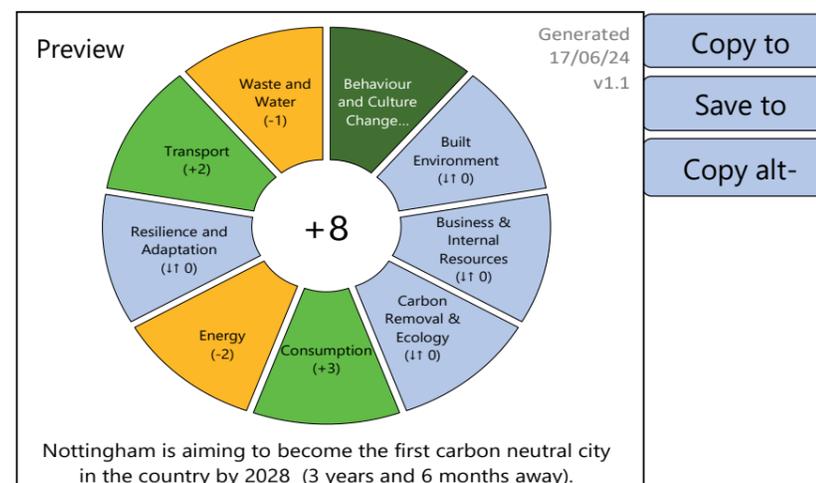


Carbon Impact Assessment Dashboard Tool (v1.1)

Report Name	Local Electric Vehicle Infrastructure Concession
Report date	17/06/2024
Report author	Anne-Marie Barclay
Project Notes	This report sets out the potential carbon impacts from the implementation of an electric vehicle chargepoint network across the city to meet the anticipated 2030 demand
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Category	Impact	Notes / justification for score / existing work (see guidance sheet or attached notes for more information)	Score (-5 to +5)
Behaviour and Culture Change	Communication & engagement	The procurement process will test bidders on their approach to social value, including debunking myths around electric vehicles and the associated infrastructure, to support both the uptake of electric vehicles and the City Councils carbon neutral aspirations.	-
Behaviour and Culture Change	Wider influence	Implementation of the chargepoint network aims to support the anticipated demand in 2030, ensuring the supporting infrastructure is in place prior to increased demand for chargepoint availability. This will also the City ensure it is prepared for the current government proposals to ban the sale of all new petrol and diesel vehicles from 2035.	+2
Behaviour and Culture Change	Working with communities	The chargepoint network will look to provide charging facilities for those with no access to off-street parking. The project team will work with local communities and ward Councillors ahead of implementation to ensure community support, and bidders will be tested on their commitment to working with communities where installations are taking place as part of the tender process.	+2
Behaviour and Culture Change	Working with partners	The City is delivering this project as part of a consortium with other east midlands local authorities, delivering regional collaboration to ensure rural and less affluent areas are also supported.	+2
Built Environment	Building construction	N/A	-
Built Environment	Building use	N/A	-
Built Environment	Switching away from fossil fuels	N/A - no impact in relation to static fossil fuel usage. Impacts of change in transport covered separately	-
Business & internal resources	Developing green businesses	N/A	-
Business & internal resources	Marketable skills & training	N/A	-
Business & internal resources	Sustainability in business	N/A	-
Business & internal resources	Material / infrastructure requirement	N/A	-
Carbon Removal & Ecology	Carbon storage	N/A	-
Carbon Removal & Ecology	Biodiversity & Ecology	N/A - chargepoint sites to be located on existing highway	-
Carbon Removal & Ecology	Bee friendly city	N/A - chargepoint sites to be located on existing highway	-
Carbon Removal & Ecology	Carbon offsets	N/A	-
Consumption	Food & Drink	N/A	-
Consumption	Products	Bidders will be required to demonstrate their organisations sustainability as part of the tender process detailing any relevant ISO standards held, and for how long, and what their process is for resolving any significant actions. In addition, the charging equipment and its major components provided under this contract must be manufactured in a facility that is ISO 9001 (quality management system) certified (or successor/equivalent certification).	-
Consumption	Services	At part of the tender process bidders will be required to share their sustainability strategy and carbon reduction plan, highlighting how this aligns to the Council's carbon neutral policy.	+1
Consumption	Local and low-carbon production	The specification will require the concessionaire shall consider the whole carbon lifecycle of the EV Infrastructure including the chargepoint design, manufacture, transport, installation, operation within local area and decommissioning. All servicing and maintenance shall be undertaken using zero emission vehicles.	+2
Energy	Local renewable generation capacity	N/A	-

Energy	Reducing energy demand	Introduction of additional electric vehicle chargepoints will increase energy demand, and contract duration (15 years) will increase impact of this, however the specification will require this to be from renewable sources, and these must be identifiable.	-2
Energy	Improved energy storage	N/A	-
Resilience and Adaptation	Green / blue infrastructure	N/A - chargepoint sites to be located on existing highway	-
Resilience and Adaptation	Natural flood management	N/A - chargepoint sites to be located on existing highway	-
Resilience and Adaptation	Drought vulnerability	N/A	-
Resilience and Adaptation	Flooding vulnerability	N/A - chargepoint sites to be located on existing highway	-
Resilience and Adaptation	Heatwave vulnerability	N/A	-
Transport	Staff travel requirement	The chargepoint network is unlikely to impact the frequency of staff travel, however in making charging infrastructure accessible it will provide a greener alternative when using a private vehicle.	-
Transport	Decarbonising vehicles	Project focused on delivering chargepoint infrastructure to support residential locations without off-street parking. Contract will also require concessionaire to support priority areas for the City Council (for example lower income areas) not just those which are commercially desirable.	+4
Transport	Improving infrastructure	The service will utilise existing highway parking bays so will not impact on the provision of paths supporting active travel.	-
Transport	Supporting people to use active travel	The chargepoint network will form part of the City's sustainable transport offer alongside active travel modes of walking and cycling. It is more likely that driving would be the option taken when active travel does not present a realistic option (such as longer distance, or moving bulky/heavy items), however in making it more accessible there is a risk the service could dissuade people from active travel options	-1
Transport	Reduced need to travel	Delivery of the chargepoint network will not reduce the need to travel. It will provide the option for people to move from petrol vehicles to greener electric vehicles, however this may also result in more car journeys	-1
Waste and Water	Single-use plastic	N/A	-
Waste and Water	End of life disposal / recycling	The concessionaire will be required to ensure that all refuse and waste from the installation, operation and maintenance, and end-of-life, from this contract is segregated and disposed of in a responsible and environmentally conscious manner in full compliance with relevant recycling and waste disposal regulations.	-1
Waste and Water	Waste volume	N/A	-
Waste and Water	Water use	N/A	-
Other	Other 1		
Other	Other 2		
Other	Other 3		
Other	Other 4		