock	SN	N	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SP/N	KK-A2	Balmoral Road/Hill Street, Kilmarnock	N	N	SP/N	SP/N	SP/N	N	SN	SP/N	SP/N	SP
SP/N	RU-A1	Advanced Manufacturing Investment Corridor, Near Kilmarnock and Hurlford	SN	N	SP/N	SN	SP/N	SN		SP/N	SP/N	SP/N
	Proposals											
SP	PROP1	South Central Kilmarnock, Kilmarnock (Policy SS8)	U		SP/N	SP	SP/N	SN	U	SP	SP	SP
SP	PROP2	Park & Ride at West Fenwick, Near Fenwick	SN	SN	SP/N	SP	SP	N		SP	SP	SP
SP	PROP3	Park & Ride at Glasgow Road, Kilmarnock			SP	SN	SP	SN		SP	SP	SP
SP/N	PROP8	Mount Carmel Primary School, Kilmarnock			SP/N	SP/N	SP/N	SP/N		SP/N	SP/N	SP/N
SP/N	PROP9	Onthank Primary School, Kilmarnock			SP/N	SN	SP/N	SN		SP/N	SP/N	SP/N
SP/N	PROP10	Altonhill/Fardalehill (West), Kilmarnock (KK-H1 & KK-H4)	SN	SN	SP/N	SN	SP/N	N		SP/N	SP/N	SP/N
SN	PROP11	Kilwinning Road, Stewarton (ST-H2)	SN	SN	SN	SN	SP/N	N	SN	SP/N	SP/N	SP/N
SP/N	PROP12	Hillhead Primary School, Kilmarnock			SP/N	SN	SP/N	SP/N		SP/N	SP/N	SP/N
	Cemetery E	xtension										
N	CEM1	Auchinleck Cemetery, Auchinleck	N	SN	N	SN	N	N	SN	N	N	SP
N	CEM2	Catrine Cemetery, Catrine	N	SN	N	SN	N			N	N	SP
N	CEM3	Dalmellington Cemetery, Dalmellington	N	SN	N	SN	N		SN	N	N	SP
N	CEM4	Dalrymple Cemetery, Dalrymple	N		N	N	N			N	N	SP
N	CEM5	Drongan Cemetery, Drongan	N	N	N	SN	N			N	N	SP
N	CEM6	Fenwick Cemetery, Fenwick	N	N	N		N	N		N	N	SP
N	CEM7	Galston Cemetery, Galston	N		N	SN	N			N	N	SP

Overall Assessment Outcome	Ref No	Site Address/Location	Landscape	Biodiversity, Flora & Fauna	Climatic Factors	Soil	Air	Water	Cultural Heritage	Human Health	Population	Material Assets
N	N CEM8 Kilmarnock Cemetery, Kilmarnock		N	N	N	SN	N			N	N	SP
N	CEM9	Kilmaurs Cemetery, Kilmaurs	N		N	SN	N	N		Ν	N	SP
N	CEM10	Mauchline Cemetery, Mauchline	N	SN	N	SN	N			N	N	SP
N	CEM11	Muirkirk Cemetery, Muirkirk	N	N	N	SN	N			N	N	SP
N	CEM12	Riccarton Cemetery, near Kilmarnock	N	N	N	SN	N			N	N	SP
	Waste Mana	gement Facilities										
SN	CN-W1	Caponacre HWRC & bulking facility, Cumnock	N	SN	SN	SP/N	SN	SN		SP/N	SP/N	SP/N
SN	RU-W4	Killoch Energy recovery Facility nr. Ochiltree	SN		SN	SP/N	SN	N		SN	SP/N	SP/N
	Future Grow	vth Sites										
SP/N	CH-F1(H)	Kilmaurs Road, Crosshouse	SN	N	SP/N	SP/N	SP/N	N		SP/N	SP/N	SP
SP/N	DA-F1(H)	Saw Mill, Dalmellington	SP	N	SN	SP/N	SN	SP		SP/N		SP/N
SP/N	DG-F1(H)	Watson Terrace, Drongan	SN	SN	SP/N	SN	SP/N		SN	SP/N	SP/N	SP
SP/N	FW-F1(H)	Waterslap Road, Fenwick	SN	SN	SP/N	N	SP/N	SN	SN	SP/N	SP	SN
SP/N	GA-F1(H)	Maxwood Road, Galston	SN	N	SP/N	SP/N	SP/N			SP/N	SP/N	SP/N
SP/N	KK-F1(H)	Caprington Golf Course, Kilmarnock	SN	SN	SP/N	SN	SP/N	SP/N	SN	SP/N	SP/N	SP/N
SP/N	KK-F2(H)	Land at Grassmillside, Kilmarnock	SN	SN	SP/N	SN	SN	N	N	SP/N	SP/N	SP/N
SP/N	KM-F1(H)	Crosshouse Road, Kilmaurs	SN	SN	SP/N	SN	SP/N	N	N	SP/N	SP/N	SN
SP/N	MA-F1(H)	Sorn Road (North), Mauchline	SN	N	SP/N	SN	SP/N		SN	SP/N	SP/N	SP/N

