

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?	<p>Increases emissions during construction.</p> <p>Reduces emissions in operation.</p>	<p>There will be an initial increase in emissions during the construction phase, associated with demolition and construction processes. During this phase, waste will be minimised.</p> <p>Demolition of the existing library building is necessary as it is no longer fit for purpose, and it is not viable to retrofit. A new building will be built at the same site.</p> <p>Components of the existing building will be reused wherever possible.</p>		<p>The new building will comply with Part L of building regs. During detailed design, we will work with the design team to explore sustainable material sourcing, passive heating systems, renewable energy.</p> <p>Once completed, the new library building will have enhanced environmental performance, requiring less energy to heat. Air source heat pumps will be included in the new building as well as photovoltaic energy production.</p> <p>Sustainable sourcing of local materials will be practiced wherever possible.</p>	<p>The main contractor will be responsible for compliance with Part L of building regs.</p> <p>The emissions of the new RMBC non-domestic assets will be recorded and monitored by the council's Climate Change Team.</p> <p>Replacing outdated with energy-efficient buildings is part of RMBC's wider strategy on reducing carbon emissions and will be monitored as part of the annual reporting process.</p>
Emissions from transport?	<p>Increases emissions during construction.</p>	<p>During the construction phase, there will be an increase in traffic and machinery on site, having an impact on emissions.</p>		<p>The public realm will be revitalised to encourage walking and cycling. Active travel will be built into the scheme,</p>	<p>The main contractor appointed will be required to abide by standards to minimise emissions.</p>

	Slight decrease anticipated in operation.			including cycle parking tying into the Wath – Manvers cycleway. The site is well connected to public transport links. The number of electric vehicle charging points will be increased.	Once in operation, RMBC may monitor active travel in Wath more generally and the impact of the project on this.
Emissions from waste, or the quantity of waste itself?	Increases emissions during construction. No impact on emissions during operation.	Increased emissions due to demolition, site clearing works and waste from construction.		In line with Part H of building regs., waste will be kept to a minimum, with reuse and recycling wherever possible.	As above the main contractor will be responsible for compliance, which will be monitored by RMBC.
Emissions from housing and domestic buildings?	N/A	N/A	N/A	N/A	N/A
Emissions from construction and/or development?	Increases emissions	The proposed construction works will have a direct impact on emissions. This includes travel to site, operation of vehicles on site, operation of any other vehicles needed to construct/dig proposed components, and the use of local power generation (generators) until		Compliance with relevant building regs will ensure emissions and waste are kept to an absolute minimum.	RMBC will monitor works and ensure that the main contractor is complying with all relevant regulations.

		<p>permanent power is available.</p> <p>The embodied energy required to produce construction materials will increase emissions.</p>			
Carbon capture (e.g. through trees)?	No impact	A small number of trees and landscaping will be added to the public realm as part of the improvement works, however this is not expected to have a notable impact on carbon capture.	N/A	N/A	RMBC will monitor quality of landscaping works and overall environmental impact of the scheme.
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:

The scheme is designed to promote a healthier and more active Wath town centre, with improved public realm and landscaping. The replacement of the existing building will ensure much improved energy efficiency in the operation of the library, commercial unit and café. This will slightly offset the increased emissions during the demolition and rebuild of the library. Air source heat pumps and photovoltaic energy production will be included in the scheme.

The Council will ensure emission reducing measures are implemented wherever feasible in the design, construction, operation, and maintenance of the building and public realm.

When appointed, the main contractor will be responsible for compliance with relevant building regs and other relevant legislation, which RMBC will monitor carefully.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Joel Hamer, Regeneration Strategy Manager RiDO, Regeneration and Environment
Please outline any research, data, or information used to complete this [form].	Stage 0-3 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]	Tracking reference: CIA286 Katie Rockett, Climate Change Officer