

Eco Impact Checklist

Title of report: Zero Emissions Transport City				
Report author: Jacob Pryor				
Anticipated date of key decision : 07/06/2022				
Summary of proposals:				
This report seeks permission to receive a grant award of £500,000 of revenue development funding from the DfT to commission and deliver a series of feasibility and technical studies examining how the city can accelerate plans to decarbonise the transport network				
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	The studies will investigate ways to accelerate plans to decarbonise the transport network.	
Bristol's resilience to the effects of climate change?	Yes	+ive / -ive	The studies will likely recommend a range of new infrastructure developments which may be susceptible to instances of extreme heat or flooding.	It is recommended that the scope of the studies include provision to consider the climate resilience of any proposed changes to infrastructure or vehicle fleets.
Consumption of non-renewable resources?	Yes	-ive / +ive	Decarbonising the transport network will lead to reduced consumption of fossil fuels, however it will also require the consumption of various non-renewable resources to facilitate a step change in the uptake of ULEVs and EVs.	It is recommended that the scope of the studies include provision to consider ways of supporting increased circular use of resources when delivering proposed changes to infrastructure or vehicle fleets.
Production, recycling or disposal of waste	Yes	-ive	Decarbonising the transport network will lead to changes in the composition of private vehicle ownership and fleet vehicles, as well as changes in	It is recommended that the scope of the studies include provision to consider ways of re-using waste materials associated with infrastructure changes and supporting recycling

			infrastructure across the city, leading to increased production and disposal of waste.	schemes where possible for ICE vehicles.
The appearance of the city?	Yes	+ive	Decarbonising the transport network will likely lead to greater levels of cycling and walking infrastructure.	
Pollution to land, water, or air?	Yes	+ive	Decarbonising the transport network will lead to an overall reduction in air pollution across the city.	
Wildlife and habitats?	No	+ive / -ive	The studies will likely recommend a range of new infrastructure developments which may require removal of existing areas of habitat.	It is recommended that the scope of the studies include provision to consider ways of achieving biodiversity net gain from the outset.
Consulted with:				
Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u>				
The direct environmental impacts of this proposal are minimal as the technical studies will be primarily desktop based. However, there is opportunity to ensure that the studies take a holistic approach in making recommendations that achieve positive outcomes across multiple environmental criteria rather than solely focusing on carbon reduction.				
Checklist completed by:				
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Extension:				
Date: 01/04/2022				
Verified by Environmental Performance Team			Daniel Shelton 01/04/2022	