8. Cumulative and Synergistic Impact Assessment

Cumulative Impacts

8.1. Tables 8 and 9 detail the summary of significant cumulative environmental impacts for each individual spatial strategy, policy, proposal and development site that was through a Stage 2 Assessment and also in terms of the LDP2's impacts on each environmental receptor.

Vision, Spatial Strategy, Policies and Proposals:

- 8.2. In general, for each individual spatial strategy policy and proposal, the significant cumulative impacts in terms of general assessment results were either significant positive or significant positive/negative. There were 7 policies which were identified that were likely to have significant negative cumulative environmental impacts:
 - ❖ Aim 3 Stabilise East Ayrshire's population and stimulate population growth
 - ❖ RES6 Gypsy Traveller's Sites
 - RH1 Housing in the Rural Protection Area
 - ❖ RH2 Housing in the Rural Diversification Area
 - ❖ RH3 Rural Housing Clusters
 - ❖ IND2 Business Development in the Rural Area
 - ❖ MIN 2 Extraction of Minerals
- 8.3. After mitigation, Aim 3, RES6, RH1, RH2, RH3, IND3 and MIN2 were likely to have significant positive/negative cumulative impacts, however, this is dependent on the mitigation measures being implemented.
- 8.4. The Aims, in terms of their impacts on the individual environmental receptors are likely to have significant positive, neutral or unknown impacts. Where impacts were unknown, the implementation of mitigation measures will likely result in significant positive impacts. Given the overarching and high level nature of these aims, impacts are dependent on the implementation of other policies, proposals and opportunity sites on the ground, however, these set the tone of the LDP2.
- 8.5. The implementation of the Spatial Strategy policies and proposals, in terms of their impacts on individual environmental receptors is likely to have largely significant positive impacts. Where impacts are unknown or neutral, the implementation of mitigation is likely to result in significant positive or neutral impacts being experienced. Where significant positive/negative or negative impacts are identified, a precautionary approach has been adopted within cumulative impacts being categorised after mitigation as significant

- positive/negative to ensure that the strategic assessment is not overly positive and considers fully potential negative impacts.
- 8.6. The implementation of the wider LDP2 policies, in terms of their impacts on individual environmental receptors were likely to have significant positive or significant positive/negative impacts. Where impacts are unknown or neutral, the implementation of mitigation is likely to result in significant positive or neutral impacts being experienced. Where significant positive/negative or negative impacts are identified, a precautionary approach has been adopted within cumulative impacts being categorised after mitigation as significant positive/negative to ensure that the strategic assessment is not overly positive and considers fully potential negative impacts.
- 8.7. The LDP2 policies and proposals are likely to have cumulative significant positive/negative impacts on the following environmental receptors: Air quality, climatic factors, landscape, health, population and material assets. The LDP2 policies and proposals are likely to have cumulative positive impacts on the following environmental receptors: biodiversity, flora and fauna, soil and cultural heritage.
- 8.8. In overall terms, the implementation of LDP2 policies and proposals are likely to have significant positive/negative cumulative impacts in terms of the original assessment and also in terms of the mitigation/enhancement measures.

Development Sites

- 8.9. In general, the LDP2's identified development opportunity sites are considered to have individual significant positive/negative cumulative impacts.
- 8.10. There are 7 sites which may have largely significant negative impacts on environmental receptors, these are listed below. The detailed Site Proformas of the SEA (see Appendix 11.1-11.26), and Volume 2 of the Plan detail and outline mitigation measures which should be implemented are likely to reduce these significant negative impacts, and the overall cumulative impact of these development opportunity sites:
 - ❖ **BS-H1** Burnside (West), Burnside
 - ❖ BS-H2 Burnside (North), Burnside
 - ❖ DA-H2 Gateside Road, Dalmellington
 - ❖ ST-H2 (PROP11) Kilwinning Road, Stewarton
 - ❖ AL-M1 Templeton Roundabout, Auchlinleck
 - **❖ CN-W1** Caponacre HWRC & Bulking Facility, Cumnock
 - ❖ RU-W4 Killoch Energy recovery facility near Ochiltree

