



Environmental Impact Assessment [version 1.0]

Proposal title: City Region Sustainable Transport Settlement – Maintenance and Integrated Transport Block Allocation 2024-25		
Project stage and type: <input type="checkbox"/> Initial Idea Mandate <input type="checkbox"/> Outline Business Case <input type="checkbox"/> Full Business Case		
<input type="checkbox"/> Policy <input type="checkbox"/> Strategy <input type="checkbox"/> Function <input type="checkbox"/> Service	<input type="checkbox"/> New	<input type="checkbox"/> Changing
<input type="checkbox"/> Other [please state]	<input type="checkbox"/> Already exists / review	
Directorate: Growth and Regeneration	Lead Officer name: Adam Crowther	
Service Area: Transport	Lead Officer role: Head of city transport	

Step 1: What do we want to do?

The purpose of this Environmental Impact Assessment is to help you develop your proposal in a way that is compliant with the council’s policies and supports the council’s strategic objectives under the [One City Climate Strategy](#), the [One City Ecological Emergency Strategy](#) and the latest [Corporate Strategy](#).

This assessment should be started at the beginning of the project proposal process by someone with a good knowledge of the project, the service area that will deliver it, and sufficient influence over the proposal to make changes as needed.

It is good practice to take a team approach to completing the Environmental Impact Assessment. See further [guidance](#) on completing this document. Please email environmental.performance@bristol.gov.uk early for advice and feedback.

1.1 What are the aims and objectives/purpose of this proposal?

Briefly explain the purpose of the proposal and why it is needed. Please use plain English, avoiding jargon and acronyms.

<p>Cabinet date: 05 March 2024. Seeking approval to accept funding from WECA to deliver transport infrastructure and highways maintenance projects during financial year 2024-25.</p> <p>Previous approval in principle given in CRSTS cabinet approval dated 5th April 2022.</p> <p>This includes highways, structures and lighting maintenance, traffic signals and urban traffic management system replacement, public rights of way improvements, school streets projects, casualty reduction schemes, and local Area Committee-led transport improvements. Full details are included in Appendix A1.</p>
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1.2 Will the proposal have an environmental impact?

Could the proposal have either a positive or negative effects for the environment now or in the future? If ‘No’ explain why you are sure there will be no environmental impact, then skip steps 2-3 and request review by sending this form to environmental.performance@bristol.gov.uk

If ‘Yes’ complete the rest of this assessment.

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	[please select]
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<p>The environmental impacts of this proposal are on structures and highways maintenance schemes in usage of non-renewable materials (e.g. concrete and asphalt) and climate changing gas emission. These are statutory duties to complete, however, so can only be mitigated not fully prevented. Furthermore, if assets are not maintained, unplanned reactive repair work may be required which could have more significant negative impacts.</p> <p>The proposals include the following measures to mitigate the impacts: lifetime plans for asset maintenance to reduce need for reconstruction; long-term council objectives to reduce car usage (and hence need for maintenance); and scheme level assessments of wildlife and habitat impact during delivery. Further assessment is</p>

not possible at a programme level and will be carried out on a scheme-by-scheme basis.

The net effects of the proposals are a minor-ve impact in the short term with an expected +ve impact in the long term, with projects aimed at reducing the long-term carbon costs of reactive maintenance or repairs.

1.3 If the proposal is part of an options appraisal, has the environmental impact of each option been assessed and included in the recommendation-making process?

If 'Yes' please ensure that the details of the environmental impacts of each option are made clear in the pros and cons section of the [project management options appraisal document](#).

<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable	[please select]
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If 'No' explain why environmental impacts have not been considered as part of the options appraisal process.

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Step 2: What kinds of environmental impacts might the project have?

Analysis of impacts must be rigorous. Please demonstrate your analysis of any impacts of the proposal in this section, referring to evidence you have gathered. See detailed [guidance documents](#) for advice on identifying potential impacts.

Does the proposal create any benefits for the environment, or have any adverse impacts?

Outline any potential benefits of the proposal and how they can be maximised. Identify how the proposal will support our corporate environmental objectives and the wider [One City Climate and Ecological Emergency strategies](#).

Consider how the proposal creates environmental impacts in the following categories, both now and in the future. **Reasonable efforts should be made to quantify stated benefit or adverse impacts wherever possible.**

Where the proposal is likely to have a beneficial impact, consider what actions would enhance those impacts. Where the proposal is likely to have a harmful impact, consider whether actions would mitigate these impacts.

Enhancements or mitigation actions are only required when there is a likely impact identified. Remember that where enhancements or mitigation actions are listed, they should be assigned to staff and appropriately resourced.

GENERAL COMMENTS (highlight any potential issues that might impact all or many categories)		
ENV1 Carbon neutral: Emissions of climate changing gases BCC has committed to achieving net zero emissions for its direct activities by 2025, and to support the city	Benefits	If assets are not maintained their condition will worsen and this could lead to safety and congestion (and hence air quality) issues. Funding allocated for infrastructure improvements to encourage active travel, reduction in car journeys will reduce air pollution.

