

Title of report: Building Practice H&S Capital Plan				
Report author: David Martin				
Anticipated date of key decision 07/03/23				
Summary of proposals:				
Essential Repairs & Maintenance to prevent litigation and ensure operation of the BCC estate.				
Will the proposal impact on...	Yes/ No	+ive or -ive	If Yes...	
			Briefly describe impact	Briefly describe Mitigation measures
Emission of Climate Changing Gases?	Yes	+ive	Buildings will be more efficient.	
		-ive	There will be some embodied emissions from materials and products used, travel and works.	<p>Opportunities to reduce embodied carbon in the materials used for construction will be considered. Materials will be BRE Green Guide A or B rated materials and products where possible.</p> <p>In consultation with Bristol City Leap, the feasibility of ground or air source heat pumps are being considered where boilers need to be replaced. Insulation and solar panels are being considered where roofs are being replaced.</p> <p>Contractors will be asked to supply information about the embodied greenhouse gas emissions associated with materials and products used and how they will minimise the their travel impacts during contract delivery.</p>

Bristol's resilience to the effects of climate change?	Yes	+ive	Roofing, windows and heating projects can all help increase resilience of buildings.	Roof insulation will be reviewed when roofs are replaced and enhanced if required.
Consumption of non-renewable resources?	Yes	+ive or -ive	Some non-renewable materials may be used, particularly for floor covering and structural works.	Materials will be BRE Green Guide A or B rated materials and products where possible.
Production, recycling or disposal of waste	Yes	-ive	Some projects will produce waste	The waste hierarchy will be applied so that waste will be minimised, reused or recycled wherever possible. Waste will be reused, segregated, stored, transferred, treated or disposed of correctly, legally and sustainably.
The appearance of the city?	Yes	+ive	Certain works are likely to improve the appearance of buildings.	
Pollution to land, water, or air?	No	+ive	Replacing heating systems with cleaner energy sources will reduce pollution.	
Wildlife and habitats?	No	-ive	There may be bat roosts or bird nest in roof spaces.	Check roof spaces for signs of bats or birds before commencing works. Follow guidance from the Nature Conservation officers.

Consulted with:

Summary of impacts and Mitigation - to go into the main Cabinet/ Council Report

During works, the significant impacts of this proposal are embodied emissions in the chosen materials and products, contractor handling of chemicals, resource use, waste production and travel. Waste disposal and F-Gas/ air conditioning maintenance are subject to particular regulation. There is opportunity around travel and reducing impacts by looking at locality and vehicle specifications.

After works have taken place, the significant ongoing impacts of this proposal include the thermal or energy efficiency, or emissions reductions from chosen materials and products. The potential addition of renewables to generate energy may add a beneficial impact.

The contract includes the following measures to mitigate the impacts: Competitively tendered contractors where the mitigation measures within this document have been considered in the tender process will help to manage environmental impacts.

The net environmental effects of the proposals are likely to be somewhat beneficial. These necessary works will generate greenhouse gas emissions and other impacts, but they are likely to be more effectively mitigated through working with Bristol City Leap and the tendering process impacts than with the current arrangements.

Checklist completed by:

Name:	David Martin
Dept.:	Corporate Landlord
Extension:	
Date:	6/2/23
Verified by Environmental Performance Team	Giles Liddell – Project Manager, Environmental