

Appendix 8

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 on Emissions	n/a	n/a	n/a	n/a
Emissions from transport?	Counter the impact of Emissions	n/a	<p>The Supplementary Planning Documents provide planning policy guidance for developers.</p> <ul style="list-style-type: none"> The SPD on Biodiversity Net Gain sets out the requirement for developers to meet the 10% BNG requirement introduced by the Environment Act 2021. This includes the protection and improvements to the natural environment and increased participation in active travel through increased access to Green Infrastructure corridors. The Trees SPD sets out the requirements for retention 	<p>The Supplementary Planning Documents provide further guidance and clarity to developers to:</p> <ul style="list-style-type: none"> Reduce the carbon footprint of their development. Provide improvements and enhancements to the natural environment that will lead to improved health of local communities. 	Air quality monitored via the Local Plan Annual Monitoring Report.

			and replacement of trees on development sites, which has been shown to encourage active travel through an enhanced natural environment.		
Emissions from waste, or the quantity of waste itself?	Reduce Emissions	n/a	The Soils SPD sets out requirements for the management of soils on site. The efficient management and re-use of soils will reduce waste produced by incorrect disposal of soils; and will encourage and protect biodiversity within soils thus supporting all levels of life within the carbon food chain.	n/a	Waste quantity monitored via the Local Plan Annual Monitoring Report.
Emissions from housing and domestic buildings?	Reduce Emissions	n/a	There is potential for a reduction in emissions through the increase in Biodiversity Net Gain and tree cover on residential developments. Increased vegetation of all kinds provides carbon capture and 'cleans' the air of emissions.	The Supplementary Planning Documents provide further guidance and clarity to developers to: <ul style="list-style-type: none"> • Reduce the carbon footprint of their development • Provide improvements and enhancements to the natural environment that will lead to improved 	CO2 emissions per capita monitored via the Local Plan Annual Monitoring Report.

				health of local communities.	
Emissions from construction and/or development?	Reduce Emissions	n/a	The proper handling of trees and soils on site will manage any harm to these assets caused by construction and development.	A Soils Strategy is required for new development proposals to be submitted as part of the planning application.	CO2 emissions per capita monitored via the Local Plan Annual Monitoring Report.
Carbon capture (e.g. through trees)?	Reduce Emissions	n/a	<p>The draft Supplementary Planning Documents promote best practice.</p> <p>The Biodiversity Net Gain, Trees, and Soils SPDs will assist in the mitigation of CO₂ emissions. They aim to further protect the natural environment and limit the impacts of new development on the natural environment and to seek compensation off site for new development proposals where on-site mitigation and enhancement is not possible.</p>	<p>An increase in vegetation, in Rotherham and the improved handling of soils will promote carbon capture and reduce emissions.</p> <p>Increased tree cover will provide carbon capture and 'clean' the air of emissions.</p>	CO2 emissions per capita monitored via the Local Plan Annual Monitoring Report.

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

The SPDs will guide decision-making on planning applications, which will influence CO₂ emissions. The threat of climate change has informed Local Plan policy. The promotion of climate resilient developments and delivery of sustainable construction methods are embedded throughout.

- The Biodiversity Net Gain SPD will secure 10% Biodiversity Net Gain for new developments as required in the Environment Act 2021. This includes the potential for new planting and enhancements to the biodiversity of existing open spaces which is known to reduce carbon emissions.

- The Trees SPD sets out the requirements for retention and replacement of trees on site. Trees are known to provide carbon capture along with mitigation of the impacts of climate change and pollution.
- The Soils SPD sets out requirements for the proper management of soils. In the long term, this will maintain the health of the Borough's vegetation, providing enhanced Green Infrastructure to improve carbon capture in the Borough. Good soil conditions will also secure the food supply in the Borough, which is under threat due to climate change¹.

The willingness of developers to work towards zero carbon developments is a key driver to change. Future government legislation will effectively regulate development on site to be zero carbon. Without legislation, the Council can promote best practice through its Development Plan Documents and guidance but cannot insist on carbon-neutral development.

There is a significant demand for new homes and amenities in the Borough. The Council is committed to determining planning applications in accordance with Local Plan policy, and in doing so is seeking to reduce, mitigate and adapt to climate change.

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

The Supplementary Planning Documents provide further guidance and clarity to developers in bringing forward planning applications for development; reducing the carbon footprint of development; promoting higher sustainable construction standards; building climate resilient dwellings; minimising impacts of carbon emissions harmful to local air quality, the natural environment and health.

Supporting information:

<p>Completed by: (Name, title, and service area/directorate).</p>	<p>Winsze Lam, Assistant Planning Policy Manager Planning Policy Planning, Regeneration and Transport</p>
<p>Please outline any research, data, or information used to complete this [form].</p>	<p>National Planning Policy Framework (2021) Rotherham Local Plan Core Strategy (2014) Rotherham Local Plan Sites and Policies Document (2018) United Kingdom Food Security Report 2021: Theme 2: UK Food Supply Sources</p>

¹ [United Kingdom Food Security Report 2021: Theme 2: UK Food Supply Sources - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/92222/uk-food-security-report-2021-theme-2-uk-food-supply-sources.pdf)

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]	Andy Duncan Planning Policy Manager Climate Champion, Built Environment – Planning