

Eco Impact Checklist

Title of report: Expansion of the e-scooter trial on-street rental operating area.				
Report author: Matthew Barrett				
Anticipated date of key decision				
Summary of proposals: 5th April 2022				
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	unclear	Potential switch from cars to e-scooters, but also from walking & cycling to scooters, and increase in overall trips so overall impacts are unclear	None at this stage in trial. WECA / UWE will be evaluating as part of e-scooter trial which will inform future mitigation. This proposal will therefore help to determine the overall impact of e-scooters in the city.
Bristol's resilience to the effects of climate change?	N			
Consumption of non-renewable resources?	Y	-ve	Use of resources to build scooters and batteries, energy to power them and to service operations	Overall picture on whole-life resource consumption energy use is not clear, some potential mitigation of some aspects through use of green energy. WECA / UWE will be evaluating as part of e-scooter trial.
Production, recycling or disposal of waste	Y	Potentially -ve	Issues surrounding use of high-capacity lithium batteries-end of life disposal and disposal of damaged batteries (e.g fire)	Disposal in line with guidelines. Processes for dealing with fire damage currently under review (WECA is contract holder not BCC)
The appearance of the city?	Y	-ve	Scooter parking causes significant street clutter.	Work underway to look at on-road parking solutions, to avoid cluttering pavement. But limited options to reduce visual impact.
Pollution to land, water, or air?	Y	unclear	Potential improvements in air quality for trips	

			made by scooters instead of cars, buses or taxis.	
			Potential for contamination caused by scooter fires or scooters in rivers / docks	WECA and operator to review emergency response procedures, response procedures for locating and retrieving abandoned scooters, and procedures for disposal / and remediation of contamination
Wildlife and habitats?	no			
Consulted with:				
Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u>				
<p>The significant impacts of this proposal are not easy to quantify at this point in the e-scooter trial, however determining this is an intended outcome of the proposal. Many of the net impacts will depend on to what extent e-scooter trips are replacing trips that would otherwise have been made by ICE vehicles, and this is difficult to predict for the expanded operating area. There are also potential issues of contamination arising from abandoned or damaged lithium-ion batteries.</p> <p>The proposals include the following measures to mitigate the impacts – to monitor e-scooter usage and impacts as part of the trial and WECA to report to DfT, and for WECA to work with the operator to improve procedures around management of batteries.</p> <p>The net effects of the proposals are currently unclear.</p>				
Checklist completed by:				
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Dept.:			Sustainable Transport	
Extension:				
Date:			14/02/2022	
Verified by Environmental Performance Team			Daniel Shelton 01/03/2022	