

Appendix F – Eco-impact screening/ impact assessment of proposal

Title of report: Bristol Beacon			
Report author: Andrew Searle			
Anticipated date of key decision 25 February 2021			
Summary of proposals: At the February Cabinet, officers will be seeking a decision on the capital support and renovation of Bristol Beacon.			
Will the proposal impact on...	Yes/ No	+ive or -ive	If Yes...
			Briefly describe impact
Emission of Climate Changing Gases?	yes	+ive	<p>An increase in the number of events and music venues will increase emissions.</p> <p>Additional restaurant in venue will increase resource use</p> <p>An increase in the number of events and music venues after refurbishment will increase emissions from travel to the venue.</p>
			<p>In 2019, Bristol Music Trust set a target of making Bristol Beacon carbon neutral by 2030.</p> <p>The renovation will improve the M&E and fabric infrastructure of the building to modern standards; this will include the installation of renewable energy.</p> <p>The minimum BREEAM rating target of 'Very Good' is the Grade II listing limiting how much the building can be changed.</p> <p>The building will be ready to connect to the planned city centre heat network.</p> <p>When procuring a restaurant supplier make considerations that produce will be locally sourced, organic and fairtrade where possible. Catering in the Bristol Beacon will join Bristol Eating Better.</p> <p>Sustainable travel options will be communicated, and ensuring adequate cycle parking spaces are in place as part of re-development will be done if possible.</p>

Bristol's resilience to the effects of climate change?	Yes	+ive	<p>The Council could commandeer the Bristol Beacon in states of emergency.</p> <p>Bristol Beacon is not located within flood risk areas, or where hot spots are most likely to form during hot weather.</p> <p>Water use will be reduced by up to 30% through water efficient taps and appliances.</p>	Installation of renewable energy will reduce stresses on nation grid and provide energy security. The business model is being considered and may include a power purchase agreement with a community energy group, or enhanced with a grid battery to further improve grid stability (depending on space).
Consumption of non-renewable resources?	Yes	+ive	Renovation construction activities will use materials to complete the renovation.	Use Green Guide A or B materials where feasible.
Production, recycling or disposal of waste	Yes	+ive/ ive	<p>The renovation will allow the recycling and disposal of waste infrastructure to be upgraded.</p> <p>Renovation will generate construction waste</p>	Use the waste hierarchy when dealing with waste. Ensure waste is segregated, stored and disposed of legally. A site waste management plan will be produced.
The appearance of the city?	Yes	+ive	Renovation of the Bristol Beacon will improve the current state of the building and also provide improve street spaces	
Pollution to land, water, or air?	Yes	-ive	The renovation construction phase has the potential to pollute land/ water / air	Waste disposal licences utilised during the construction phase. A full environmental construction impact procedure will utilised during the renovation period e.g. noise / dust / etc
Wildlife and habitats?	Yes	+ive	A Bat and Bird survey has been undertaken and provision is being made as part of the renovation works to accommodate these.	

Consulted with: Climate Change Team

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

The significant impacts of this proposal are likely to be associated with the refurbishment (travel, waste, material use) and the impacts of operation once in use (renewable generation, improved resilience and better energy and water efficiency, but more events, catering and travel to the venue).

The proposals include the following measures to mitigate the impacts complying with modern standards, using sustainable building materials and installing efficient equipment wherever possible, adopting a site waste management plan to avoid waste and reuse or recycle as much as possible, sustainable food sourcing and ensuring sustainable travel is communicated and encouraged.

The net effects of the proposals will be harmful during construction, but well mitigated and beneficial once the more efficient building is in use.

Checklist completed by:

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