

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?	Impact Unknown	Carbon emissions are produced in the manufacture of mobile devices, Wi-Fi transmission equipment, the provision of Wi-Fi and broadband. These devices consume electricity in their manufacture and running. The council procure the Wi-Fi and intranet infrastructure from third party providers.	Increased use of Wi-Fi and broadband services will initially be concentrated in the indoor/outdoor Rotherham market space	None	Levels of usage and time spent accessing the free public town centre Wi-Fi area are unknown at this moment in time. However, following roll out, usage stats will be collected.
Emissions from transport?	Not Applicable				
Emissions from waste, or the quantity of waste itself?	Not Applicable				
Emissions from housing and domestic buildings?	Not Applicable				

Emissions from construction and/or development?	Impact unknown	Carbon emissions are produced in the manufacture of mobile devices, Wi-Fi transmission equipment, the provision of Wi-Fi and broadband. These devices consume electricity in their manufacture and running. The council procure the Wi-Fi and intranet infrastructure from third party providers.	Increased use of Wi-Fi and broadband services will initially be concentrated in the indoor/outdoor Rotherham market space	None	Levels of usage and time spent accessing the free public town centre Wi-Fi area are unknown at this moment in time. However, following roll out, usage stats will be collected.
Carbon capture (e.g. through trees)?	Not applicable				

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

The Carbon footprint of mobile devices, consuming Wi-Fi and internet services account for about 3.7% of global greenhouse gasses and emissions. These emissions are predicted to double by 2025. (Source: Mike Hazas, Lancaster University).

According to Google's own figures, however, an average user of its services, someone who performs 25 searches each day, watches 60 minutes of YouTube, has a Gmail account and accesses some of its other services, produces less than 8g (0.28oz) CO₂e a day. According to Facebook's sustainability report, a user's annual carbon footprint is 299g CO₂e, which is less than boiling the water for a pot of tea. Depending on the number of people using the Rotherham free town centre and the duration of its use, it may be possible to quantify the carbon emission generated as a result of providing this service.

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

Depending on the number of people using the Rotherham free town centre and the duration of its use, it may be possible to quantify the carbon emission generated as a result of providing this service.

Supporting information:	
Completed by: (Name, title, and service area/directorate).	Susan Gray, Service Manager, Digital Services, FaCS
Please outline any research, data, or information used to complete this [form].	Lancaster University, Google, Facebook
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]	Sam Blakeborough, Policy Officer, PPI, ACEx