

Appendix D SEA Framework

Table A.1: RTS SEA Framework (Updated)

SEA Objectives	Guide Questions – <i>Will the RTS...</i>	Criteria to Assess Candidate Transport Interventions and Schemes
<p>1. Health: Improve the health of the resident and workplace population, including with respect to physical and mental health and social wellbeing.</p>	<ul style="list-style-type: none"> ▪ Facilitate and encourage use of public transport and active travel? ▪ Improve accessibility to public open spaces, sports facilities, path networks? ▪ Reduce the negative impacts of transport on human health, especially in terms of pollution and air quality? ▪ Reduce the likelihood of transport-related road accidents and casualties? ▪ Improve access to healthcare facilities? ▪ Safeguard sensitive environmental receptors to maintain and enhance human health? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on access to healthcare facilities. ▪ Proximity to and impacts on active travel networks. ▪ Proximity to and impacts on open space provision and accessibility.
<p>2. Accessibility: Reduce the need to travel and ensure appropriate and affordable access for all to facilities, services, economic opportunities and social activities.</p>	<ul style="list-style-type: none"> ▪ Reduce the need to travel? ▪ Increase the accessibility of public services, economic opportunities and markets? ▪ Improve the accessibility and integration of the transport network? ▪ Improve the accessibility of education infrastructure, in particular by active travel and public transport? ▪ Enhance access to active travel routes? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on the public transport network. ▪ Proximity to the strategic road network (motorways and trunk roads). ▪ Proximity to and impacts on identified congestion pinch points. ▪ Proximity to and impacts on the accessibility of community

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	<ul style="list-style-type: none"> ▪ Reduce congestion and allow for greater journey time reliability? ▪ Help reduce severance effects of the transport network? ▪ Address changing transport needs resulting from population growth and ageing? 	<p>facilities, public services and key amenities.</p> <ul style="list-style-type: none"> ▪ Proximity to and impacts on the accessibility of education infrastructure.
<p>3. Material Assets: Manage, maintain and where possible improve the efficient and effective use of natural resources, land and infrastructure to meet identified needs.</p>	<ul style="list-style-type: none"> ▪ Support the delivery of existing and emerging spatial strategies within national policy and applicable Development Plans? ▪ Improve the integration of land use and transport? ▪ Unlock the delivery of housing to meet identified needs? ▪ Facilitate the re-development of previously developed land? ▪ Support the provision of adequate infrastructure, services and facilities to meet identified needs? ▪ Enhance the resilience of infrastructure to adverse weather and the effects of climate change? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on the delivery of key housing sites ▪ Proximity to and impacts on the re-development of previously developed land ▪ Impacts on natural resources, including the extraction of mineral resources
<p>4. Productivity, Competitiveness and Innovation: Deliver an integrated and efficient transport system to increase economic prosperity, support the growth of key economic sectors and deliver increased and more inclusive employment.</p>	<ul style="list-style-type: none"> ▪ Support the sustainable management of infrastructure assets? ▪ Promote the co-location of synergistic economic activities, industries and land uses? ▪ Support the efficient movement of freight? 	<ul style="list-style-type: none"> ▪ Economic development and employment benefits unlocked by the intervention or scheme. ▪ Impacts on transport efficiency ▪ Impacts on the movement of freight

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	<ul style="list-style-type: none"> ▪ Improve physical access to employment for all? ▪ Support increased and diversified employment opportunities? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on existing and planned key employment locations.
<p>5. Air Quality and Amenity: Tackle poor air quality, reduce concentrations of harmful atmospheric pollutants and minimise exposure to noise and vibration.</p>	<ul style="list-style-type: none"> ▪ Maintain or enhance air quality? ▪ Reduce exposure to poor air quality? ▪ Support the implementation of existing Air Quality Action Plans (AQAPs)? ▪ Decrease noise and vibration levels at sensitive locations? ▪ Prevent and reduce emissions of harmful pollutants? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on existing Air Quality Management Areas (AQMA). ▪ Likely impacts on the implementation of existing AQAPs. ▪ Proximity to congestion pinch points. ▪ Likely operational emissions.
<p>6. Climate Change Mitigation: Decarbonise the transport sector and support wider efforts to mitigate climate change.</p>	<ul style="list-style-type: none"> ▪ Support a sustainable pattern of development which minimises energy consumption and GHG emissions? ▪ Reduce reliance on car travel? ▪ Contribute to or challenge the decarbonisation of the transport sector? ▪ Promote modal shift towards sustainable and active travel? ▪ Promote the use of clean fuels and technologies? 	<ul style="list-style-type: none"> ▪ Impacts on climate change mitigation: modal shifts and GHG emissions or saving (construction and operational phases)
<p>7. Biodiversity, Geodiversity and Soil: Conserve, protect and enhance biodiversity and geodiversity interests, including through safeguarding important sites, species, soil resources and habitats and by protecting green infrastructure.</p>	<ul style="list-style-type: none"> ▪ Ensure appropriate safeguards for the integrity and conservation objectives of sites designated at international, national or local levels for reasons of biodiversity or geodiversity value or species protection? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on sites designated at international, national and local levels for reasons of biodiversity conservation, ecological importance or geological importance.

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	<ul style="list-style-type: none"> ▪ Support the protection and enhancement of valued species and habitats? ▪ Support safeguarding against habitat loss or fragmentation? ▪ Support the protection and enhancement of protected trees and important woodland areas? ▪ Improve access to nature? ▪ Protect and enhance important soil resources? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on designated woodlands, important trees or hedgerows and other valued habitats. ▪ Potential impacts on protected species.
<p>8. Water, Flood Risk and Resilience: Conserve, protect and enhance water environments, water quality and water resources, whilst adapting to climate change and reducing flood risks.</p>	<ul style="list-style-type: none"> ▪ Support improvement in the quality of waterbodies in accordance with the Water Framework Directive? ▪ Maintain or enhance the ecological and chemical status of the water environment in accordance with the Water Framework Directive? ▪ Affect the volume of surface water runoff into or abstraction from water bodies? ▪ Minimise the risk of flooding to people, property, infrastructure and environmental assets? ▪ Manage residual flood risks appropriately and avoid new flood risks? ▪ Seek to minimise new development in areas prone to flood risk or mitigate the potential for such risk? 	<ul style="list-style-type: none"> ▪ Proximity to Flood Risk Zones. ▪ Proximity to and impacts on the WFD status of waterbodies and aquifers. ▪ Measures to enhance resilience to adverse weather and adapt to the effects of climate change

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	<ul style="list-style-type: none"> ▪ Promote the resilience of the transport system to the effects of climate change and adverse weather? 	
<p>9. Cultural Heritage: Conserve, protect and enhance the historic environment and cultural assets.</p>	<ul style="list-style-type: none"> ▪ Conserve, protect and enhance (as appropriate) the integrity, character and setting of heritage assets (designated and undesignated)? ▪ Preserve important archaeological sites and protect potential unknown archaeological resources? 	<ul style="list-style-type: none"> ▪ Proximity to and potential effects on heritage assets, important archaeological sites and their settings.
<p>10. Landscape: Protect and enhance the landscape character, townscape character and visual amenity.</p>	<ul style="list-style-type: none"> ▪ Protect and enhance landscape character? ▪ Safeguard important landscape and townscape features? ▪ Protect visual amenity and valued views? ▪ Prevent urban sprawl? ▪ Maintain and enhance the attractiveness of the public realm? 	<ul style="list-style-type: none"> ▪ Proximity to and impacts on designated landscapes. ▪ Impacts on visual amenity and key views. ▪ Impacts on settlement integration or coalescence.