

Climate Change Impact Assessment Summary

Project/Proposal Name	Shared Care Record	Portfolio	People
Committee	Adult Health and Social Care	Lead Member	
Strategic Priority	Healthy Lives and Wellbeing for All	Lead Officer	Dominic Sleath
Date CIA Completed	15/05/24	CIA Author	Dominic Sleath
		Sign Off/Date	

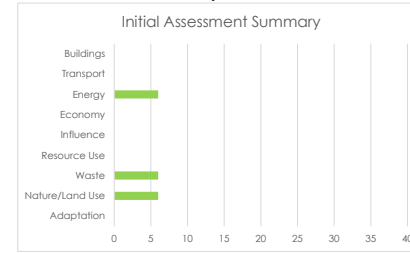
Project Description and CIA Assessment Summary

The Shared Care record links to the regional Yorkshire and Humber Care Record. It will eventually link to a national network of shared care records. The project consists of data Provision and date Consumption. The regional infrastructure is in place. The project will set up a web server and a database server. Setting up of infrastructure in the cloud uses virtual machines, so effectively uses hardware that already exists, though this potentially increases demand. However the power to run computing processes and the cooling of hardware can cause the generation of CO2. Microsoft claim that their Azure hostin platform is carbon neutral (by using renewable energy and carbon offsetting). They also claim tha they will be carbon negative by 2030 and aim to remove from the environment all the carbon the company has emitted either directly or by electrical consumption since it was founded in 1975. <https://blogs.microsoft.com/blog/2020/01/16/microsoft-will-be-carbon-negative-by-2030/> Carbon reduction benefits will be accrued by this project. For instance: reduction in duplication of medication, reduction of paper and postage with electronic access to information, reduction in transport needs for clients and organisations as fewer repeat visits / tests are required with an up to date view of client data.

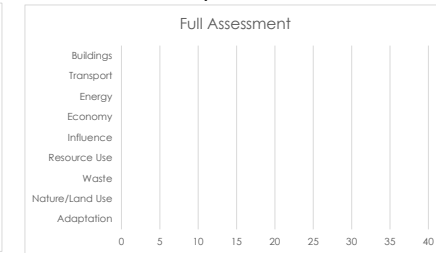
Rapid Assessment Does the project or proposal have an impact in the following areas? Select all those that apply. Only complete the sections you have selected here in the assessment.

Buildings and Infrastructure	No	Influence	No
Transport	No	Resource Use	No
Energy	Yes	Waste	Yes
Economy	No	Nature/Land Use	Yes
		Adaptation	No

Initial Assessment Summary



Full Assessment Summary



>=27	The project will increase the amount of CO2e released compared to before.
21-26	The project will maintain similar levels of CO2e emissions compared to before.
12-20	The project will achieve a moderate decrease in CO2e emissions compared to before.
3-11	The project will achieve a significant decrease in CO2e emissions compared to before.
0-2	The project can be considered to achieve net zero CO2e emissions.

[Chesterfield Borough Council Climate Impact Assessment Tool provided inspiration for this tool.](#)

Initial Assessment

Category	Impact	Description of Project Impact	Score
Buildings and Infrastructure	Construction	N/A	NA
	Use	N/A	NA
	Land use in development	N/A	NA
Transport	Demand Reduction	N/A	NA
	Decarbonisation of Transport	N/A	NA
	Public Transport	N/A	NA
	Increasing Active Travel	N/A	NA
Energy	Decarbonisation of Fuel	N/A	NA
	Demand Reduction/Efficiency Improvements	It is envisaged that the project will result in some efficiencies in terms of ways of working. Overall this could have a minor impact efficiency - i.e. more work done for power consumed, reduction in journeys. It is likely to be a slight benefit in the grand scheme of things.	6
	Increasing infrastructure for renewables generation	N/A	NA
Economy	Development of low carbon businesses		NA
	Increase in low carbon skills/training		NA
	Improved business sustainability		NA
Influence	Awareness Raising		NA
	Climate Leadership		NA
	Working with Stakeholders		NA
Resource Use	Water Use		NA
	Food and Drink		NA
	Products		NA
	Services		NA
Waste	Waste Reduction	It is likely that more information sharing will be done online rather than by paper.	6
	Waste Hierarchy		NA
	Circular Economy		NA
Nature/Land Use	Biodiversity		NA
	Carbon Storage	The infrastructure is hosted by Microsoft Azure. Azure is carbon neutral and aims to be carbon negative by 2030.	6
	Flood Management		NA
Adaptation	Exposure to climate change impacts		NA
	Vulnerable Groups		NA
	Just Transition		NA

10	The project will significantly increase the amount of CO2e released compared to before.
9	The project will increase the amount of CO2e released compared to before.
8	The project will maintain similar levels of CO2e emissions compared to before.
7	
6	
5	The project will achieve a moderate decrease in CO2e emissions compared to before.
4	
3	The project will achieve a significant decrease in CO2e emissions compared to before.
2	
1	The project can be considered to achieve net zero CO2e emissions.
0	
Carbon Negative	The project is actively removing CO2e from the atmosphere.



Full Assessment

Category	Impact	Description of Project Impact	Mitigation Measures	Mitigated Score	Procurement Action Required?	Proposed KPI/Measure
Buildings and Infrastructure	Construction					
	Use					
	Land use in development					
Transport	Demand Reduction					
	Decarbonisation of Transport					
	Public Transport					
	Increasing Active Travel					
Energy	Decarbonisation of Fuel					
	Demand Reduction/Efficiency Improvements					
	Increasing infrastructure for renewables generation					
Economy	Development of low carbon businesses					
	Increase in low carbon skills/training					
	Improved business sustainability					
Influence	Awareness Raising					
	Climate Leadership					
	Working with Stakeholders					
Resource Use	Water Use					
	Food and Drink					
	Products					
	Services					
Waste	Waste Reduction					
	Waste Hierarchy					
	Circular Economy					
Nature/Land Use	Biodiversity					
	Carbon Storage					
	Flood Management					
Adaptation	Exposure to climate change impacts					
	Vulnerable Groups					
	Just Transition					

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3	The project will achieve a significant decrease in CO2e emissions compared to before.
2	
1	
0	The project can be considered to achieve net zero CO2e emissions.
Carbon Negative	The project is actively removing CO2e from the atmosphere.



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