

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?	Increase in emissions	-	The development of potential new health and education facilities (including extensions to existing buildings) is likely to increase emissions.	The energy efficiency of the building to be considered at scheme design stage.	Where non-domestic buildings (or extensions) are part of the council's energy portfolio, the council's Climate Change Team are able to monitor emissions. Where this is not the case, no emissions monitoring will be possible.
Emissions from transport?	Impact unknown	-	Schemes that may eventually be funded by CIL should improve vehicle flows and therefore reduce emissions	In designing schemes, the Transportation Service would seek to reduce emissions	Ongoing traffic flows and air quality monitoring
Emissions from waste, or the quantity of waste itself?	No impact on emissions	-	-	-	-
Emissions from housing and domestic buildings?	No impact on emissions	-	-	-	-

Emissions from construction and/or development?	Increase in emissions	There would be some emissions from the construction of all new infrastructure.	Emissions from the construction of a road scheme or additional school buildings could alleviate traffic flows or reduced need to travel to a more distant school. This could reduce emissions from transport.	In designing schemes, the Council service would seek to reduce emissions	Ongoing traffic flows and air quality monitoring
Carbon capture (e.g. through trees)?	Reduce emissions	Schemes funded by CIL that improve green spaces could involve tree planting that in turn could absorb carbon	Carbon capture could be increased by more tree planting	In designing schemes, the Council service would seek to consider carbon capture.	Ongoing air quality monitoring

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

Other potential projects identified in the Infrastructure Delivery Study which have a climate impact include:

- Potential new gas main extension near Carr Hill and Ginhouse Lane.
- Flood alleviation schemes – these could help Rotherham adapt to a changing climate.

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

The Council's Local Plan provides a long-term development strategy for the Borough, setting out policies and proposals for new development. Following the five year review of the policies in the adopted Core Strategy there will be a partial update to several of its policies. These proposed amendments to policies will ensure that the Local Plan complies with the requirements set out in national planning policy; and is in keeping with the Climate Change declaration made by the Council.

The CIL spending process is designed to prioritise and allocate Strategic CIL funds to infrastructure schemes to support growth promoted by the Local Plan. The Local Plan itself was subject to sustainability appraisal as part of its drafting, so its implementation inherently promotes sustainable development.

The Council's Infrastructure Delivery Study identifies a number of schemes which could have impact on emissions including: new health and education infrastructure, a new gas pipeline, flood alleviation projects, green space improvements, road infrastructure, public transport and active travel infrastructure.

All development will still have an impact on carbon emissions. However, the Core Strategy partial update proposes a clearer approach to mitigating and adapting to the impacts of climate change, and it is expected that the proposed update would minimise increases in emissions when compared to current policies and in considering proposals.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Winsze Lam, Assistant Planning Policy Manager, Planning and Regeneration Service
Please outline any research, data, or information used to complete this [form].	Infrastructure Delivery Study update https://www.rotherham.gov.uk/downloads/file/2396/rotherham-2020-infrastructure-delivery-study-march-2021
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: CIA276 Katie Rockett, Climate Change Officer Andy Duncan, Planning Policy Manager and Climate Champion, Built Environment – Planning, Planning and Regeneration Service