- 8.11. There are 3 sites which may have largely significant positive impacts on most environmental receptors, these are listed below. The detailed Site Proformas of the SEA (see Appendix 11.1-11.26), and Volume 2 of the Plan detail and outline mitigation measures which should be implemented and are likely to reduce significant negative or significant positive/negative impacts, and the overall cumulative impact of these proposal sites further:
 - ❖ PROP1 (Policy SS8) South Central Kilmarnock
 - ❖ PROP 2 Park & Ride at West Fenwick, near Fenwick
 - ❖ PROP3 Park & Ride at Glasgow Road, Kilmarnock
- 8.12. In terms of the development sites' cumulative impacts on the individual environmental receptors, the majority of the cumulative impacts are likely to prove significant positive or significant positive/negative. Only landscape, biodiversity, flora and fauna, soil and (where applicable) the water environment are likely to have largely significant negative impacts. For landscape and biodiversity, a precautionary approach has been utilised in assessing impacts, a number of the allocated sites are periphery in nature and as such are more likely to have impacts on landscape and biodiversity. However, for a large portion of the sites, impacts on these two environmental receptors are likely to be neutral. In terms of soil, where any Coal Authority Development Risk Area was identified (low or high), impacts were categorised as negative as a precaution, subject to appropriate mitigation. As such, this precautionary approach means that a number of sites have negative impacts listed for soil which may be neutral through the implementation of mitigation. Where impacts are anticipated for the historic environment, unless positive impacts are anticipated through the improvement of streetscape and redevelopment of listed buildings then impacts were considered to be negative subject to appropriate mitigation. The cumulative impacts for climatic factors, air quality, human health, population and material assets are considered to be largely significant positive/negative. It should be noted that these impacts are dependent on the mitigation measures being implemented.
- 8.13. Although the individual assessments of the sites indicated that it is unlikely that the sites themselves will result in a significant increase in the amount of waste produced within the applicable settlement, some sites based on their scale and capacity indicated that there may be an significant increase, cumulatively there will likely be significant negative environmental impacts in terms of waste production by settlement and in terms of East Ayrshire as a whole. Therefore, to mitigate the impact, developers of the sites, in terms of construction waste, will require to recycle material, either through re-use on site, or through re-use in other projects, in line with the provisions of the Zero Waste Plan. In terms of domestic waste, any developer will be required to ensure that the provisions of

- policies WM1-WM4 are met. Should this be the case then there are likely to be significant positive/negative environmental cumulative impacts on waste.
- 8.14. Removal of contaminated soil and water and redevelopment of brownfield land is also likely to have significant positive synergistic impacts on landscape, biodiversity, flora and fauna and health.
- 8.15. Infrastructure improvements are anticipated to have cumulative impacts and implications on the environment across East Ayrshire. For example, improvements to infrastructure capacity within Stewarton and the road network around Bellfield Interchange. The increased provision for infrastructure relating to electric vehicle charging is also likely to have cumulative impacts. In terms of synergistic impacts, these are likely to have positive and negative impacts in terms of air quality, material assets, human health and population.

Synergistic Impact Assessment

- 8.16. Synergistic impacts occur when the combination of individual and unrelated impacts combine to produce a different impact to the sum of the individual impacts concerned. Synergistic impacts are anticipated through the interrelationship of different plans, programmes and strategies as promoted by Council services e.g. a reduction in greenhouse gas emissions will positively impact on biodiversity conservation and protection and can also impact on air quality, by reducing pollution levels, which can lead to a reduction in asthma.
- 8.17. The results of the assessment of planning policy have been examined to determine whether synergistic impacts are predicted. It is considered that there is potential for positive synergistic impacts across a number of criteria. These include:
 - Policies intended to have positive impacts on landscape and protecting the character of the rural area, are also likely to have positive impacts on biodiversity, flora and fauna;
 - Policies intended to reduce car usage and decrease emissions, will combine to have a positive impact on human health and population;
 - Policies intended to have a positive impact on the economy and diversity of town centres, are also subsequently likely to have a positive impact on climatic factors and air quality through concentrating development in areas with good public transport and active travel links; and
 - Policies intended to direct development to previously developed land and vacant and derelict sites, are also likely to have a positive impact on soils and climatic factors.
- 8.18. The results of the site assessments have also been examined to identify any synergistic impacts. Again, synergistic impacts are expected and are generally considered to be positive. Specifically, impacts are predicted in terms of:
 - 2 key principles adhered to in the allocation of sites are to make use of brownfield land and to direct development to locations within settlements. The

key purpose is to ensure development is within locations that are accessible to public transport and active travel network. Positive synergistic impacts are predicted in terms of (i) landscape, biodiversity, flora and fauna and soils as greenfield sites will be protected and (ii) human health and population, through encouraging healthy lifestyles and good access to services.

