

Climate Impact Assessment, Appendix 3 Don Valley Corridor Programme

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?	Unknown		The partner's objectives for the programme include providing opportunities for redevelopment which move away from traditional heavy industries. An impact of this would be a reduction in emissions.	Mitigations will be developed on a scheme by scheme basis	Local area greenhouse gas emissions and total final energy consumption statistics are available for industrial and commercial energy users: a baseline specific to the Don Valley corridor may be available from a subset of these data.
Emissions from transport?	Unknown		Within the partner's objectives to 'Deliver Opportunities for Climate Resilience' and the DVC are Rotherham's plans to introduce a new mainline railway station and tram/train stop. This scheme has to potential to significantly reduce emissions through the provision of improved public transport systems	Mitigations will be developed on a scheme by scheme basis	SYMCA is leading the procurement of a revised, updated regional transport model, to replace SCRTM1. The updated model may provide a baseline against which to measure the expected transport carbon impacts of schemes within the programme.
Emissions from waste, or the quantity of waste itself?	Unknown				

Emissions from housing and domestic buildings?	Unknown		The DVC has the potential to deliver an additional 3,000 new homes. Climate impact and the potential to reduce emissions will be explored with developer partners during design phases.	Mitigations will be developed on a scheme by scheme basis.	Emissions from domestic energy use are available from local authority and regional greenhouse gas emissions statistics. The Future Home Standard is expected to cut emissions from new build homes by 75%, from a 2013 baseline.
Emissions from construction and/or development?	Increase	The programme will generate a significant volume of construction and therefore emissions will likely increase	Procurement of contractors will include provision to reduce emissions during these significant construction works.	Mitigations will be developed on a scheme by scheme basis	Contractors will be expected to undertake their own monitoring during the construction phase.
Carbon capture (e.g. through trees)?	Increase	The DVC is a significant programme of regeneration and key objectives are to reuse land and deliver climate resilience.	To comply with the partners aims carbon capture must be considered in the development of all projects.	Mitigations will be developed on a scheme by scheme basis	The Woodland Carbon Code may offer a template for estimating carbon captured by trees planted in connection with the programme.
Identify any emissions impacts associated with this decision which have not been covered by the above fields:					

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 partnership has agreed a number of strategic objectives in the development of the programme and in relation to climate change the following are relevant:

- Transformational Re-Use of Land - Large, underused sites are available for redevelopment, opportunities for transformation reuse. Large-scale opportunities for new housing and employment-led mixed-use development.
- Deliver Opportunities for Climate Resilience - Transformational redevelopment from a legacy of heavy industry through a sustainable approach to place-making. Positive impacts on health, environment through a future-proofed approach to regeneration.

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

This report provides detail to Cabinet on the establishment of the 'Don Valley Corridor' as a strategic economic growth initiative and Regeneration Programme for South Yorkshire. It sets out how the programme will be coordinated and how Rotherham Council will work with the South Yorkshire Mayoral Combined Authority (SYMCA) and Sheffield City Council (SCC) to jointly resource, collaborate and use a shared framework to prioritise, sequence and monitor activity within this Regeneration Programme.

Projects within the programme will be developed over the coming years: it is therefore difficult to assess the impact of the programme at this time and a general assumption is made that during the construction phases emissions will increase, however in the long run a positive impact will be generated.

Climate Assessments will be undertaken during the development of each individual project. For Rotherham Gateway this initial assessment has been undertaken during the completion of the Outline Business Case.

Supporting information:

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Please outline any research, data or information used to complete this Climate Impact Assessment.	The MCS Foundation. 2024. <i>Future Homes Savings: Modelling the running costs of new homes with renewables</i> . [Online]. [Accessed 9 March 2026]. Available from: <a href="https://mcsfoundation.org.uk/wp-content/uploads/2024/09/MCSF-Future-Homes-Savings-Report-FINAL.pdf">https://mcsfoundation.org.uk/wp-content/uploads/2024/09/MCSF-Future-Homes-Savings-Report-FINAL.pdf</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.	
Validation	Tracking Reference: CIA 610  Arthur King Principal Climate Change Officer