

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](mailto: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?                 | Decreases emissions | The proposal does not involve Council buildings.  | This project replaces old non-domestic buildings. Operation of these buildings is anticipated to create a net decrease in emissions.   | <p>The new/refurbished buildings will be designed to present day standards (BREAM V Good and Building Regs Part L).</p> <p>The proposal includes a significant level of landscaping, with the intention of creating a more pleasant environment, including the mitigation or combatting of said emissions.</p> | BREEAM Post Occupancy Evaluations (potentially).                    |
| Emissions from transport?                              | Increases emissions |   | The addition of a series of new businesses may attract a larger number of vehicles on site. The site has however been chosen for its proximity to the new tram/train stop and cycle ways along Sheffield Road and a new accessible pathway will be created providing a safe and pleasant connection and encouraging the use of cycling and public transport. | <p>Travel planning will likely be undertaken on all projects.</p> <p>Car parking provision will likely be limited, and other forms of transport will be encouraged.</p> <p>Public realm works are designed to encourage active modes of travel.</p>  |   |
| Emissions from waste, or the quantity of waste itself? | Increase quantity   | Contractors will be appointed by the Council and whilst in construction phase, the project will generate waste given the site's previous use and current condition. |  | Promotion of waste segregation and diversion from landfill during the construction process and adherence with local waste management practice during operation.  | BREEAM and statutory reporting requirements during construction.    |

|   |                     |   |  |   |   |
|---|---------------------|---|--|---|---|
| Emissions from housing and domestic buildings?  | n/a                 |   |  |   |   |
| Emissions from construction and/or development?   | Increases emissions | The proposed scheme would include a significant amount of construction works that will have a 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 will likely affect emissions also |  | <p>Seek to achieve permanent power connections as early in the programme as practical to avoid the use of generators.</p> <p>Look to promote active travel and reduce single occupancy car journeys.</p> <p>Use lower impact materials and construction methods, reduce waste where possible – main contractors' responsibility</p> | RMBC will monitor practices put in place by the main contractor and recommend improvements wherever possible. |
| Carbon capture (e.g., through trees)?   | Reduce emissions    |   | Included in the proposal is a significant amount of landscaping, some existing and some proposed to add/extend the existing amount. There will be several trees planted along the south end of the site, facing Sheffield Road. The extra landscaping/vegetation will reduce emissions on site. An estimated 80% increase in biodiversity will be achieved by the project. | Planting of trees and other vegetation to mitigate the effects on emissions the site would have.  |   |
| Identify any emission impacts associated with this decision that have not been covered by the above fields: |                     |   |  |   |   |
| n/a   |                     |   |  |   |   |

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

To summarise, it is expected that the project will, in the construction phase start to negatively affect levels of emissions on the surrounding environment and the net emission levels of Rotherham as a whole. The project will have relevant mitigation strategies in place to counter the increase in emission levels. As the project moves to completion it will replace existing old and inefficient buildings with new buildings leading to a long term positive impact. The project also factors it into the proposal the addition of vegetation/landscaping to create a green belt in order to mitigate/reduce the levels of emissions generated by this site. Overall, an increase in biodiversity of 80% is expected at the site.

Supporting information:

|   |   |
|---|---|
| Completed by:<br>(Name, title, and service area/directorate).   | Lorna Vertigan, Strategic Regeneration Manager, RIDO, R&E   |
| Please outline any research, data, or information used to complete this [form].   | Information has been provided by the appointed architects AHR in consultation with their Environmental experts  |
| 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. | Quantities have not been provided at this time in reflection of the current stage of design. As design progresses to Stages 3 & 4 and contractors are appointed this information will become available. |
| Tracking [to be completed by Policy Support / Climate Champions]  |   |