 Mitigation required for a number of sites stipulates the need for low/zero carbon building techniques with the purpose of reducing carbon emissions. Similarly, the energy policies of the plan promote standalone renewable energy and renewable heat developments. Together, these parts of the Plan, will have positive synergistic impacts on human health, population and material asset.

9. Mitigation and Monitoring

Consultation Period

- 9.1. The public consultation period for the Main Issues Report and accompanying Interim Environmental Report took place between the 1st June 2020 and 31st July 2020. Comments submitted by statutory consultees, key agencies, community councils, community groups, organisations and the public during the Main Issues Report consultation period have been take into consideration in the preparation of LDP2's Proposed Plan. Consultee comments on the MIR Interim Environmental Report can be viewed in Appendix 2.
- 9.2. At Proposed Plan stage, public consultation will be held over a 6-8 week period. Any comments received in respect of the associated Environmental Report will be taken into account before the Plan is adopted by the Council. Any comments received from the Consultation Authorities will be reviewed and a table will be produced to show how the Consultation Authorities' comments have been taken into account.

Legislative Requirement for Monitoring

9.3. Monitoring the environmental performance of LDP2 during its lifetime is a key requirement of the SEA. The SEA Act, Schedule 3 paragraph 9, requires "a description of the measures envisaged concerning monitoring in accordance with Section 10". The monitoring measures proposed are based on the different environmental issues identified as potentially being subject to significant environmental effects from LDP2.

How we intend to monitor the LDP2 impacts

- 9.4. The monitoring of LDP2 will be undertaken primarily by the Council or other relevant agencies, involving a combination of the following mechanisms.
- 9.5. Where possible, the Council will seek to firstly avoid significant negative environmental impacts. If this is not possible, mitigation measures will be proposed which will aim to reduce the overall environmental impact to an acceptable level. In addition, the Plan may be required to change so that significant environmental effects can be avoided.
- 9.6. The adopted LDP2 will be subject to on-going monitoring. It is intended to create a set of indicators to measure the impacts that LDP2 may have on the

environment during its lifespan. The indicators will be based on the baseline information and the existing environmental problems and issues in the area and the identified current state of the environmental trends in the East Ayrshire State of the Environment Report (2019). In addition, the monitoring measures identified in National Planning Framework 4 have been used to assist in the monitoring process. At the MIR IER stage, the Planning Authority welcomed any guidance by the Consultation Authorities on the development of these indicators.

- 9.7. Mitigation measures will be set out in a way, which clearly identifies:
 - The measures required;
 - When they would be required; and
 - Who will be required to implement them?

Monitoring and Mitigation Measures

- 9.8. Where the stage 2 assessments indicate that there are likely to be adverse impacts as a result of the Main Issues and the associated preferred option and alternative options, mitigation measures have been proposed to reduce the overall environmental impact to an acceptable level for each of the environmental receptors that are affected. The stage 2 assessments also propose enhancement measures where appropriate and, as with the mitigation measures, these are identified against the individual environmental receptors in the stage 2 assessments. Table 10 below sets out the mitigation measures set out in the Stage 2 assessments.
- 9.9. The LDP2 is likely to have significant environmental impacts which require to be monitored to ensure that adverse and unforeseen impacts do not arise or can be easily identified and mitigation measures put in place. The monitoring measures are set out below:

