

Interim Environmental Report

Appendix 3:

SEA Objectives and Sub-Criteria/Questions

Environmental Topics	Environmental Receptor	SEA Objectives	Sub-Criteria/Questions
Natural Features	Landscape	<p>The Plan should protect, improve and enhance landscape character, the setting of settlements and landscape features.</p>	<p>Will the item have an impact on the landscape character of the rural areas, settlements and landscape features?</p>
		<p>The Plan should protect and preserve the integrity and character of all internationally, nationally and locally designated sites within or adjacent to the EAC boundary.</p>	<p>Will the Plan/policy/proposal result in the further loss of areas of upland bogs or lowland raised bogs?</p>
		<p>The Plan should protect natural assets such as ancient and semi-natural woodland.</p>	<p>Will the Plan have an impact on designated sites within or adjacent to the Council boundary?</p>
		<p>The Plan should ensure that all opencast coal sites provide adequate mitigation for any loss of habitat during the lifetime of the operation.</p>	<p>Will the Plan direct development to brownfield land and safeguard greenfield from inappropriate development?</p>
		<p>The Plan should ensure that a long-term supply for mineral extraction and fossil fuel resources are not depleted and that a long-term supply is maintained and managed.</p>	<p>Does the Plan/policy/proposal result in the loss of important geological resources?</p>
		<p>The Plan should ensure that all minerals sites are effectively and progressively restored to high standard once mining activities have ceased and that there is a programme of aftercare.</p>	<p>Does the vision/policy/proposal result in the loss of ancient and semi-natural woodland or impact on its setting?</p> <p>Do renewable energy developments respect the landscape character of the area?</p> <p>Does the Plan ensure that a high standard of restoration will be achieved and that there is an programme of aftercare?</p>

			<p>Will renewable energy developments have any detrimental impacts on the landscape character of the area?</p> <p>Does the Plan protect LNCS and other important environmental allocations?</p> <p>Does the Plan protect greenbelt areas in East Ayrshire?</p>
	<p>Biodiversity, Flora and Fauna</p>	<p>The Plan should ensure that the integrity of all internationally designated sites within or adjacent to the EAC boundary are protected and preserved.</p> <p>The Plan should protect and enhance all internationally, European, nationally and locally designated sites, habitats and priority specific from adverse impacts, loss and fragmentation.</p> <p>The Plan should protect biodiversity in line with the Ayrshire Local Biodiversity Action Plan and, where possible, enhanced.</p> <p>LDP2 should ensure that all opencast coal sites provide adequate mitigation for any loss of habitat during the operation lifetime of the site</p> <p>LDP2 should promote and contribute to the Scottish Governments aspirations for the Central Scotland Green Network.</p>	<p>Will the Plan have an impact on internationally designated sites within or adjacent to East Ayrshire? If so, is this being addressed through a Habitats Regulations Appraisal?</p> <p>Will the Plan/proposal have any impacts on or result in fragmentation of and internationally, nationally and locally designated sites, habitats and priority species within or adjacent to the Councils boundary? (I.e. site extents, species, setting or management of the resource)</p> <p>Can it be determined that the Plan/proposal/policy is not likely to have a significant effect on the SPA or SAC?</p> <p>Will the Plan/allocation be likely to improve, stabilise or exacerbate the loss or fragmentation of important habitats and species within the area?</p> <p>Will the allocation/proposal directly or indirectly impact on important biodiversity sites, habitats and priority</p>

		<p>LDP2 should safeguard and enhance trees, woodland and hedges including ancient and semi-natural woodland, and trees with Tree Preservation Orders (TPOs).</p>	<p>species, including those contained within the Ayrshire Local Biodiversity Plan.</p> <p>Will the allocation/proposal directly or indirectly impact on individual trees, woodland and TPOs?</p> <p>Will the Plan/proposal provide mitigation for any loss of habitats during its operational life?</p> <p>Will the Plan/proposal contribute to the establishment of the Central Scotland Green Network or lead to its enhancement?</p> <p>Will the Plan safeguard important habitat features such as hedgerows and woodland from loss and/or fragmentation?</p>
	<p>Climate factors</p>	<p>The Plan should, where possible, contribute to the Scottish Government's greenhouse gas emission reduction targets of 80% by 2050 and the interim target of 42% by 2020.</p> <p>The Plan should promote renewable energy development, energy efficiency within new developments and increased use of public transport.</p> <p>The Plan should promote the provision of green infrastructure. It should ensure that all new development provides Sustainable Urban Drainage Systems (SUDS) to help reduce floor risk within the area and protect water quality.</p>	<p>Will the vision/issue/site contribute to meeting the national climate change targets through the encouragement of sustainable design and construction methods?</p> <p>Will the vision/issue/site make positive contributions towards renewable energy targets?</p> <p>Will the vision/issue/site lead to development being located closer to existing facilities in order to reduce the need to travel?</p> <p>Does the vision/issues/option/site encourage and actively promote the use of SUDS in order to mitigate against future flood risks and contribute towards futureproofing new developments?</p>

