

Climate Change Impact Assessment Summary

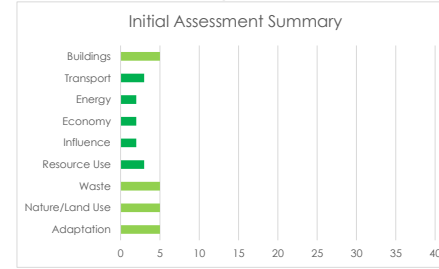
Project/Proposal Name	Council Plan 2024-28	Portfolio	Policy, Performance and Communications
Committee	Strategy and Resources	Lead Member	Cllr Tom Hunt
Strategic Priority		Lead Officer	James Henderson
Date CIA Completed	01/12/23	CIA Author	Deborah Glen
		Sign Off/Date	

Project Description and CIA Assessment Summary

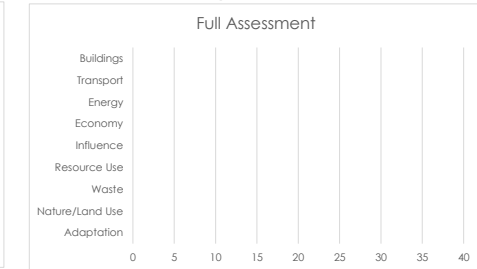
The Council Plan is written in the context of Sheffield City Council having declared climate and nature emergencies, and having a target to see both the city and council greenhouse gas emissions reduce to net zero by 2030, just two years after the lifetime this plan. Respect for the planet, including our ambitions to achieve net zero by 2030, is a key driver and is woven throughout the plan with a commitment to work towards creating a successful, accessible city which prospers while protecting the environment for future generations. The alignment with the Medium Term Financial Strategy and linking budget-setting to the outcomes should support the resourcing required to work towards achieving our targets. The Council Plan is a strategic document which sets out Sheffield City Council's ambitions with regard to all of its services. The document is organised around how it impacts on its three main objectives of People, Prosperity and Planet. This assessment shows how these ambitions under the heading of Planet will aim to reduce CO2 emissions via the delivery of a range of projects and services. The next stage of the planning process will be for each directorate to develop robust service plans, and how these plans will be evaluated in terms of performance and outcomes. This is the most appropriate stage for the development of full assessments. For the Plan as a whole, therefore an initial assessment only, has been completed.

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	Yes	Influence	Yes
Transport	Yes	Resource Use	Yes
Energy	Yes	Waste	Yes
Economy	Yes	Nature/Land Use	Yes
		Adaptation	Yes

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.

Initial Assessment

Category	Impact	Description of Project Impact	Score
Buildings and Infrastructure	Construction	Implementation of the Plan will result in more construction within the City - We will deliver the Heart of the City 2 development, transform Castlegate and Fargate, working with the private sector to finalise other key developments. We'll lead the continuing reimagining of our city centre with new neighbourhoods, high streets and spaces for a growing city and enable the delivery of 20,000 new homes in the city centre, creating real communities and a dense urban centre to attract business and investment. We are seeking to have high sustainability standards in the construction that we undertake, with Heart of the City having minimum standards of BREEAM Very Good, and our draft Local Plan will also increase standards for building.	5
	Use	More homes for a sustainably growing city with choice, quality and affordability across Sheffield. The Central Library and Graves Gallery is one of the cultural jewels of our city, and its future has been uncertain for too long; we will set out a credible plan for securing the future of this beautiful building and set out a vision for its future and for a 21st Century central library service. Using retrofit, decarbonisation and green energy as a route to tackling cold, damp homes and fuel poverty. Individual projects will need to provide a detailed CIA which will include mitigation proposals.	
	Land use in development	More homes for a sustainably growing city with choice, quality and affordability across Sheffield	

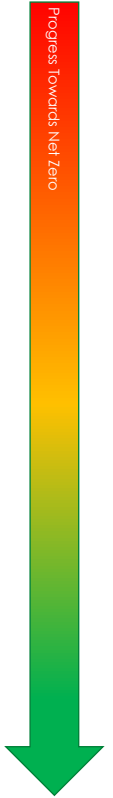
Transport	Demand Reduction		
	Decarbonisation of Transport	We will continue to develop our active travel network and we will develop proposals to expand our trams to make the daily commute easier and ensure that our low-carbon, mass transit system reaches more parts of the city.	3
	Public Transport	We will work with the Mayor of South Yorkshire to develop a bus network that matches our ambitions for our growing city and makes buses an easy and green choice for more people	
	Increasing Active Travel	We will work with partners to ensure they are safe places for all residents, and to create more and safer options for people to move around, providing choices that support walking, wheeling and cycling	