<u>Table 10</u> Monitoring and Mitigation Measures for SEA Targets

Topic	Environmental Issue & Monitoring Objectives	Target	Mitigation/Monitoring Measures	Responsible Party	Proposed timescale
Natural Environm	ent				
Landscape	The Landscape of East Ayrshire is protected and any alterations to its character and setting shall have significant detrimental impacts.	protected and any alterations to	Implementation and effectiveness of LDP2 Spatial Strategy, Environment policies	EAC	2024-2034
		To protect, enhance and where appropriate restore landscape, local distinctiveness and areas of value. Avoid impacts on visually prominent areas. Development is largely directed to brownfield sites, as greenfield development is likely to have negative impacts on biodiversity through the loss and/or fragmentation of habitats and species.	 Mitigation: Development will only be allowed where the landscape is not detrimentally impacted by the development and without any impact on the character of the area. Developments should be carefully designed to mitigate against the negative impacts they could have on landscape character. A Landscape Assessment of Potential Development Areas has been carried out and have been used to inform the selection of allocated sites. An effort has been made to ensure that the choice of sites would have no eventual adverse landscape impact. Development, whether it be on allocated or windfall sites, will require to meet the provisions of NE1: Protecting and Enhancing Landscape and Features, which will help mitigate against any of the possible negative effects facing the Local Authority area. LDP2 contains a robust and effective policy framework which protects landscape features and character: NE1, NE2, NE3, NE4, NE5, NE8 and NE9 development proposals should accord with the requirements of these policies where applicable, this should mitigate against potential detrimental impacts on landscape and character. Any unavoidable detrimental landscape impacts should be mitigated through screening, sensitive sitting of buildings and the retention of landscape features such as trees and hedgerows, in accordance with policy. 	Relevant developer	
Biodiversity, Flora and Fauna	Protect areas of nature conservation value across East Ayrshire. Reduce unavoidable impacts on these priority habitats.	To monitor the impact of LDP2 on the natural heritage designations within East Ayrshire, including those of nature conservation value: Enhance biodiversity across East Ayrshire Safeguard and enhance East Ayrshire's habitats. Avoid irreversible losses of valuable sites, areas of green space and protected species/habitats within East Ayrshire.	 Monitoring: Implementation and effectiveness of LDP2 'Natural Environment' policies (NE1-NE13). Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to ecology and conservation, including: Assessment of grades of statutory and non-statutory sites; habitats; protected mammal species; other species – birds; amphibian and reptiles; other species plants, lower plants, invertebrates and excluding lepidoptera. Implementation and effectiveness of mitigation measures identified within the LDP2 HRA. Mitigation: The presence of environmentally sensitive sites has been used to inform the choice of allocated sites and the mitigation that may be applied to limit any negative effects they may have on biodiversity. Development, whether it be on allocated or windfall sites, will require to meet the provisions of Policy NE6: Vulnerable, Threatened and Protected Species and Policy NE8: Trees, Woodland, Forestry and Hedgerows, which seek to reduce any negative effects on biodiversity, flora and fauna. Developments which lead to the fragmentation of existing habitats/species will not be supported 	Relevant developer	2024-2034

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		Protect carbon rich soils, deep peat and priority peatland sites.	 A robust policy framework should ensure that important nature conservation sites in relation to biodiversity, flora and fauna are protected from development. 		
Climatic factors	Reduce carbon emissions. No increase in the risk of flooding, particularly within settlements. Protect carbon rich soils, deep peat and priority peatland sites, and safeguard sites which have undergone or are undergoing restoration works	To monitor the impact of LDP2 on air quality within East Ayrshire: Reduce climate change impacts in accordance with Scottish Government policy. Reduce carbon emissions where possible. To contribute towards the reduction GHG outputs in line with Government targets for net zero. To improve East Ayrshire's resilience to a changing climate within new developments and established areas. Remove and/or treat areas of contaminated land. Protect prime quality agricultural land from loss.	 Monitoring: Implementation and effectiveness of LDP2 Spatial Strategy, which is focused on improving our climate resilience (sustainable travel and transport; energy and climate resilience as well as sustainability and green recovery), alongside the Place and Environment, natural environment, Infrastructure and Energy, Resources and Resilience policies Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to climate, including: assessment of greenhouse emissions assessment of temperature and rainfall number and location of wind farms in East Ayrshire (including information on operational sites, consented/under construction and planning applications Mitigation: Development shall be suitably designed and constructed to contribute to greenhouse gas reduction targets and to counter balance the increase in emissions from private car use. Development shall be connected to public transport networks. It should be ensured that any proposals is as accessible as possible, directly linking to existing cycling and walking routes, including core paths and rights of way, and where possible contribute to the expansion of these networks in accordance with Policy T4. Development should be located within sustainable and appropriate locations. The LDP2 has identified where the Council would like to see development take place through our development opportunity sites. Developments should use zero carbon materials and construction methods and should embrace renewable energy methods to minimise carbon emissions, in accordance with policies RE1, RE2, RE3, CR2 and CR3. In accordance with Policy CR1: Flood Risk Management, de	Relevant developer	2024-2034
Natural Resource	s				
Soil	Ensure that geological resources and their settings within East Ayrshire are preserved and restored.	To monitor the impact of LDP2 on soil across East Ayrshire. To protect and enhance soil and land resources, such as peat and carbon rich soils, and restore degraded soils.	 Monitoring: Implementation and effectiveness of LDP2 Natural Environment Policies: NE10, NE11 and NE13. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to soils including: - assessment of superficial deposits and bedrock, in terms of soil degradation processes and degradation - location of peat and other carbon rich soils and classes associated in line with NatureScot Carbon and Peatland Map 2016 	EAC	2024-2034
		manner.	 The Plan aims to minimise the loss of soil by directing development to the most sustainable locations, with particular avoidance of Prime Quality Agricultural Land and land affected by environmental designations. The Plan contains a robust policy framework which seeks to meet soil objectives. Policy NE11: 	Relevant developer	

