

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 emission during works, decrease during operation	Emissions during demolition and construction works.	<p>Temporary increases in Borough emission throughout construction.</p> <p>New non-domestic buildings will be designed to minimise carbon emissions through a fabric approach and operationally.</p>	<p>Design and construction that mitigates emissions will be prioritised. Investment in low carbon design and delivery is a priority in the upgrades to RMBC Country Parks.</p> <p>The improvement works to the thermal envelope at Thrybergh will be implemented to reduce the emissions by lowering the heating/cooling demand on the building.</p>	In support of the council’s target of Net0 in operation for council buildings, the emissions of the new 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 Replacing outdated with efficient buildings, carbon emissions will be monitored as part of the annual reporting process.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	The projects will generate the need travel to site during construction phases.	The projects will enhance existing leisure and skills sites across the borough so may generate an increase in visitors/ car journeys.	<p>Car parking provision will likely be limited, and other forms of transport will be encouraged.</p> <p>Electric vehicle charging infrastructure will be delivered as part of wider site plans for the Country Parks.</p>	The contractors will be required to report project emissions. From an EV infrastructure point of view, the presence of high-profile infrastructure will encourage uptake in electric vehicle use in

					Rotherham. EV use is also monitored annually.
Emissions from waste, or the quantity of waste itself?	Increases emissions	The construction process will generate waste.	Larger hospitality buildings will be developed which will increase volume of waste.	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.	Food waste will be minimised through careful menu design and stock management processes. Waste will be recycled. No single use plastics will be used on site.
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.
Carbon capture (e.g. through trees)?	Impact unknown	Development is taking place in green environment allowing for passive carbon capture.	Emissions will be partially offset through planting of trees and extensive soft landscaping.	Tree planting, soft landscaping, greening of brownfield land all to contribute to carbon capture.	Some impact may be captured through the planned I-tree survey, but majority will be captured through qualitative

					assessment of project completion as per landscape design plans.
<p>Identify any emission impacts associated with this decision that have not been covered by the above fields:</p> <p>Actual carbon impacts will be firmed up during detailed design stages.</p>					

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

Central to the carbon reduction plan will be detailed design targeting Net0 in operation. The energy basis of the site will be electrical, with no gas heating or cooking. This means the site will decarbonise as the national grid does. In addition substantial planting/ soft landscaping schemes will support carbon reduction. Transport emissions are expected to increase due to increased footfall though provision for electric vehicle charging infrastructure to encourage use of electric vehicles versus combustion engines.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Nicola Glynne-Jones, Regeneration & Development Project Manager RiDO, Regeneration and Environment
Please outline any research, data, or information used to complete this [form].	Architectural design specification, 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.	N/A
Tracking [to be completed by Policy Support / Climate Champions]	Louise Preston, Climate Change Manager – Tracking No: CIA284 Lorna Vertigan, Strategic Regeneration Manager, RiDO, R&E