

# Environmental Impact Assessment [version 1.0]



<b>Proposal title: Expansion of The Joinery Shop</b>		
<b>Project stage and type:</b> <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 checked="" type="checkbox"/> Changing
<input type="checkbox"/> Other [please state]	<input type="checkbox"/> Already exists / review	
<b>Directorate: Growth and Regeneration</b>	<b>Lead Officer name: Craig Cook</b>	
<b>Service Area: Homes and Landlord Services</b>	<b>Lead Officer role: Head of Repairs and Maintenance</b>	

## 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](mailto: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.

The proposal is to move the Joinery Shop to a new premises which will allow expansion of its activities and production capacity. The Joinery Shop manufactures fire doors and other bespoke joinery such as benches, gates, windows and porches.

### 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](mailto: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.

## 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.

<b>GENERAL COMMENTS</b> (highlight any potential issues that might impact all or many categories)		
There are no plans to upgrade or change existing joinery machinery as part of the move.		
<p><b>ENV1 Carbon neutral: Emissions of climate changing gases</b></p> <p>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.</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</p>	<b>Benefits</b>	A potential benefit is that the proposed new space currently has no heating or cooling and there is scope to bring in high efficiency / low carbon infrastructure for temperature control.
	<b>Enhancing actions</b>	Collaborate with Bristol City Leap colleagues to identify and deliver appropriate low carbon heating and cooling solutions.
	<b>Persistence of effects:</b> <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input checked="" type="checkbox"/> 5+ years	
	<b>Adverse impacts</b>	The move itself will require specialist moving equipment and transportation, however the intended new site is less than 5 miles away and the move is intended to be a one off event.

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<p>emissions beyond the 2025 and 2030 target dates.</p> <p><a href="#">Further guidance</a></p> <p><input type="checkbox"/> No impact</p>	<p><b>Mitigating actions</b></p>	<p>Due to the requirement for specialist equipment and the short distance involved, no mitigations are proposed.</p>
<p>Persistence of effects: <input checked="" type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>		
<p><b>ENV2 Ecological recovery: Wildlife and habitats</b></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><a href="#">Further guidance</a></p> <p><input checked="" type="checkbox"/> No impact</p>	<p><b>Benefits</b></p>	
	<p><b>Enhancing actions</b></p>	
	<p><b>Adverse impacts</b></p>	
	<p><b>Mitigating actions</b></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><b>ENV3 A cleaner, low-waste city: Consumption of resources and generation of waste</b></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><b>Benefits</b></p>	<p>Increased capacity will allow joinery to produce more products made with sustainable materials.</p>
	<p><b>Enhancing actions</b></p>	<p>The Joinery Shop will continue to source its materials, particularly timber, from certified sustainable sources with full chain of custody available.</p>
	<p><b>Adverse impacts</b></p>	<p>There is expected to be minimal waste generated through the move. Some work benches are yet to be determined, but if not coming to the new site are intended to go to other users such as further education providers.</p> <p>There is a possibility that the existing wood dust extraction system may stay on site.</p>
<p>Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years</p>		

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<p><a href="#">Further guidance</a></p> <p><input type="checkbox"/> No impact</p>	<p><b>Mitigating actions</b></p>	<p>The wood dust extraction system has the potential to be maintained in its current form, or can easily be modified, or easily recycled.</p>
<p>Persistence of effects: <input checked="" type="checkbox"/> 1 year or less      <input type="checkbox"/> 1 – 5 years      <input type="checkbox"/> 5+ years</p>		
<p><b>ENV4 Climate resilience: Bristol’s resilience to the effects of climate change</b></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><a href="#">Further guidance</a></p> <p><input type="checkbox"/> No impact</p>	<p><b>Benefits</b></p>	<p>The new site is expected to provide for a more easily controllable internal environment, which should provide improved resilience during heat waves.</p>
<p><b>Enhancing actions</b></p>	<p>Collaborate with Bristol City Leap colleagues to identify and deliver appropriate low carbon heating and cooling solutions.</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><b>Adverse impacts</b></p>		
<p><b>Mitigating actions</b></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><b>Statutory duty: Prevention of Pollution to air, water, or land</b></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><b>Benefits</b></p>	<p>The new site itself will be further away from watercourses than the current site and the move will enable plans to switch the timber treatment plant over to a water based product which has a reduced severity of impact on the environment if a spill were to occur.</p> <p>The Joinery Shop operates a timber treatment plant which contains a substantial quantity of solvent based chemical. This facility is double bunded and regularly checked for structural integrity. Prior to the move the primary tank will be emptied and fluid transported by Koppers, the manufacturing company which also has extensive knowledge and experience in managing this equipment. Their transportation will provide the same level of control and contingency as applies during standard deliveries.</p>
<p><b>Enhancing actions</b></p>	<p>As the organisation with the highest level of knowledge and safety controls in relation to this design of timber treatment plant, Koppers will oversee the disassembly and reassembly of the timber treatment plant.</p>	

<a href="#">Further guidance</a> <input type="checkbox"/> <b>No impact</b>		<p>The dust extraction system will be closed down prior to move.</p> <p>Minimum materials, including paints, will be transported as part of the move. The intention is for the Shop to use up as much material as possible prior to the move, and then re-stock at the new site.</p>
	<b>Persistence of effects:</b> <input checked="" type="checkbox"/> <b>1 year or less</b> <input type="checkbox"/> <b>1 – 5 years</b> <input type="checkbox"/> <b>5+ years</b>	
	<b>Adverse impacts</b>	
	<b>Mitigating actions</b>	
<b>Persistence of effects:</b> <input type="checkbox"/> <b>1 year or less</b> <input type="checkbox"/> <b>1 – 5 years</b> <input type="checkbox"/> <b>5+ years</b>		

### 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
Collaborate with Bristol City Leap colleagues to identify and deliver appropriate low carbon heating and cooling solutions.	Daniel Shelton	1 <sup>st</sup> November 2024
Ensure appropriate spill kit provision is available on BCC vehicles supporting the move, and at the new site.	Daron Campho	1 <sup>st</sup> November 2024
Liaise with representatives of Koppers to ensure that all appropriate controls and documentation is in place to empty, disassemble, transport, and reassemble the timber treatment plant.	Daron Campho	1 <sup>st</sup> November 2024

### 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](mailto:environmental.performance@bristol.gov.uk) before final submission of your decision pathway documentation<sup>1</sup>.

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):**

<sup>1</sup> 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.

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<b>Summary of significant adverse impacts and how they can be mitigated:</b>

<b>Environmental Performance Team Reviewer:</b> Daniel Shelton	<b>Submitting author:</b> Daron Campho
<b>Date:</b> 03/09/24	<b>Date:</b> 03/09/24