Air	To prevent deterioration	To better understand and	Monitoring:	EAC	2024-2034
	and where possible enhance air quality. Ensure that any mineral extraction of does lead to the increase of environmental pollutants.	monitor the impact of LDP2 on air quality	 Implementation and effectiveness of relevant applicable LDP2 policies, including transport, natural environment, communities and housing, but more specifically policies T1, T2, T3, T4, T5, INF1, RE1 and CR2. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to air including - Assessment of NO2 and PM10 - Number of AQMAs Monitoring methods could involve school travel plans, traffic levels, parking rates and numbers in our town centres, number of new houses built out, usage data for sustainable transport and length 		
			new pedestrian cycle routes and pathways.		
			 Mitigation: The policy framework and spatial arrangement of allocates sites partially mitigates itself by supporting the improvement of an integrated and sustainable walking and cycling network with better links to transport. Furthermore, the LDP2 policy framework has a wide range of elements that will help mitigate the negative effects of potential developments, including encouraging the incorporation of renewable energy technologies into development, requiring a high standard of design and requirement where applicable for developer contributions to deliver improvements to walking and cycling infrastructure and the public transport network. The Spatial Strategy supports the improvement of an integrated and sustainable walking and cycling network with better links to transport. LDP2 designated opportunity sites direct development to more sustainable locations. LDP2 seeks to ensure that developments utilise, where appropriate, zero carbon technologies in order to reduce greenhouse gas emissions and improve energy efficiency. Once developed, sites should be monitored for any increases in air pollution which would lead to national air quality standards being breached. Where infrastructure improvements may be taking place, nearby residential areas should be monitored for any increases in air pollution. Development will be required to be accessible, directly linking to existing cycle and walking routes, in accordance with Policy DES1 and T4. 	Relevant	
			Where possible, development(s) shall adopt low carbon technologies in order to reduce greenhouse gas emissions, in accordance with LDP2 policies.		
Water	LDP2 on the water	To monitor the impact of LDP2 on the water environment of East Ayrshire: To manage and reduce flood risk and safeguard the environment from deterioration and where possible enhance water quality. Reduce overall flood risk	 Implementation and effectiveness of LDP2 policies, including DES1, OS1, OS2, CR1 and NE12 Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated versions) relating to water including: location and status of surface water bodies in EA location and status of superficial groundwater bodies in EA Flood risk areas in EA and flood risk levels surface water management plans in EA Review and monitor SEPA's database on the status of waterbodies. 	EAC/ARA	2024-2034
			 Mitigation: Development, whether it be on allocated sites or windfall, will need to meet the requirements of Flood Risk Management (Scotland) Act 2009 and National Planning Framework 4. Consultation has taken place with SEPA with regard to sites proposed for allocation in LDP2 with a view to pursuing flood risk avoidance. No site that was considered undeliverable by SEPA has been allocated in the plan other than KK-M4 West Shaw Street, which lies within the South Central Kilmarnock area and will be subject to further analysis to assess its prospects for development as per PROP1. Site specific requirements to consult SEPA and ARA (Flooding) have been incorporated into Volume 2 of the Proposed Plan. Subject to these discussions, further, more detailed Flood Risk 		