		<p>The Plan should ensure that development is avoided in flood risk areas and protect existing areas/sites, which are at risk from flooding.</p> <p>The Plan should ensure that new developments do not cause or exacerbate existing flooding issues upstream or downstream of the development site.</p> <p>The Plan should ensure that all new developments provide Sustainable Urban Drainage Systems (SUDS) to help reduce flood risk within the area and protect water quality.</p> <p>The Plan should identify and promote habitat networks which would facilitate species dispersal</p> <p>The Plan should seek to protect trees, soil and peat soils and where possible seek to enhance these and also contribute to the Scottish Governments targets on re-forestation without comprising other carbon sinks such as peat soils</p> <p>The Plan should promote and encourage increased recycling of waste reduction targets as set out by the Scottish Government.</p> <p>The Plan should contribute to the Scottish Governments aspirations for the Central</p>	<p>Does the Plan encourage new developments to be located near existing public transport routes or integrate public transport routes within the development?</p> <p>Does the Plan avoid areas that are at risk of flooding, for example, through sensitively locating the development away from the flood risk?</p> <p>Is the Plan/proposal likely to lead to flooding of other areas?</p> <p>Will the Plan/proposal help to alleviate flood risk?</p> <p>Does the Plan/site identify habitat networks and promote them in relation the dispersal of species?</p> <p>Will the Plan/site have adverse impacts on areas of raised bog, blanket bog, other organic soils or woodland/groups of trees?</p> <p>Will the Plan/site contribute to the establishment of the Central Scotland Green Network and help to reduce the effects of climate change within East Ayrshire?</p> <p>Will the Plan have an impact on trees and carbon rich soils or peat?</p> <p>Will the Plan encourage recycling and help to reduce the amount of waste going to landfill?</p>
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		Scotland Green Network in relation to combating the effects of climate change.	
<p>Natural Resources</p>	<p>Geology and Soils</p>	<p>The Plan should protect soil quality.</p> <p>The Plan should seek to protect peat and carbon rich soils from development.</p> <p>The Plan should protect and enhance peat and carbon rich soils.</p> <p>The Plan should ensure that mineral supply is not depleted in the short term and ensure that there is a supply to serve the market demand.</p> <p>The Plan should ensure the appropriate restoration and reuse of unrestored land.</p> <p>The Plan should seek to promote redevelopment of brownfield sites within settlements, vacant and derelict land, the LDP2 should promote the remediation of contaminated land.</p> <p>The Plan should seek to protect greenfield sites from development and direct development to vacant/derelict brownfield.</p> <p>The Plan should meet and contribute towards the Scottish Governments “Rationale for Woodland Expansion (2009)”</p>	<p>Will the Plan/proposal have a positive or detrimental impact on soil quality?</p> <p>Will the Plan/proposal lead to the loss of prime agricultural land?</p> <p>Does the Plan utilise or encourage the reuse of vacant or derelict land?</p> <p>Will site allocations and promoted uses have a positive or detrimental impact on or lead to the loss raised bog, blanket bog or organic soils?</p> <p>Will the Plan/vision/strategy/policy/proposal have positive or detrimental impacts on peat or carbon-rich soils?</p> <p>Will the site/proposal have a detrimental and polluting impact on soil quality?</p> <p>Will the visions/site result in soil erosion?</p> <p>Will the site/proposal likely result in land becoming contaminated or degraded?</p> <p>Does the Plan/site utilise or encourage the use of vacant/derelict/brownfield land?</p>

