



Environmental Impact Assessment [version 1.0]

Proposal title: Multi-Storey Car Park Pay on Foot Contract		
Project stage and type: <input type="checkbox"/> Initial Idea Mandate	<input type="checkbox"/> Outline Business Case	<input checked="" type="checkbox"/> Full Business Case
<input type="checkbox"/> Policy <input type="checkbox"/> Strategy <input type="checkbox"/> Function <input checked="" type="checkbox"/> Service	<input type="checkbox"/> New	<input type="checkbox"/> Changing
<input type="checkbox"/> Other [please state]	<input checked="" type="checkbox"/> Already exists / review	
Directorate: Management of Place	Lead Officer name: Dominic Hitchcock	
Service Area: Traffic & Highways	Lead Officer role: Infrastructure Manager	

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.

Replace the existing Pay on Foot (POF) equipment (barriers and pay stations) at Trenchard Street & West End Multi-Storey Car Parks as the equipment is approaching "end of life" and the end of the existing maintenance contract

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.

Yes No [please select]

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](#).

Yes No Not applicable [please select]

If 'No' explain why environmental impacts have not been considered as part of the options appraisal process.

Retain existing system (but with new barriers & pay stations installed) which will continue with production & disposal of tickets.

Install a new system that will be ticketless/cashless

Both options will require removal, disposal and replacement of existing infrastructure.

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)

Removal of existing infrastructure will need to be disposed of in line with relevant guidelines.

New systems could be ticketless & cashless, removing environmental impact of ticket production & disposal if that option is selected. If the current ticket system is retained, then ticket production & waste could be deemed negative effects.

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 in achieving net zero by 2030.

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

Benefits

No more ticket production, or disposal required

Enhancing actions

Reduction on total number of pay stations compared to existing system

Persistence of effects: 1 year or less 1 – 5 years 5+ years

<p>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>Adverse impacts</p>	<p>Will not change the level of traffic using the car parks.</p> <p>There will be a small quantity of emissions associated with the production, end of life and installation / removal of pay and display equipment.</p> <p>There will be energy required to power the systems, although we may be able to reduce the current number of pay stations, which would reduce the current energy consumption.</p>
	<p>Mitigating actions</p>	<p>Contract specifications to include the capability to facilitate <i>charging by emissions band</i> as part of the future-proofing element of the contract.</p> <p>The majority of Trenchard street electricity contract is part of the sleeved pool arrangement meaning that the electricity consumed through that contract is effectively generated from local renewable sources / low carbon.</p>
	<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input checked="" 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 checked="" 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>Mitigating 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>ENV3 A cleaner, low-waste city: Consumption of resources and generation of waste</p>	<p>Benefits</p>	<p>Potentially no more ticket production, or disposal required – dependent on adoption of ticketless technology during contract lifetime.</p>
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<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>	<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>Removal and disposal of existing systems - There will be waste electrical equipment and other materials associated with installation and replacement of existing pay and display equipment.</p>
	<p>Mitigating actions</p>	<p>Ensure that the installation contract includes appropriate provisions for treating all waste generated according to the waste hierarchy (reduce, re-use, recycle, recover, dispose).</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>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>	<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>Will not change the level of traffic using the car parks</p>
<p>Mitigating actions</p>	<p>Contract specifications to include the capability to facilitate <i>charging by emissions band</i> as part of the future-proofing element of the contract.</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>Statutory duty: Prevention of Pollution to air, water, or land</p>	<p>Benefits</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>	<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>Will not change the level of traffic using the car parks</p>
	<p>Mitigating actions</p>	<p>Contract specifications to include the capability to facilitate <i>charging by emissions band</i> as part of the future-proofing element of the contract.</p>
<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>		

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
Ensure that contract specifications include the capability to facilitate <i>charging by emissions band</i> as part of the future-proofing element of the contract.	Dominic Hitchcock	2026/7
Ensure that the installation contract includes appropriate provisions for treating all waste generated according to the waste hierarchy	Dominic Hitchcock	2026/7

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:	Submitting author:
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Daniel Shelton	Dominic Hitchcock
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Date:	Date:
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09/11/2023	08/11/2023
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