

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?	<p>Increases emissions during construction.</p> <p>Reduces emissions in operation.</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>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. Sustainable sourcing of materials will be practiced wherever possible.</p> <p>Once completed, the new library building will have enhanced environmental performance, requiring less energy to heat. The viability of renewable energy is being assessed.</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 etc.</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Replacing outdated with energy-efficient buildings is part of RMBC's wider strategy on reducing carbon emissions and will be monitored as part of the annual reporting process.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>Reduces emissions in operation.</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 site is well connected to public transport links. The public realm will be revitalised to encourage walking and cycling. We envisage the revitalised and better-connected library site and public realm will reduce reliance on cars for shopping and leisure.</p>	<p>Active travel will be built into the scheme, including cycle parking and facilities.</p>	<p>The main contractor appointed will be required to abide by standards to minimise emissions.</p> <p>Once in operation, RMBC may monitor active travel in Wath more generally and</p>

					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.	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?	No impact	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, traveling 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 permanent power is available. The embodied energy required to produce construction materials will increase emissions.	The works will be designed to minimise the impact on the town centre and surrounding areas.	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.

Carbon capture (e.g. through trees)?	Reduced emissions	N/A	Trees and landscaping will be added to the public realm as part of the improvement works. A green roof and renewable energy are being considered. This will improve biodiversity and carbon capture for the site.	N/A	RMBC will monitor quality of landscaping works and overall environmental impact of the scheme.
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Identify any emission impacts associated with this decision that have not been covered by the above fields:

This assessment has been made at an early design stage. The information in this Appendix will be updated as the more detailed design is developed and agreed.

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, landscaping and play areas. The replacement of the existing building will ensure much improved energy efficiency in the operation of the library, commercial units and café. This will offset the increased emissions during the demolition and rebuild of the library.

We will include 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).	Eleanor Bainbridge, 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]	