		<p>The Plan should safeguard areas of Prime Agricultural Land and designated geological sites.</p>	<p>Will the Plan/proposal make a significant contribution to the removal, rehabilitation and/or re-use of vacant, derelict, contaminated or other degraded land?</p> <p>Does the Plan ensure that there is a sustainable minerals supply?</p> <p>Does the Plan ensure the appropriate restoration and reuse of unrestored land?</p>
	<p>Air</p>	<p>LDP2 should ensure that new development, including new minerals development, minimises emissions into the atmosphere and the impacts on air quality.</p> <p>LDP2 should promote the use of sustainable modes of transportation and encourage active travel.</p> <p>New development should not lead to detrimental increases in air pollution.</p>	<p>Is the Plan/proposal likely to maintain or improve air quality within East Ayrshire</p> <p>Will the Plan/proposal lead to National Air Quality standards being exceeded? If so, is this likely to have an impact on the air quality of adjoining areas?</p> <p>Does the Plan encourage or promote multiple modes of transportation within developments or does it encourage developments to be located and linked into existing public transport, walking and cycling routes?</p> <p>Does the Plan encourage the provision of zero carbon new developments?</p>
	<p>Water (including surface water, groundwater and GWDTE)</p>	<p>In line with the Water Framework Directive, the LDP2 should protect and improve the state of the water environment (including groundwater) to good chemical and ecological status.</p> <p>LDP2 should maintain or enhance the ecological status of the water environment.</p>	<p>Is the Plan likely to enhance or negatively impact on water quality?</p> <p>The Plan/proposal should reduce levels of water pollution and improve the physical state of the water environment.</p>

		<p>LDP2 should safeguard the water environment by ensuring that minerals restoration plans do not increase water pollution or affect GWDTE.</p> <p>New developments should not lead to detrimental increases in water pollution.</p> <p>New developments should include and incorporate mitigation against potential flood risk.</p>	<p>Will the proposal lead to developments that result in the degradation of water bodies?</p> <p>Does the Plan ensure that the ecological of the water environment is maintain or enhanced? This should seek to ensure that water bodies obtain good ecological status in accordance with the Water Framework Directive.</p> <p>Does the Plan ensure that restoration plans will reduce water pollution and where applicable, improve GWDTE?</p> <p>Does the Plan ensure that all new infrastructures are designed in such a way hat it reduced flood risk though the provision of Sustainable Urban Drainage Systems (SUDS).</p>
<p>Cultural Heritage</p>	<p>Listed buildings</p>	<p>The Plan should protect the historic environment and its setting. This should be safeguarded from inappropriate development and alterations.</p> <p>The Plan should reflect an understanding of the breadth and cultural significance of the historic environment within East Ayrshire.</p> <p>All new development should provide the highest possible standards of design when located within or adjacent to the historic environment.</p>	<p>Will the Plan protect listed buildings?</p> <p>Will the Plan/proposal protect the character of buildings with historic character or buildings within designated sites which are not listed?</p> <p>Does the Plan/vision/proposal provide an opportunity to promote and increase our understanding of the historic environment?</p> <p>Does the Plan actively promote the positive re-use of historic buildings? In so doing does the Plan highlight that role that the historic environment plays in contributing too good placemaking and sustainability?</p>

		<p>The Plan should seek to ensure that the benefits of listed buildings and the historic environment are secured for the enjoyment of present and future generations.</p> <p>The Plan should promote the redevelopment and reuse of Listed Buildings in an appropriate and sustainable manner, where possible.</p>	<p>Does the Plan actively promote good placemaking by promoting the historic environment?</p> <p>Does the Plan promote the reuse and redevelopment of historic buildings in a sustainable manner?</p> <p>Does the Plan ensure that where detrimental impacts on the historic environment (both designated and non-designated assets) are unavoidable, that the appropriate steps are required in order to demonstrate that alternatives have been explored and mitigation measures should be put in place.</p> <p>Will the Plan result in inappropriate development or alterations that will impact upon any listed building or conservation areas located within or adjacent to the EAC boundary.</p> <p>Safeguard all cultural heritage features and their setting through responsible design and positioning of the development.</p>
	<p>Conservation Areas</p>	<p>The Plan should seek to protect the historic environment and its setting from inappropriate development or alterations, retaining amenity.</p> <p>The Plan should seek to ensure that decisions affecting the historic environment should contribute towards sustainable development of communities and places.</p>	<p>Will the Plan result in inappropriate development or alterations that will impact upon any listed building or conservation areas located within or adjacent to the EAC boundary.</p> <p>Does the Plan/policy/proposal maximise and encourage opportunities for improvement of the historic environment?</p>

