

**Eco Impact Checklist**

<b>Title of report:</b> Housing Revenue Account 2017/18 Budget Proposals				
<b>Report author:</b> Nicky Debbage				
<b>Anticipated date of key decision</b> 24/1/17				
<b>Summary of proposals:</b> This cabinet report sets out the proposals for the 2017/18 Housing Revenue Account (HRA) budget; which have been tested within the 30-year financial business plan model and which will ultimately form part of the council's overall budget for 2017/18.				
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	Both	<p>Proposals include reductions to spend in a number of areas which would reduce climate changing gas emissions such as external wall insulation and installing showers.</p> <p>However these proposals do not in themselves increase climate changing gas emissions, but instead slow down the rate of emission reduction that Council Housing Stock will achieve.</p> <p>It should also be noted that a number of the proposals contained within this budget such as installing loft and cavity wall insulation and tackling poor heating systems will reduce emissions.</p> <p>Emissions of climate changing gases will also arise through the use of energy, transport fuel and materials during works.</p>	<p>Where practicable, works delivered under these budget proposals will:</p> <ul style="list-style-type: none"> <li>• Use sustainable construction materials</li> <li>• Use local resources and materials</li> <li>• Reduce the energy used during works</li> <li>• Reduce the travel impacts associated with works</li> <li>• Reduce emissions of climate changing gases by improving the energy efficiency of council homes and reducing consumption of fossil fuels.</li> </ul> <p>A-rated windows will be specified unless any additional cost is considered unacceptable.</p>
Bristol's resilience to the effects of climate change?	Yes	+ive	Whilst at a slower rate than previously planned, improvements to energy and water efficiency will improve Bristol's resilience to fuel scarcity & drought.	
Consumption of non-renewable		-ive	Fossil fuels and other non-renewable materials and products will be used in the	All construction materials covered by the BRE Domestic Green Guide to Specification

resources?		<p>works delivered by these budget proposals.</p> <p>Extending maintenance and replacement cycles creates the potential for increased responsive repairs and associated consumption of non-renewable materials.</p> <p>+ive Whilst at a slower rate than previously planned:</p> <ul style="list-style-type: none"> <li>- Improvements to energy efficiency will improve Bristol's resilience to fuel scarcity &amp; reduce fossil fuel consumption.</li> <li>- Improvements to water efficiency by installing replacement bathrooms will improve Bristol's resilience to drought.</li> </ul> <p>The reduced volumes of work proposed under this budget will result in reduced consumption of non-renewable construction materials, transport fuels and associated energy.</p>	<p>must be rated B or above unless there are significant technical or financial reasons why this cannot be achieved. Equivalent ranking schemes will be considered.</p> <p>All timber and wood-derived products for supply or use in performance of the works delivered under this budget must be from independently verifiable legal and sustainable sources as defined by UK Government guidance.</p> <p>Water efficient products such as dual-flush toilets, savaflush devices and water saving taps and shower heads will be specified where appropriate.</p> <p>Durable and recyclable materials and components will be specified where appropriate.</p> <p>Responsive repairs volumes will be monitored to ensure maintenance and replacement cycles are at an appropriate level.</p>
Production, recycling or disposal of waste		<p>-ive Waste will arise during the delivery of the works delivered by this budget.</p> <p>+ive The reduced volumes of work proposed under this budget will result in reduced production of waste.</p>	<p>Contractors and Direct Labour will be required to take responsibility for their waste, including adhering to the waste duty of care and waste hierarchy by:</p> <ul style="list-style-type: none"> <li>● Reducing waste</li> <li>● Reusing waste where legal and practicable</li> <li>● Using products which are readily recyclable.</li> <li>● Recycling as much waste as possible</li> </ul> <p>Hazardous wastes will be stored and disposed of in a legally compliant manner.</p> <p>Where appropriate contract</p>