			Assessments will be required on sites where they have been deemed necessary. Under the Water Environment (Controlled Activities) (Scotland) Regulations 2011, new developments are required to incorporate and implement Sustainable Urban Drainage Systems (SUDs). • All development will be required to accord with the requirements of Policy CR1: Flood Risk Management, which sets out a range of elements relating to design and SuDS, which are applicable to all developments that will help mitigate the negative effects of this policy on the SEA Objective. • Where appropriate natural surfaces should be incorporated into development proposals to increase infiltration and reduce run-off. • The introduction of flood mitigation will reduce negative impacts		
Historic Environme	ent		<u> </u>		
Listed Buildings	To monitor the impact of the LDP2 on the historic environment. All historic environmental features are protected within East Ayrshire.	To monitor the impact of the LDP2 on the historic environment: Protect the special interest and setting of listed buildings	 Monitoring: Implementation and effectiveness of LDP2 historic environment policies HE1-HE4. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to cultural heritage including: - number and location of historic environment sites in EA - Listed buildings considered at 'risk' - Trends and pressures on historic environment and impacts 	EAC	2024-2034
	within Last Ayrsille.	All historic features and their setting are protected from inappropriate development within East Ayrshire. Development shall not adversely affect the landscape of townscape. Reduced number of historic buildings registers as "at risk".	 Mitigation: Policy HE1: Listed Buildings is in place to safeguard listed buildings. Policy HE5 supports enabling development to restore listed buildings The design and layout of sites should be carefully considered and may require the input of a conservation accredited architect to ensure that any impact on the buildings themselves and their setting is minimised. Liaison with the Council's Heritage Projects team, where applicable. 	Relevant developer	
Conservation Areas	To monitor the impact of the LDP2 on the historic environment. All historic environmental features are protected within East Ayrshire.		 Monitoring: Implementation and effectiveness of LDP2 historic environment policies HE1-HE4. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to cultural heritage including: - number and location of historic environment sites in EA - Listed buildings considered at 'risk' - Trends and pressures on historic environment and impacts The completion of a conservation area appraisal is a key factor in safeguarding conservation areas. LDP2 plans to undertake a CAA for Stewarton and London Road Outstanding Conservation (Kilmarnock). These will give an up to date assessment of the character and condition of CAs. 	EAC	2024-2034
			 Mitigation: Ensure that there is a robust and effective policy framework in place to safeguard conservation areas. Policy assessment measures will be in place to ensure that the character and amenity of conservation areas are preserved, in accordance with Policy HE2. 	developer	
Scheduled Monuments	To monitor the impact of the LDP2 on the historic environment. All historic environmental features are protected within East Ayrshire.	Preserve scheduled ancient monuments and other identified nationally important archaeological resources in situ and protect the integrity of their setting	 Monitoring: Implementation and effectiveness of LDP2 historic environment policies HE1-HE4. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to cultural heritage. Utilising details of planning consents granted where schedules ancient monuments are affected. Mitigation: 	EAC	2024-2034
	-		 LDP2 contains a policy which seeks to protect scheduled monuments from inappropriate development (HE3), the implementation of which will mitigate against negative impacts. 	Relevant developer	

			 LDP2 identifies development opportunity sites which have been selected to reduce impacts on the historic environment, including scheduled monuments. Liaison with Historic Environment Scotland may be required. 		
Archaeological Sites	To monitor the impact of the LDP2 on the historic environment. All historic environmental features are protected		 Monitoring: Implementation and effectiveness of LDP2 historic environment policies HE1-HE4. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated version) relating to cultural heritage. Mitigation: 	EAC	2024-2034
	within East Ayrshire.		 LDP2 contains a policy which seeks to protect archaeological sites from inappropriate development (HE3), the implementation of which will mitigate against negative impacts. LDP2 identifies development opportunity sites which have been selected to reduce impacts on the historic environment, including archaeological sites. Where proposals may have an impact on archaeological sites/areas, then mitigation measures should be put in place in consultation with Historic Scotland and WoSAS. Where there is uncertainty, consultation with WoSAS is recommended to ensure there are no 	Relevant developer	
			extant archaeological assets on site.		
Gardens and Designed Landscapes	To monitor the impact of the LDP2 on the historic environment. All historic environmental features are protected within East Ayrshire.	Protect the character and setting of sites identified in the Inventory and non-inventory Gardens and Designed Landscapes in Scotland. Protect the historical significant and integrity of the GDL. Where possible enhance the condition of GDLs.	 Monitoring: Implementation and effectiveness of LDP2 historic environment policies HE1-HE5. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated versions) relating to cultural heritage. During the preparation of LDP2, the Council commissioned a review of all inventory and non-inventory Gardens and Designed Landscapes. This will provide an up to data picture of the condition of these landscape, alongside pressures. This will help the Council monitor impacts of any subsequent development proposals. Utilising details of planning consents granted where sites on the inventory gardens and designed landscapes are affected – this will help to identify if negative impacts have been experienced and if the integrity of this area has been preserved. Liaison with Historic Environment Scotland may be required. Mitigation:	EAC	2024-2034
			 LDP2 contain a robust policy which details the requirements for proposals which are likely to affect gardens and designed landscapes (HE4). The LDP2 also contains a specific policy relating to Loudoun Castle Estate (TOUR6) setting out clear expectations which will reduce negative impacts on the GDL while facilitating sensitive and considerate development of the site. 	Relevant developer	
Historic Battlefields	To monitor the impact of the LDP2 on the historic environment. All historic environmental features are protected within East Ayrshire.	Preserve the integrity of sites listed on the inventory of Historic Battlefields	 Monitoring: Implementation and effectiveness of LDP2 historic environment policies HE1-HE4. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated versions) relating to cultural heritage. Utilising details of planning consents granted where sites on the inventory historic battlefields are affected – this will help to identify if negative impacts have been experienced and if the integrity of this area has been preserved. Liaison with Historic Environment Scotland may be required. 	EAC	2024-2034
			 Mitigation: LDP2 contains a policy which seeks to protect historic battlefields from inappropriate development (HE3), the implementation of which will mitigate against negative impacts. 	Relevant developer	

