

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 the Borough 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	Moderate impact from potential increased employment which could increase office-based activities and contribute to higher emissions.	An increase in rates of economic activity is likely to result in economic growth which has the potential to increase CO ₂ emissions.	This will be in part mitigated by a focus on green jobs, identified as a sector with growth potential.	Monitoring will not take place as a specific part of delivery of the Strategy.
Emissions from transport?	Increase	Moderate impact from the expansion of employment which could increase staff travel and contribute to higher emissions	The Strategy will look to provide local jobs for people, but due to the nature of the combined economy across South Yorkshire, this will not always be the case. An increase in rates of economic activity will result in economic growth which is likely to generate more transport movements and thereby increase emissions. An increase in the production of goods and services locally may have a beneficial impact on local supply chains and help reduce the number	Scope to mitigate within the Strategy itself is relatively low. To mitigate negative impact, it will be necessary to work in tandem with a range of other policies to promote environmentally sustainable economic growth and the potential of job growth in the "Green Sector."	Monitoring will not take place as part of the work on the Strategy.

			of transport movements both in the production process and consumption.		
Emissions from waste, or the quantity of waste itself?	Increase		An increase in economic growth which has the potential to increase waste production	Scope to mitigate within the strategy is minimal. To mitigate negative impact, it will be necessary to work in tandem with a range of other policies to promote environmentally sustainable economic growth and encourage employers to adopt sustainable waste management practices	Monitoring will not take place as part of the work on the Strategy.
Emissions from housing and domestic buildings?	Increase		An increase in rates of economic activity is likely to result in economic growth. This has the potential to increase household incomes resulting in greater consumption which may have an impact on emissions.	Scope to mitigate within the Strategy is minimal. To mitigate negative impact, it will be necessary to work in tandem with a range of other policies to promote environmentally sustainable behaviours.	Monitoring will not take place as part of the work on the Strategy.
Emissions from construction and/or development?	Increase		An increase in rates of economic activity is likely to result in economic growth. This has the potential to increase construction and development in the Borough.	Scope to mitigate within the Strategy is minimal. Planning policy, development control and enforcement of Part L of the Building Regulations are best placed to	Monitoring will not take place as part of the work on the Strategy.

				mitigate the carbon impact of construction. A local labour supply with green skills in sustainable construction could mitigate the carbon impact of development.	
Carbon capture (e.g. through trees)?	None				
Identify any emissions impacts associated with this decision which have not been covered by the above fields: <i>None identified</i>					

Will the proposal affect Council services' resilience to climate change, or the capacity of people living in the Borough to adapt to climate change?

The climate in Rotherham is already changing, with visible impacts throughout the Borough. Hotter summers are increasing the risk of extreme temperatures such as those experienced in July 2022, as wetter winters and more intense rainfall are increasing the risk of floods such as those in 2007, 2019 and 2023. More information on climate change impacts in Rotherham is available from:

<https://www.reports.esriuk.com/view-report/b8eb3cee8f764147a2cfcd69cf36238f/E08000018>

Delivery of the Strategy should include consideration of how economic inclusion may increase people's capacity to adapt to climate change.. For example, people with alcohol or drug dependence, people who work in jobs that require manual labour or extensive time outside and people experiencing homelessness are all target groups for the strategy and also identified as at-risk groups, in [Government guidance on hot weather and health](#). Education and income are both proposed as determinants of 'adaptive capacity', in a recent study climate change vulnerability at the local-authority level ([Mapping vulnerability to climate-related hazards to inform local authority action in adaptation: A feasibility study](#). Howkins et al., 2024).

Provide a summary of all impacts and mitigation/monitoring measures:

Direct carbon impact is expected to be moderate due to increased building energy use and transport emissions associated with staff and service users.

Impact is primarily indirect as a result of the programme increasing levels of economic activity and as a result delivering broader economic growth. Managing and mitigating the carbon impact of growth is outside the scope of this programme and will be reliant on wider policies and measures in place.

Supporting information:

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Please outline any research, data or information used to complete this Climate Impact Assessment.	N/A
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
Validation	Tracking Reference: CIA 454 Arthur King Principal Climate Change Officer