



Environmental Impact Assessment [version 1.0]

Proposal title: Mission Net Zero Project Delivery - Innovate Pathfinder Places Programme Phase 2		
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 type="checkbox"/> Service <input checked="" type="checkbox"/> Other [please state]	<input type="checkbox"/> New <input type="checkbox"/> Already exists / review	<input checked="" type="checkbox"/> Changing
Directorate: Growth and Regeneration	Lead Officer name: Alex Minshull	
Service Area: Sustainable City and Climate Change	Lead Officer role: Sustainable City and Climate Change 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 contact the [Sustainable City and Climate Change Service](#) 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.

To seek approval to accept funding from Innovate UK's Net Zero Living Programme Pathfinder Places Programme and to approve the delivery of the Mission Net Zero Pathfinder Demonstrator Project, to contribute to the achievement of Bristol City Council's, the city's and the wider region's climate goals.

The Mission Net Zero Pathfinder Demonstrator Project aims to build on the successful work undertaken by Bristol City Council, including Bristol City Leap, via engagement with communities, support for the supply chain and effective energy and retrofit planning across the West of England.

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 the [Sustainable City and Climate Change Service](#).

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.

2.1 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)		
<p>There are no significant direct environmental impacts emissions associated with these proposals. However, approving the draw down of the funding will allow the following to be achieved:</p> <ul style="list-style-type: none"> - Publishing a West of England Climate Investment Plan - Publishing three Community Climate Investment Plans (to be written in conjunction with three Bristol communities to ensure they meet the needs of each community). - Growing local climate skills capacity in order to prevent shortages of newly required skills and allow retraining from redundant skills. 		
<p>ENV1 Carbon neutral: Emissions of climate changing gases</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</p>	<p>Benefits</p>	<p>The proposals will enable more local climate investment and avoid the potential bottleneck of skills shortages that could slow down this investment. This should speed up the move to clean and efficient technologies in Bristol. Since these are enabling projects only, it is difficult to assign a quantity of emissions reduction to them directly.</p> <p>The climate investment plans will have no expiry date and the skills learned will be relevant in the long term, so these measures should continue to provide benefits for years to come.</p>
	<p>Enhancing actions</p>	<p>Monitor, measure and publicly report on the effectiveness of these enabling works in getting climate investment flowing and overcoming local barriers to this. This will include reflection on how this investment has helped provide co-benefits such as ecological gains, improved air quality and community resilience.</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>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>Works that make changes as a result of realising more climate investment may temporarily increase emissions, but with more significant longer-term benefits.</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>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>Improving local climate investment and skills may include habitat restoration or enhancement activities.</p>
	<p>Enhancing actions</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>Adverse impacts</p>	<p>Works that make changes as a result of realising more climate investment may temporarily disrupt some green space, but with more significant longer-term benefits.</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>Consider what resources will be used as a result of the proposal, how they can be minimised or swapped for</p>	<p>Benefits</p>	<p>Improving local climate investment and skills is likely to improve investments in how unwanted materials and goods are reused, recycled, or otherwise treated.</p>
	<p>Enhancing actions</p>	

<p>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>	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input checked="" type="checkbox"/> 5+ years	
	Adverse impacts	Works that make changes as a result of realising more climate investment may temporarily increase waste, but with more significant longer-term benefits.
	Mitigating actions	
	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	Improving local climate investment and skills is likely to improve climate resilience through building insulation and improvements to green spaces.
	Enhancing actions	
	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input checked="" type="checkbox"/> 5+ years	
	Adverse impacts	Works that make changes as a result of realising more climate investment may temporarily disrupt resilience, but with more significant longer-term benefits.
	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,</p>	Benefits	Improving local climate investment and skills is likely to reduce pollution through reducing burning fuels and making cleaner travel choices.
	Enhancing actions	
	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input checked="" type="checkbox"/> 5+ years	

water, or land and what steps will be taken to prevent pollution occurring. Further guidance <input type="checkbox"/> No impact	Adverse impacts	Works that make changes as a result of realising more climate investment may temporarily increase pollution (or the risk of causing pollution), but with more significant longer-term benefits.
	Mitigating actions	
	Persistence of effects: <input type="checkbox"/> 1 year or less <input type="checkbox"/> 1 – 5 years <input type="checkbox"/> 5+ years	

Step 3: Actions

3.1 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
Monitor, measure and publicly report on the effectiveness of these enabling works in getting climate investment flowing and overcoming local barriers to this. This will include reflection on how this investment has helped provide co-benefits such as ecological gains, improved air quality and community resilience.	Alex Ivory	31/12/2024

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 from the [Sustainable City and Climate Change Service](#) before final submission of your decision pathway documentation¹.

Where impacts identified in this assessment are deemed significant, they will be summarised here and included on the cover sheet of the decision pathway documentation.

Summary of significant beneficial impacts and opportunities to support the Climate, Ecological and Corporate Strategies (ENV1,2,3,4):
The proposed enabling actions aim to lead to significant indirect carbon savings by increasing of climate action and investments and contribute to improving climate resilience. They are also likely to include co-benefits in

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.

resource use, ecological gain, improved air quality, as well as non-environmental concerns such as workforce skills and employment.

Summary of significant adverse impacts and how they can be mitigated:

Environmental Performance Team Reviewer:
Giles Liddell, Environmental Performance Co-ordinator

Submitting author:
Alex Ivory, Climate Change Team Manager

Date:
07/12/2023

Date:
07/12/2023