				documents will promote the recycling of scrap metal, with any income returning to Bristol City Council.
The appearance of the city?	Yes	May be -ive	Delivering fewer cladding projects and moving from a 7 to a 10 year external works programme may result in a reduced ability to maintain and improve the appearance of Council Housing in the city.	<p>External maintenance works to Council Housing will help to mitigate this impact.</p> <p>Durable materials which maintain their appearance will be specified where practicable.</p>
Pollution to land, water, or air?		<div>-ive</div> <div>+ive</div>	<p>Works delivered under this budget are likely to involve the use and storage of materials that could contaminate land, watercourses and surface water drains, if accidentally released.</p> <p>Works are likely to create dust and noise.</p> <p>However, the reduced volumes of work proposed under this budget will result in reduced potential for such impacts.</p>	<p>Contractors and Direct Labour will be required to work in accordance with all relevant regulatory guidance and also ensure appropriate procedures and equipment are in place to:</p> <ul style="list-style-type: none"> <li>Securely store any potentially polluting materials and keep them away from watercourses and surface water drains.</li> <li>Avoid washing out containers of paint and similar materials into drains.</li> <li>Ensure correct foul sewer connections are made, rather than to storm drains.</li> <li>Reduce dust.</li> <li>Reduce noise pollution.</li> <li>Contain any spills.</li> </ul>
Wildlife and habitats?		<div>-ive</div> <div>+ive</div>	<p>It is possible for works and construction materials associated with this budget to:</p> <ul style="list-style-type: none"> <li>Impact upon legally protected species or habitats</li> <li>Impact on priority species or habitats</li> <li>Remove or damage trees.</li> </ul> <p>However, the reduced volumes of work proposed under this budget will result in reduced potential for such impacts.</p>	<p>Timber must be used in accordance with the above requirements.</p> <p>Where works have the potential to disturb protected species or impact upon their habitat, guidance from a suitably experienced and qualified ecological consultant will be sought and followed at the earliest opportunity.</p> <p>Any works requiring Planning Permission will be reviewed by a Nature Conservation Officer as part of the Planning process.</p>

				Wherever possible existing trees will be retained and works affecting these trees will be undertaken in accordance with "BS 5837: Trees in relation to design, demolition and construction – Recommendations"
<b>Consulted with:</b> Steve Ransom & Giles Liddell				
<b>Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u></b>				
<p><b>The significant impacts of this proposal are...</b></p> <p>Works delivered under this budget will result in the consumption of non-renewable resources, production of climate changing emissions and production of waste. Works also create the potential for both direct and indirect impacts on wildlife and habitats.</p> <p>Some works delivered under this budget such as loft and cavity insulation have the potential for reducing consumption of fossil fuels and greenhouse gas emissions.</p> <p>However, this budget includes a reduction in expenditure on works which would have resulted in reduced energy and water consumption such as external wall insulation and the installation of showers. This in itself will not worsen the existing environmental impact of housing stock, but instead slow down the rate of improvement and associated reduction in carbon emissions. It should also be noted that reduced work volumes will in fact reduce some of the environmental impacts associated with this budget e.g. by leading to lower material consumption and waste production.</p> <p><b>The proposals include the following measures to mitigate the impacts...</b></p> <p>A number of mitigation measures are included in the main ECO Checklist which accompanies this Cabinet Report. In addition, the following mitigation measures will also be implemented:</p> <ul style="list-style-type: none"> <li>- A Sustainability Appraisal will be completed as part of any procurement process.</li> <li>- Housing Services will liaise with BCC's Environmental Performance team during the development of specifications etc</li> <li>- Continuously improving asset intelligence will be used to target works where most required on housing stock.</li> </ul> <p><b>The net effects of the proposals are</b></p> <p>Overall positive provided the mitigation measures outlined in this ECO Checklist are successfully implemented.</p>				
<b>Checklist completed by:</b>				
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Verified by Environmental Performance Team		Giles Liddell		