	Scheduled monuments	The Plan should protect historic scheduled ancient monuments.	Does the Plan have the potential to negatively impact on unscheduled archaeology and archaeological sites within the Sites and Monuments Record?
	Archaeological sites	<p>The Plan should seek to protect archaeological resources.</p> <p>The Plan should seek to protect any historically significant minerals deep mines, pits and bings from previous mineral extraction.</p>	<p>Will the Plan protect archaeological resources within the area?</p> <p>Will the Plan have any impact on any historically significant deep mines, bings or pits?</p>
	Gardens and Designed Landscapes	The Plan should protect designed landscapes from inappropriate development and mineral extraction activity.	Will the Plan result in inappropriate development that will directly or indirectly impact upon any designated landscapes or historic battlefields?
	Historic Battlefields	The Plan should protect historic battlefields from inappropriate development and mineral extraction activity.	Will the Plan result in inappropriate development that will directly or indirectly impact upon historic battlefields?
Population and Human Health	Health	<p>The Plan should ensure that public transport connections, cycling and walking routes are easily accessible from all new development and improve access to existing developments if necessary.</p> <p>The MIR/LDP2 should safeguard and enhance access to good quality open space ensuring a good quality of life for residents.</p> <p>The MIR should influence new development so that impacts on air, water and noise pollution are minimised for residents in East Ayrshire</p>	<p>Will the Plan encourage new developments to provide walking and cycling networks and interlink these with existing networks?</p> <p>Will the Plan/proposal exacerbate or improve air, water or noise pollution in the area?</p> <p>Does the Plan/proposal encourage the provision of new recreational facilities within new developments?</p> <p>Does the Plan encourage developments to be better located near health, social and recreational facilities?</p> <p>Will the Plan/proposal improve the environment of the area?</p>

		<p>The MIR should contribute to the enhancement and protection of human health through the promotion of new recreational developments</p> <p>The MIR should maintain and improve recreational facilities and promote sustainable modes of access to health, social and recreational facilities</p> <p>The MIR should help to improve the environment and quality of life for residents.</p> <p>New development should not lead to detrimental increases in air, water, noise pollution and ambient light illumination.</p> <p>The MIR should contribute to the Scottish Governments aspirations for the Central Scotland Green Network in relation to encouraging greater recreational activity within the network and the corresponding benefits that this can have on human health.</p>	<p>Will the Plan/proposal increase the amount of noise and light pollution in existing settlements from new development?</p> <p>Will the Plan/proposal increase the amount of noise and light pollution in existing settlements from new development</p> <p>Will the vision/issue/site provide additional recreational opportunities within the CSGN?</p>
	<p>Population</p>	<p>Substantial developments should be located in close proximity to transport “hubs” and have access to public transportation.</p> <p>The MIR/PLDP2 should contribute to the social and economic regeneration of deprived areas within settlements.</p>	<p>Will the Plan encourage employment opportunities within town centres? Outwith town centres? Rural settlements that currently experience limited opportunities?</p> <p>Does the Plan encourage new developments to be located near existing public transport routes or integrate public transport routes into the development?</p>

			Developments should be within walkable distance of basic amenities and public transportation routes?
	Material Assets	<p>The Plan should ensure that all substantial developments should be located in close proximity to transport “hubs” and have access to public transportation.</p> <p>The Plan should protect and where possible enhance public open space.</p> <p>The Plan should protect “Core Paths” and other important routes (e.g. Rights of Way)</p> <p>The Plan should encourage the creation of the CSGN in relation to providing additional natural resources and open spaces with East Ayrshire.</p>	<p>Does the plan encourage new developments to be located near existing public transport routes or integrate public transport routes within the development?</p> <p>Does the Plan encourage the improvement and protection of public open space?</p> <p>Will the Plan lead to additional public open spaces being provided? (i.e. the provisions of new sports pitches)</p> <p>Will the Plan protect and encourage the use of Core Paths, Rights of Way, footpaths and cycle tracks?</p> <p>Does the Plan contribute to the aspirations of CSGN?</p> <p>Does the Plan contribute to the boundaries of CSGN?</p>