

User guidance:

- The first section of this form guides users through considering major areas where emissions are likely to occur. If emissions are impacted in a way not covered by these categories, please identify this at the bottom of the section
- The first section should be filled as such:
 - **Impact:** identify, in relation to each area, whether the decision of the proposal does the following: *reduces emissions, increases emissions, or has no impact on emissions*. If it is uncertain this section can be labelled *impact unknown*
 - If **no impact on emissions** is identified: no further detail is needed for this area, but can be added if relevant (e.g. if efforts have been made to mitigate emissions in this area.)
 - **Describe impacts or potential impacts on emissions:** two sections deal respectively with emissions from the Council (including those of contractors), and emissions across Rotherham as a whole. In both sections please explain any factors that are likely to reduce or increase emissions. If **impact unknown** has been selected, then identify the area of uncertainty and outline known variables that may affect impacts.
 - In most cases there is no need to quantify the emission impact of an area after outlining the factors that may reduce or increase emissions. In some cases, however, this may be desirable if factors can be reduced to a small number of known variables (e.g. if an emission impact is attached to a known or estimated quantity of fuel consumed).
 - **Describe any measures to mitigate emission impact:** regardless of the emission impact, in many cases steps should be taken in order to reduce mitigate all emissions associated with each area as far as possible; these steps can be outlined here (For example: if a proposal is likely to increase emissions but practices or materials have been adopted in order to reduce this overall impact, this would be described here).
 - **Outline any monitoring of emission impacts that will be carried out:** in this section outline any steps taken to monitor emission levels, or steps taken to monitor the factors that are expected to increase or reduce emission levels (for example, if waste or transport levels are being monitored this would be described here)
- A **summary paragraph** outlining the likely overall impacts of the proposal/decision on emissions should then be completed - this is not required if the proposal/decision has no impact across all areas.
- The supporting information section should be filled as followed:
 - Author/completing officer
 - **Research, data, or information** may refer to datasets, background documents, literature, consultations, or other data-gathering exercise. These should also be added to the **supporting documents** section of the cabinet report

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- Carbon Impact Assessments are to be appended to the associated cabinet reports
 - Prior to publishing reports, Carbon Impact Assessments should be sent to climate@rotherham.gov.uk for feedback
 - Report authors may also use the above email address to direct any further queries or to access further support regarding completing the assessment

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 from this decision but redevelopment will have impact	This decision does not have any impact.	<p>This decision does not have any impact but the development will result in the construction of new non- domestic buildings which will produce emissions.</p> <p>Emissions from the buildings on site are likely to be significantly less than those from the previous use as a supermarket.</p> <p>The scheme is aiming to attract users who are currently travelling to other destinations to fulfil leisure needs, who currently produce greater emissions through using less efficient and less well-designed buildings. The overall impact across Rotherham may therefore reduce, however this depends on the location and set up of alternative locations as emissions could increase if both</p>	<p>The design brief for the buildings includes measures to maximise energy efficiency and reduce emissions including for example BREEAM rating and travel plans, low energy lighting, thermal efficiency. Buildings will be designed to allow for plant to be installed to connect to a local heat network.</p> <p>An ecological report and water framework directive assessment has been conducted. The reports identified there would be no impact on water quality and that no protected species would be impacted by the works however, the neighbouring river habitats should be considered throughout the works. Works will consider breeding</p>	<p>During the award and construction stages regular workshops will be held to ensure the entire design and construction teams know the responsibilities in terms of BREEAM scoring. The client BREEAM scoring points targeted (such as the use of A-rated equipment and white goods) will also be measured, so the approach will be totally holistic.</p> <p>After completion and handover further client/ construction team liaison will be required for items such as seasonal commissioning which should be a targeted credit in terms of both BREEAM but also energy in use during all times of the year.</p>

			sites are run simultaneously.	species with specific note of riverine birds and their nesting seasons. It should be noted though that good quality habitats may benefit emissions sequestration locally but emissions savings from this work is likely to be minimal, though the ecological value will be positive.	Post occupancy reviews and measurement/targeting of energy use will also assist.
Emissions from transport?	No impact from this decision but redevelopment will have impact	The final development arrangement does not have any impact	The final development arrangement does not have any impact but there will be future impacts from the use of the scheme and customer visits.	The site is within walking distance of the bus interchange, tram trail and railway station and the design brief for the scheme will include consideration of measures to enhance pedestrian connectivity with key arrival points including public transport nodes across the town centre. Transport Plan prepared for planning application RB2020/0485 includes further information. The site will also provide facilities within the borough that do not	Use of the car parking facilities proposed for the Forge Island development will be monitored to some extent to determine how many trips are generated from the proposed scheme. This will provide a good indication of methods of transportation used to access the scheme.

				currently exist replacing some of the demand to travel further afield outside the borough. Dwell time on the scheme is expected to significantly longer than the previous use as a supermarket providing improvements in terms of air quality from reduced trip generation	
Emissions from waste, or the quantity of waste itself?	No impact from this decision but final use will have impact	This decision does not have any impact	This decision does not have any impact but there will be future impacts from the operations on site. It is likely that given the leisure and catering nature of the Forge Island development that waste and therefore the emissions from waste will increase.	Waste Management Plan to be prepared and be in place as part of planning condition requirements before operations on site can commence and impacts experienced.	
Emissions from housing and domestic buildings?	No impact				
Emissions from construction and/or development?	No impact from this decision but redevelopment will have impact	This decision does not have any impact but there will be emissions produced as a result of construction through Council contracts. These emissions will form part of the	This decision does not have any impact but there will be future short-term impacts from construction of the scheme on Rotherham's emissions.	The proposal for the redevelopment of Forge Island aspires to achieve BREEAM Very Good, and has achieved this ambition at the design stage pre-	Through design tender and construction process – monthly contractor reports

		Council's scope 3 emissions.		assessments. The team has past and current relevant experience in delivering projects with this level of ambition. A series of sustainability workshops and pre-assessments are organised throughout the design stages to ensure that environmental targets are met.	
Carbon capture (e.g. through trees)?	No impact	The final development arrangement does not have any impact		The development will provide new soft landscaping and planting to add to the habitats on offer within the site compared to the existing condition ensuring no increase in surface water discharge.	Captured through Borough/Region wide indicators and monitoring – no site specific monitoring proposed.
<p>Identify any emission impacts associated with this decision that have not been covered by the above fields:</p> <p>The scheme is designed to include sustainable flood protection measures with buildings at podium level allowing the site to operate as temporary storage during a flooding event</p>					

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

The decision to accept funding does not have any impact on emissions as the applicable works are already underway. The future scheme will have an impact on emissions for both the Council through its contracts and for Rotherham through its future use. Some of these emissions will be addressed and monitored through the output of the design process and the development and subsequent use of the scheme.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Tim O'Connell, Head of RiDO, regeneration and Environment
Please outline any research, data, or information used to complete this [form].	
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.	
Tracking [to be completed by Policy Support / Climate Champions]	Louise Preston, Climate Change Manager, Strategic Asset Management CIA165