

Appendix 3

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?	increases emissions throughout construction, reduced emissions in operation.	<p>Emissions during demolition of non-domestic buildings.</p> <p>Disused and poorly performing buildings will be replaced with modern methods and sustainably focussed design.</p> <p>The design of replacement non-domestic buildings will aim to minimise carbon emissions through a fabric approach as well as operationally.</p>	<p>Temporary increases in Borough emission throughout construction.</p> <p>Reduction in emissions overall through more energy efficient replacement buildings.</p>	Design and construction that mitigates emissions will be explored. The use of locally sourced materials will be explored to minimise carbon footprint. Overall replacing less energy efficient buildings with more efficient buildings will be beneficial.	The emissions of the new RMBC non-domestic assets will be recorded and monitored by the council's Climate Change Team. Decarbonisation of heat, heated through air source. Replacing outdated with efficient buildings, carbon emissions will be monitored as part of the annual reporting process.
Emissions from transport?	increases emissions during construction, neutral in operation	The projects will generate the need travel to site during construction phases.	The project does not aim to increase individual car journeys. The scheme will be centred around the existing bus station and promote sustainable travel. Walking and cycling will also be promoted through design.	Although existing car parking on the site will be enhanced, the aim of the scheme is not to further increase or promote individual car use. The focus is on improving local provision and a result reducing car travel.	The contractors will be required to report project emissions. Existing monitoring of air quality and public transport use.

Emissions from waste, or the quantity of waste itself?	increases emissions during construction, neutral in operation	The construction process will generate waste.	Replacement buildings will be developed which will generate approximately the same level or less waste in operation.	Promotion of waste segregation and diversion from landfill during the construction process and adherence with local waste management practice during operation. Waste recycling in operation.	The contractors will be required to report project emissions.
Emissions from housing and domestic buildings?	no impact on emissions	N/A	N/A	N/A	N/A
Emissions from construction and/or development?	Increases emissions	Most projects involve significant construction works/Key activities that will likely impact on emissions include travel to site and use of local power generation (generators) until permanent power is available.	Temporary increase in Borough emissions.	Look to promote active travel and reduce single occupancy car journeys. Responsible construction waste management. Locally sourced materials and resources where possible.	Industry standard practises to be managed by contractor. The contractors will be required to report project emissions.
Carbon capture (e.g. through trees)?	Reduces emissions	The development relates to brownfield land and is an opportunity to create a greener and healthier environment.	Construction and operational emissions will be partially offset through planting of trees and soft landscaping.	Tree planting, soft landscaping, greening of brownfield land all to contribute to carbon capture.	Impact will be captured through qualitative assessment of project completion as per landscape design plans.

Identify any emission impacts associated with this decision that have not been covered by the above fields:

This assessment relates to early concept information, actual carbon impacts will be firmed up during detailed design stages.

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

Central to the carbon reduction plan will be in replacing inefficient and derelict buildings with modern high-quality energy efficient design. In addition, substantial planting/ soft landscaping schemes will support carbon reduction in the long term. Transport emissions are only expected to increase temporarily throughout the demolition and construction period. Overall the scheme will promote a healthier and more active local centre.

Supporting information:

Completed by: (Name, title, and service area/directorate).	Megan Hinchliff, Regeneration & Development Project Manager RiDO, Regeneration and Environment
Please outline any research, data, or information used to complete this [form].	Stage 0-1 design information.
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.	N/A
Tracking [to be completed by Policy Support / Climate Champions]	CIA083 11/05/23