

Eco Impact Checklist

Title of report: City Centre Framework				
Report author: Jason Thorne / Melanie Bufton				
Anticipated date of key decision The proposed decision date is 14 July 2020				
Summary of proposals: The City Centre Framework seeks to guide improvements to movement across/to and from the City Centre and inform future physical developments. The Framework will be a material consideration in the planning process, informing transport and development changes. The Framework sets out the Council's strategic objectives and aims for movement and development.				
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	- and +	<p>If development comes forward in line with the City Centre Framework, any new development has potential to emit climate changing gases. Use of construction materials and transportation to site could emit gases that contribute to climate change.</p> <p>Changes to the way vehicles move around the central area, as defined in the Framework, will encourage greater take up of sustainable transport modes therefore reducing carbon emissions.</p>	<p>Any new development will need to go through the statutory planning process and must accord to the sustainability objectives of the NPPF and Local Plan policies in addition to rising standards and practice administered through additional mechanisms such as building regulations.</p> <p>Environmental impact and any mitigation proposed will be considered as part of this process.</p> <p>The Framework will bring about improved access to sustainable transport modes which will reduce reliance and use of the private car.</p>

			<p>The framework encourages new development to consider heat network connection and sustainable development.</p> <p>The Framework places a focus on ensuring new developments are designed to minimise cooling demand – Encouraging natural ventilation within new developments,</p>	
Bristol's resilience to the effects of climate change?	Yes	- and +	<p>New development has potential to impact surface water drainage which could increase risk of flooding.</p> <p>The requirement to reduce cooling demand mentioned above will also improve hot weather resilience, as passive cooling is less likely to fail.</p>	<p>The Framework looks to mitigate a number of issues more directly such as heat networks, protection of green space and additional green infrastructure / biodiversity and blue infrastructure.</p> <p>Any new development would be subject to a statutory planning process. To improve our resilience to Climate Change there should be an emphasis on providing development in a sustainable manner, in terms of flood risk. As part of the planning process it can be ensured appropriate development is taking place to mitigate against future climate change impacts, for example in flood zones encouraging the use of less vulnerable uses on the ground floor of developments.</p>

				<ul style="list-style-type: none"> - Reducing and slowing the flow of rainfall entering existing infrastructure by making provisions for Sustainable Drainage Systems within development - Creating more opportunities for the provision of blue and green infrastructure and reconnecting existing green spaces and river corridors, to not only reduce the amount of impermeable areas being built but to improve the amenity of the public realm.
Consumption of non-renewable resources?	Yes	-	If everything set out in the Framework comes to fruition some non-renewable resources will need to be used. For example, not all materials used to construct new buildings or new cycle paths are currently renewable. Exact materials to be used are not known at this stage but could include metal, stone, concrete and cement.	Use of sustainable resources in line with Council policy has been considered and the Framework includes aims on sustainable development, and promoting sustainable energy and heat networks.

Production, recycling or disposal of waste	Yes	-	If everything set out in the Framework comes to fruition waste will be produced.	<p>Maximise opportunities for recycling and responsible disposal of waste.</p> <p>Any new development will need to go through a statutory planning process and transport changes will need to go through an approval/planning process where waste will be considered. In some cases waste management plans will need to be produced and in all cases the waste hierarchy should be followed and waste disposed of according to waste legislation.</p>
The appearance of the city?	Yes	+	The appearance of the central area should benefit from the proposals and be a more attractive environment for people to be in. Increased public realm is proposed which will deliver improvements to the overall appearance of the city centre.	
Pollution to land, water, or air?	Yes	- and +	<p>If all proposals set out in the Framework come to fruition, land, water or air pollution could occur.</p> <p>New development could create pollution in terms of noise, light, dust or mud. There is potential to pollute water depending on location of development.</p>	<p>The statutory planning process will ensure any new development accords with the NPPF and Local Plan policies in addition to rising standards and practice.</p> <p>Mitigation could be for example a requirement to produce a Construction Management Plan.</p>

			<p>The Framework encourages greater take up of sustainable transport modes which will help reduce emissions generated by traffic and improve air quality. It supports the Clean Air Plan, aimed at tackling the issue of poor air quality. The Framework encourages smart management of traffic, for example holding traffic outside of the city to stop gridlock within central areas.</p>	
Wildlife and habitats?	Yes	+	<p>There may be a small improvement due to improvements in public realm creating an environment conducive to wildlife. The framework sets out encouragement of urban greening and green roofs as part of sustainable development planning.</p>	
Consulted with:				
Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u>				
<p>The Framework sets out sustainable considerations for new developments and City Centre works. Consideration to sustainable transport and efficient developments are made. If all proposals set out in the Framework come to fruition there will be short term negative impacts through construction such as waste generation and use of resources however the positive benefits from the inclusion of sustainable development and improvement to sustainable transport networks will outweigh these negative impacts.</p> <p>The net effects of the proposals are positive.</p>				

Checklist completed by:	
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Date:	23/06/2020
Verified by Environmental Performance Team	Giles Liddell