Social Environmen	nt				
Health and population	To monitor the impact of the LDP2 on human health and local communities	Ensure that developments are sustainably located and that development takes place where it can be accommodated. Removal and treatment of contaminated land Redevelopment of vacant and derelict land Reduce waste through maximising the reuse, recycling and recovery of resources	 Monitoring: Implementation and effectiveness of LDP2 policies, including but not limited to: SS1, SS2, SS3, DES1, OS1, OS2, PLAY1, RES1, RH1-RH3, T1-T5. Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated versions) relating to human health, including - life expectancy in EA - causes of death and death rates in EA - chronic disease rates and trends in EA - environment/neighbourhood quality - percentage of populations in EA living within 500m of a derelict site Utilise the latest population and household projects Mitigation: The principles of good and sustainable design are embedded within the LDP2 policies. Ensure any significant negative impacts in areas subject to all extractive mineral operations are minimised in terms of landscape, noise, light, biodiversity and on human experience. Sites should integrate with existing active travel and public transport networks to encourage and support accessibility and sustainability. The removal and treatment of contaminated land, in accordance with policy NE13 will mitigate 	Relevant developer	2024-2034
Material Assets (infrastructure, amenity and	To monitor the impact of the LDP2 on	No loss of protected open space, playing fields, recreational open spaces and play provision	 against negative impacts on human health Policy NE12 is concerned with limiting and protecting from water, air, light and noise pollution, mitigating against negative impacts of developments and proposals on human health. Redevelopment of brownfield and vacant and derelict land is likely to mitigate against negative impacts on human health. LDP2 contains an effective Zero Waste policy framework which seeks to reduce waste while maximising reuse, recycling and recovery (WM1-WM4). Monitoring: Implementation and effectiveness of LDP2 policies, including but not limited to DES1, OS1, OS2, PLAY1, PLAY2, CR1, HE1-HE4, T1 and T5. 	EAC	2024-2034
recreational open areas)	material assets, such as safeguarded open space, paths, cycle routes etc.	Improve the design quality of the built environment Increase the quality, quantity and connectivity of multi-functional green and blue infrastructure Enable improved connectivity of public	 Monitoring of information contained within the East Ayrshire State of Environment Report 2019 (or any subsequent updated versions) relating to material assets including: existing transport infrastructure in EA accessibility in EA, in terms of core paths and rights of way: amount of routes and locations amount and distribution of open space in EA employment and employment sector information in EA Utilise Scottish transport statistics. 		
		Ensure that there is no loss of protected open space, playing fields, and other important recreational open spaces within East Ayrshire. Developments should use low carbon materials and construction methods and should embrace renewable energy methods to minimise carbon emissions.	 Mitigation: LDP2 contains a policy framework which protects material assets and seeks to expand provision, the implementation of which will mitigate against negative impacts. The plan protects against the destruction or loss of care paths and rights of way, promoting increased connectivity Ongoing transport infrastructure considerations (i.e. Bellfield Interchange) should in theory reduce congestion and infrastructure capacity constraints. Any new residential developments should be connected and integrated into the existing public transport network, to ensure that sustainable transport is integrated into the new development. Green infrastructure should be increased and improved. 	Relevant developer	

10. Next Steps

- 10.1. Following the adoption of Local Development Plan 2 and publication of this associated Environmental Report, the Council will need to publish a Post-Adoption SEA Statement which will be submitted to the SEA Gateway.
- 10.2. Following the adoption of the Local Development Plan 2, the Council will be responsible for implementing the contents of the LDP2 and monitoring its potential impacts.

Use of Acronyms

This lists the acronyms used within this document:

- CARS → Conservation Area Regeneration Scheme
- EAC → East Ayrshire Council
- EALDP → East Ayrshire Local Development Plan (Adopted 2017)
- EIA → Environmental Impact Assessment
- GIS → Geographic information system
- HES → Historic Environment Scotland
- HRA → Habitat Regulations Appraisal
- IER → Interim Environmental Report
- LDP2 → Local Development Plan 2
- MIR → Main Issues Report
- NPF3 → National Planning Framework 3
- PIP → Priorities, Issues and Proposals
- PPS → Plans, Programmes and Strategies
- SPP → Scottish Planning Policy
- SEA → Strategic Environmental Assessment
- SEPA → Scottish Environmental Protection Agency
- WoSAS → West of Scotland Archaeological Service