Energy	Decarbonisation of Fuel	using retrofit, decarbonisation and green energy as a route to tackling cold, damp homes and fuel poverty.	2
	Demand Reduction/Efficiency Improvements	using retrofit, decarbonisation and green energy as a route to tackling cold, damp homes and fuel poverty.	
	Increasing infrastructure for renewables generation		

Economy	Development of low carbon businesses	We will work with business, making the most of our world class sectors to create the ecosystem for new business to thrive	2
	Increase in low carbon skills/training	It is also an opportunity: for new jobs, skills and careers in low carbon industries, retrofitting homes and infrastructure; for using our ingenuity and maker expertise to build new industries; for better, more affordable ways of heating our homes, getting around the city and removing proven risks to our health.	
	Improved business sustainability	We need to be making the most of our leading sectors, the move to a low carbon economy, new investment, and new developments to create opportunities for people in every part of Sheffield. We will work with businesses in the foundational economy to prosper and grow in the emerging green economy.	

Influence	Awareness Raising	We will be a leader in the transition to a net zero city economy, taking the opportunity to reduce the climate impact of our homes, businesses, our energy sources and how we travel to transform our city. We will lead by example as a council, aiming to reduce our carbon emissions by 95% by 2030 and work with partners to secure external investment to drive our transition and create new green economic opportunities.	2
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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	The project will achieve a moderate decrease in CO2e emissions compared to before.
5	
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.



	Climate Leadership	"Planet" is one of the three key policy drivers for the Council Plan and is woven throughout. At this time of transition to a net zero economy and society, we have the assets and abilities to be at the forefront of driving positive change again. We are the Outdoor City and as we continue to grow and prosper, we must protect and invest in our unique environment and minimise our climate impact.	
	Working with Stakeholders	a just transition to net zero which maximises the opportunities for our city must involve everyone. Climate change is the biggest long-term risk to Sheffielders' health and wellbeing and we can build resilience by working together in our communities.	

Resource Use	Water Use		
	Food and Drink		
	Products	a successful, accessible city which prospers while protecting the environment for future generations. We have an opportunity to play a leading role in a just transition to a low carbon future for Sheffield, with a growing green economy; respecting our Outdoor City and treating our planet well; creating a sustainable future with communities. There will be an increase in manufacturing of utilities and products required for future low carbon energy projects. Procurement should be used to ensure products are sourced ethically and have the lowest embedded CO2e emissions	3
	Services	a successful, accessible city which prospers while protecting the environment for future generations. We have an opportunity to play a leading role in a just transition to a low carbon future for Sheffield, with a growing green economy; respecting our Outdoor City and treating our planet well; creating a sustainable future with communities. Future low carbon energy supplies and associated services will lead to decarbonisation compared to existing electricity and gas infrastructure	

Waste	Waste Reduction	Our neighbourhoods will meet high standards around clean and well-maintained streets and on waste and recycling.	5
	Waste Hierarchy	Construction waste impacts will be considered at project level	
	Circular Economy	Construction waste impacts will be considered at project level	

Nature/Land Use	Biodiversity	Our parks and green spaces should be safe, welcoming, fit for purpose and we will work towards all parks reaching the Sheffield Standard by 2030. We will work with communities to keep our parks and green spaces financially and ecologically sustainable for the long term, championing, caring for and protecting the ecology and biodiversity of our city	5
	Carbon Storage	Any land based energy infrastructure projects will be developed opportunities for carbon sequestration.	
	Flood Management	Infrastructure projects will need to consider any flood risks	

Adaptation	Exposure to climate change impacts	Energy infrastructure needs to be resilient for future climate impacts and the future energy needs of the city need to be based on future climate e.g. district heating needs to also consider future cooling needs.	
	Vulnerable Groups	We will work with partners to keep vulnerable people safe, shift resources to provision that supports people to be healthy and ensure services are accessible to all.	5
	Just Transition	We are the Outdoor City and as we continue to grow and prosper, we must protect and invest in our unique environment and minimise our climate impact. projects and programmes will support low carbon skills, jobs and supply chains	

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