

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

- 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	There are no direct implications expected from the creation of Riverwalk and Water Lane enabling works	There are no wider implications expected from the creation of Riverwalk and Water Lane enabling works	n/a	n/a
Emissions from transport?	Increase in emissions	There will be short term increases in transport emissions during the construction phase	There are no wider implications expected from the creation of Riverwalk. There are no direct implications expected from the creation of Water Lane as it will not be completed and therefore no additional use until the residential development is developed.	Ask contractor to minimise deliveries to site. Look to promote active travel and reduce single occupancy car journeys.	n/a
Emissions from waste, or the quantity of waste itself?	Increase in emissions	During these works, a large quantity of earth will be removed from site to clear the Japanese knotweed. This will be treated off site.	There should be minimal waste created in the wider borough from creation of Riverwalk or Water Lane in this enabling phase. The next phase of the development will affect waste	Proper waste segregation to enable recycling	Contractor to monitor waste
Emissions from housing and domestic buildings?	No impact	There are no direct implications expected from the creation of Riverwalk and Water Lane enabling works.	There are no wider implications expected from the creation of Riverwalk and Water Lane enabling works	n/a	n/a

		The future housing development following these works will lead to further emissions and will be assessed as part of that project			
Emissions from construction and/or development?	Increase	<p>The work will increase embodied carbon emissions associated with:</p> <ul style="list-style-type: none"> Materials to be used on site, including steel piling, gabion baskets and aggregates for road and paving surfaces. Contractor vehicles visiting and working on the site during the construction period. 	There are no wider implications expected from the creation of Riverwalk and Water Lane enabling works	<p>Ask contractor to minimise deliveries to site. Look to promote active travel and reduce single occupancy car journeys.</p> <p>Steel sheet piling is used. Concrete piles were considered but not cost or carbon efficient.</p> <p>Materials to be reused where possible, particularly in relation to levelling.</p>	Through design tender and construction process – monthly contractor reports
Carbon capture (e.g. through trees)?	Unknown	<p>The creation of the Riverside Walk and Water Lane will involve the removal of a number of established trees and shrubbery.</p> <p>This will be replaced by some semi mature trees and other habitat growth.</p> <p>Unknown what the impact will be</p>	There are no wider implications expected from the creation of Riverwalk and Water Lane enabling works	<p>There is an area on site for replacement tree planting and habitat growth to replace.</p> <p>Other Biodiversity Enhancement measures will be included.</p>	Landscaping management scheme captured as part of the planning application – no monitoring will take place

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 creation of the Riverwalk and Water Lane will increase emissions during the construction period. As this project is only the Enabling Works, the River Walk and Water Lane will not be open in full to the public for use until the residential development is complete. Through contractor engagement it is hoped that the emissions during construction can be kept to a minimum by promoting waste segregation and diversion from landfill, using local suppliers and opting for lower carbon materials.

Supporting information:

Completed by: (Name, title, and service area/directorate).	Jackie Sharpe, Turner & Townsend Project Manager on behalf of RiDO, R&E Lead Internal Project Manager – Rory Battye, RiDO R&G
Please outline any research, data, or information used to complete this [form].	None
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.	None
Tracking [to be completed by Policy Support / Climate Champions]	CIA281 Katie Rockett, Climate Change Officer