

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?	No impact		No buildings are indicated within the sites' proposed boundaries, as per Appendix 1, <i>LWS Boundary Maps</i> .		
Emissions from transport?	No significant impact		Local Wildlife Sites in Rotherham are designated for their ecological interest. Local sites may provide other benefits e.g., as amenities for people living nearby: designation might increase public awareness of and travel to the proposed sites.		It would be good practice to monitor visitor numbers and any consequent impact on sites' ecological condition. No site monitoring visits are programmed at this time.
Emissions from waste, or the quantity of waste itself?	Unknown		Designation will seek to protect remaining conservation interests at the proposed sites and to update the Local Plan. Designation as a Local Wildlife Site is a material consideration in planning decisions relating to development on or affecting any such site, including any		

			applications which involve waste at the site.		
Emissions from housing and domestic buildings?	No impact		No buildings are indicated within the proposed sites' boundaries as per Appendix 1, <i>LWS Boundary Maps</i> .		
Emissions from construction and/or development?	Avoids potential carbon impacts		<p>Construction materials have a significant 'embodied' carbon impact.</p> <p>Designation will seek to protect remaining conservation interests at the proposed sites and to update the Local Plan. Designation as a Local Wildlife Site is a material consideration in planning decisions relating to development on or affecting any such site.</p>	<p>Designation of the proposed sites will not prevent construction and development. However, designation may steer future development towards sites of less ecological interest, elsewhere in the Borough of Rotherham. Protecting the condition of local habitats in this way might avoid some potential carbon impacts, since greater biodiversity may be associated with greater capacity for carbon storage. Albeit major developments will soon be required to demonstrate biodiversity net gain, the loss of habitat in one location cannot quickly or easily be compensated elsewhere. As referenced in the framework for</p>	

				Rotherham's Local Wildlife System, "the majority of terrestrial habitats are the result of complex events spanning many centuries which defy re-creation over decades."	
Carbon capture (e.g. through trees)?	Carbon sequestration and storage		The proposed designations seek to conserve Throapham Orchard and Banana Plantation, a traditional orchard and broad-leaved plantation, respectively. These sites' tree cover and ecological interest imply significant carbon storage: their designation may prevent some carbon impacts from unsustainable development.		As noted in the framework for Rotherham's Local Wildlife System, the appraisal of sites should be kept valid and up to date through regular monitoring. Monitoring sites' annual carbon sequestration and total carbon storage would increase awareness of ecosystem services and natural capital, as material considerations in Council decision making.

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

None.

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

The proposal is not envisaged to have a major impact on climate change, it will seek to maintain existing valuable habitats at two sites in Rotherham. The boundaries would be a material consideration in future planning applications so it might be beneficial in helping prevent harmful future land uses, though the sites are already designated as Greenspace in the Local Plan. The designation does not bring extra legal requirements on how the land needs to be managed. Any existing legislation that applies to the site will remain in force. It is good practice to visit sites periodically, to monitor and manage their conservation interests.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Rachel Lindsay, Planning Officer, Planning Regeneration and Transport
Please outline any research, data, or information used to complete this [form].	
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.	
Tracking [to be completed by Policy Support / Climate Champions]	Tracking Reference: CIA 222 Arthur King, Principal Climate Change Officer, Finance and Customer Services Andy Duncan, Planning Policy Manager and Climate Champion, Built Environment – Planning