

Climate Impact Assessment, Appendix 4 Towns and Villages Maltby High Street Improvements Scheme

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 the Borough 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?	None	N/A	N/A	N/A	N/A
Emissions from transport?	Increase	During the construction stage there is going to be a likely increase in emissions due to the increased number of vehicles on site (including the construction machinery and contractors' vehicles). The projects will generate the need to travel to site during the improvement works.	As the project is limited to Maltby, any emissions impacts will be small and localised, with no meaningful or measurable effect on the wider borough.	Car accessibility may be reduced for a short period of time with the required traffic management plans, and other forms of transport will be encouraged. Sustainable travel is encouraged and is being looked into within the remit of the Council transport infrastructure strategy. The main contractor appointed will minimise transport-related emissions through measures such as low-emission vehicles, efficient delivery management, and	The contractors will be required to report project emissions.

				reduced idling. These measures will be secured and monitored through the CEMP.	
Emissions from waste, or the quantity of waste itself?	Increase	The construction process will generate waste.	An improved community space will be developed which ultimately aims to increase visitor numbers, therefore increasing volume of waste.	Promotion of waste segregation, recycling and diversion from landfill during the redevelopment process and adherence with local waste management practice during operation.	
Emissions from housing and domestic buildings?	None	N/A	N/A	N/A	N/A
Emissions from construction and/or development?	Increase	Most projects involving construction/refurbishment works have impact on emissions. These include, traveling to site, operation of vehicles on site, operation of any other vehicles needed to construct/dig proposed components. The embodied energy required to produce	The works are designed to minimise the impact on the surrounding areas	Look to promote active travel and reduce single occupancy car journeys to the project workforce. The new construction works will use Modern Methods of Construction designed to reduce waste and improve efficiency. Responsible construction waste management.	The contractors will be required to report project emissions. RMBC will monitor works and ensure that the main contractor is complying with all relevant regulations.

		construction materials will increase emissions.		Locally sourced materials and resources where possible.	
Carbon capture (e.g. through trees)?	Decrease	Carbon capture benefits will be small but positive, as the scheme includes rain gardens and new planting that will provide some localised carbon absorption in Maltby.	Although some carbon capture is being provided, this will not create any measurable change across the wider borough.	Rain gardens and shrub planters have been included to provide local carbon capture and help mitigate any minor emission impacts.	Monitoring will be through visual checks of the rain gardens and shrub planters in Maltby to ensure planting is established and functioning as intended.
Identify any emissions impacts associated with this decision which have not been covered by the above fields: N/A					

Will the proposal affect Council services' resilience to climate change, or the capacity of people living in the Borough to adapt to climate change?

The proposal is not expected to have any significant impact on climate-change resilience across the wider borough. However, within Maltby, the introduction of rain gardens and shrub planting will support local adaptation by improving surface-water management and helping reduce the effects of heavy rainfall. These benefits are localised to the immediate area and do not affect borough-wide resilience.

Provide a summary of all impacts and mitigation/monitoring measures:

The project is projected to increase emissions during the construction phase from travelling to site, operation of any vehicles and equipment, waste and emissions associated with the supply of new materials. The contractor will be expected to minimise emissions where possible, by practising waste segregation, recycling and diversion from landfill; sourcing materials locally where possible and reducing transport related emissions where possible. The contractors will be required to report project emissions.

Rain gardens and shrub planting will offer small carbon-capture and drainage benefits. Planting and drainage features will be monitored through routine site checks.

Any minor increase in vehicle trips is offset by improved walkability and accessibility in the area.

Supporting information:	
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Please outline any research, data or information used to complete this Climate Impact Assessment.	Climate Change management team.
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.	
Validation	Tracking Reference: CIA668 Katie Rockett Climate Change Officer