

Appendix 2 Carbon Impact Assessment

Rotherham Electric Vehicle Charging Infrastructure Expansion

Will the decision/proposal impact...	Impact	If an impact or potential impacts are identified			
		Describe impacts or potential impacts on emissions from the Council and its contractors.	Describe impact or potential impacts on emissions across Rotherham as a whole.	Describe any measures to mitigate emission impacts	Outline any monitoring of emission impacts that will be carried out
Emissions from non-domestic buildings?	No impact	-	-	-	-
Emissions from transport?	Reduces emissions	Project will encourage and enable conversion to EV by private motorists, businesses, taxi and private hire operators. Some increased carbon emissions during construction phase.	Reduction	Transport will be minimised during construction phase.	Amount of EV charging will be monitored and recorded. Contractors will be required to report project emissions.
Emissions from waste, or the quantity of waste itself?	No impact	-	-	-	-
Emissions from housing and domestic buildings?	No impact	-	-	-	-
Emissions from construction and/or development?	Impact unknown	There will be minimal impact during the installation phase.	Minimal	Contractors will reduce emissions and environmental impact where possible.	Liaison with Council officers will include monitoring of activities to ensure minimal impact.
Carbon capture (e.g. through trees)?	Nil	-	-	-	-

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Identify any emission impacts associated with this decision that have not been covered by the above fields:
 Encouraging and enabling transition to Electric Vehicles (EV) will also reduce NOx emissions.

Please provide a summary of all impacts and mitigation/monitoring measures:

Conversion of fossil fuelled transport to EV has a direct impact on reducing local CO2 emissions.
 Electricity used for EV Charging will be measured and reported using the Charge Point Management System (CPMS).
 Established conversion factors will be applied for carbon reporting purposes.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Andy Wilson, Energy Efficiency Officer, Asset Management Service, Regeneration and Environment
Please outline any research, data, or information used to complete this [form].	Experience of delivering and managing existing solar EV Charge Point installations within the existing operational estate.
If quantities of emissions are relevant to and have been used in this form please identify which conversion factors have been used to quantify impacts.	CO2 Savings through conversion to EV calculated as follows: * Assumes fuel mix 50% petrol, 50% diesel *Usage 1kWh = 5km (3.1miles) *Average CO2 emission diesel: 160g/km *Average CO2 emission petrol: 173g/Km Source: Shell Recharge
Tracking [to be completed by Policy Support / Climate Champions]	