

Carbon Impact Assessment: Procurement of a contractor to demolish 3-7 Corporation Street

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?	Increase emissions (Neutral impact once demolition works have concluded)	Whilst the contractors are on site there will be increased emissions from contractor vehicles and machinery.	This project demolishes old non-domestic buildings. A temporary emissions increase may occur whilst the demolition and remedial works to party walls occur. Demolition has been deemed necessary as the structures are beyond economical repair and are in a hazardous condition.	Regular monitoring of progress on site to ensure the works are completed in a timely manner, and that appropriate measures are implemented in order to best mitigate emissions impacts.	Our cross-Council teams (Regeneration and Asset Management) will be involved in monitoring as the contract progresses, in order to ensure the required standards are met.
Emissions from transport?	Increase emissions (lower emissions once scheme completed)	During the demolition process there will be increased traffic and machinery on site leading to increased emissions.	The site is small and contained, therefore we do not envisage a large impact on emissions across Rotherham as a whole.	Traffic and machinery will be kept to a minimum and the proximity of party walls may mean that manual demolition needs to take place for some aspects.	Asset Management will actively monitor the works to ensure any and all relevant
Emissions from waste, or the quantity of waste itself?	Increase emissions	The project will generate waste given that the site will be cleared.	The materials removed from the site will need to be transported away via the road network and disposed of in a safe and responsible manner.	Promotion of waste segregation and diversion from landfill during the construction process. It will also be reviewed whether the demolition waste can be reused to fill void cellar space, saving on the use of concrete.	As above Council teams will monitor statutory reporting requirements during construction.
Emissions from housing and domestic buildings?	n/a	n/a	n/a	n/a	n/a

Emissions from construction and/or development?	Increase emissions	The proposed scheme would include demolition works that would have a small but direct 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 use of local power generation (generators) until permanent power is available. Mitigation via retaining the existing structures in order to reduce the broader carbon impact of the development has not been possible as the buildings are not structurally sound.	The site is small and contained, therefore we do not envisage a large impact on emissions across Rotherham as a whole.	Look to promote active travel and reduce single occupancy car journeys during the scheme.	The team will work with contractors to ensure waste/emissions can be minimised.
Carbon capture (e.g., through trees)?	n/a	n/a	n/a	n/a	n/a

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

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

To summarise, it is expected that the project will, in the demolition phase start to negatively affect levels of emissions on the surrounding environment. The project will have relevant mitigation strategies in place to counter the temporary increase in emission levels. The site will return to neutral emissions levels post completion.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Josh Turner, Regeneration and Development Project Support Officer, RIDO, R&E
Please outline any research, data, or information used to complete this [form].	Information has been sought from RMBC's asset 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]	Tracking Reference: CIA 143 Arthur King, Principal Climate Change Officer, Strategic Asset Management, R&E