<p>in achieving net zero by 2030.</p> <p>Will the proposal involve transport, or the use of energy in buildings? Will the proposal involve the purchase of goods or services? If the answer is yes to either of these questions, there will be a carbon impact.</p> <p>Consider the scale and timeframe of the impact, particularly if the proposal will lead to ongoing emissions beyond the 2025 and 2030 target dates.</p> <p>Further guidance</p> <p><input type="checkbox"/> No impact</p>	<p>Enhancing actions</p>	
	<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>	
	<p>Adverse impacts</p>	<p>The delivery of maintenance schemes will release climate changing gas including Pollution from contractors travelling to site to complete works.</p>
	<p>Mitigating actions</p>	<p>The council’s maintenance team have completed an assessment of direct and indirect CO² from works and are working with contractors to ensure that materials used are as low carbon as possible, including consideration to be made for materials to have recycled content. Aim to procure local contractors to reduce travel distance where possible.</p>
<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>		
<p>ENV2 Ecological recovery: Wildlife and habitats</p> <p>BCC has committed to 30% of its land being managed for nature and to halve its use of pesticides by 2030.</p> <p>Consider how your proposal can support increased space for nature, reduced use of pesticides, reduce pollution to waterways, and reduce consumption of products that undermine ecosystems around the world.</p> <p>If your proposal will directly lead to a reduction in habitat within Bristol, then consider how your proposed mitigation can lead to a biodiversity net gain. Be sure to refer to quantifiable changes wherever possible.</p> <p>Further guidance</p> <p><input type="checkbox"/> No impact</p>	<p>Benefits</p>	
	<p>Enhancing actions</p>	
	<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>	
	<p>Adverse impacts</p>	<p>Any infrastructure works have the potential to disrupt local wildlife, specifics aren’t known at this time at a programme level – individual projects and schemes will undertake the necessary investigations.</p>
	<p>Mitigating actions</p>	<p>Assessment of local wildlife will take place on a scheme-by-scheme basis and timing of works arranged to minimise disruption.</p>
<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>		

<p>ENV3 A cleaner, low-waste city: Consumption of resources and generation of waste</p> <p>Consider what resources will be used as a result of the proposal, how they can be minimised or swapped for less impactful ones, where they will be sourced from, and what will happen to any waste generated</p> <p>Further guidance</p> <p><input type="checkbox"/> No impact</p>	Benefits	If assets are not maintained, unplanned reactive repairs work may be required which could have more significant negative impacts.
	Enhancing actions	
	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years	
	Adverse impacts	Waste will be generated through repairs/ construction process.
	Mitigating actions	Contractors to create a waste management plan and follow waste hierarchy.
Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years		
<p>ENV4 Climate resilience: Bristol’s resilience to the effects of climate change</p> <p>Bristol’s climate is already changing, and increasingly frequent instances of extreme weather will become more likely over time.</p> <p>Consider how the proposal will perform during periods of extreme weather (particularly heat and flooding).</p> <p>Consider if the proposal will reduce or increase risk to people and assets during extreme weather events.</p> <p>Further guidance</p> <p><input type="checkbox"/> No impact</p>	Benefits	Specifically flood projects will reduce the impact of extreme weather events. Funding allocates budget to support SUDS (Sustainable Urban Drainage) for capital projects.
	Enhancing actions	
	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years	
	Adverse impacts	
	Mitigating actions	
Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years		

<p>Statutory duty: Prevention of Pollution to air, water, or land</p> <p>Consider how the proposal will change the likelihood of pollution occurring to air, water, or land and what steps will be taken to prevent pollution occurring.</p> <p>Further guidance</p> <p><input type="checkbox"/> No impact</p>	Benefits	
	Enhancing actions	
	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years	
	Adverse impacts	Funding has been allocated for works to take place on bridges, near waterways, potential for spillages to cause pollution into water ways.
	Mitigating actions	When works take place on bridges, contractors to have a full emergency spill response plan and equipment in place.
Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years		

Step 3: Action Plan

Use this section summarise and assign responsibility for any actions you have identified to improve data, enhance beneficial, or mitigate negative impacts. Actions identified in section two can be grouped together if named responsibility is under the same person.

This action plan should be updated at each stage of the project. Please be aware that the Sustainable City and Climate Change Service may use this action plan as an audit checklist during the project's implementation or operation.

Enhancing / mitigating action required	Responsible Officer	Timescale

Step 4: Review

The Sustainable City and Climate Change Service need at least five working days to comment and feedback on your impact assessment. Assessments should only be marked as reviewed when they provide sufficient information for decision-makers on the environmental impact of the proposal.

Please seek feedback and review by emailing environmental.performance@bristol.gov.uk before final submission of your decision pathway documentation¹.

¹ Review by the Sustainable City and Climate Change Service confirms there is sufficient analysis for decision makers to consider the likely environmental impacts at this stage. This is not an endorsement or approval of the proposal.

Where impacts identified in this assessment are deemed significant, they will be summarised here by the Sustainable City and Climate Change Service and must be included in the 'evidence base' section of the decision pathway cover sheet.

Summary of significant beneficial impacts and opportunities to support the Climate, Ecological and Corporate Strategies (ENV1,2,3,4):
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Summary of significant adverse impacts and how they can be mitigated:
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Environmental Performance Team Reviewer: Nicola Hares – Environmental Performance

Submitting author: Steven Riley

Date: 4 December 2023

Date: 30 January 2024
