

Initial Assessment

Category	Impact	Description of Project Impact	Score
Buildings and Infrastructure	Construction	Successful delivery of the City Goals, particularly those related to the 'Creative and Entrepreneurial' story has the potential to result in more construction as a consequence of a growing economy. However, the City Goals also include the commitment to 'adapt our economy and city to a changing climate, restore our relationship with nature and safeguard it for future generations, while ensuring a just transition for people of all abilities'. (Goal 4). Goal 5 also commits to 'foster and grow business, organisations and local initiatives that look after people, place and planet' and lead the way on decarbonisation, re-use and rewilding of nature'. Therefore potential impacts of new construction could be at least be partially mitigated by high sustainability standards on new development and reuse of existing buildings.	Unknown
	Use	The City Goals does not include this level of detail on building use, although with 'Green and Resilient Sheffield' being one of the six 'stories' underpinning the Goals and commitments to reuse (Goal 5) it is unlikely the impact would significantly increase CO2e.	Unknown
	Land use in development	The City Goals include commitments on decarbonisation and, re-use and rewilding (Goal 5), working with nature to create better, more resilient places and communities (Goal 4), and making sure everyone has good access to people, culture, nature and services no matter where they live (Goal 10). Delivering these goals would result in decrease in CO2e.	Unknown
Transport	Demand Reduction	The City Goals do not directly address reduction in transport demand. Goal 11, that "everyone is able to safely and easily move around our neighbourhoods, across our city and out into the wider world" has the potential to have either positive or negative impacts for decarbonisation depending on how it is interpreted and implemented: decarbonising the transport system requires reducing the number of car journeys, as well as those journeys that do take place being taken in vehicles run without fossil fuels. However, increasing travel by public transport and making walking, cycling and wheeling easier and safer will increase transport options for all. Goal 11 also states that "we make long-term decisions that address the economic, ecological and social crises we face and create opportunities for everyone to contribute to the city's present and future." Whilst the City Goals do not directly address decarbonisation of fuel, Goal 16 should influence decisions relating to fuel choices.	Unknown
	Decarbonisation of Transport	As above on 'Demand Reduction'	Unknown
	Public Transport	As above on 'Demand Reduction'	Unknown
	Increasing Active Travel	As above on 'Demand Reduction'	Unknown
Energy	Decarbonisation of Fuel	Goal 16 states that "we make long-term decisions that address the economic, ecological and social crises we face and create opportunities for everyone to contribute to the city's present and future." Whilst the City Goals do not directly address decarbonisation of fuel, Goal 16 should influence decisions relating to fuel choices.	Unknown
	Demand Reduction/Efficiency Improvements	As above on 'Decarbonisation of Fuel'	Unknown
	Increasing Infrastructure for renewables generation	Goal 12 references the city having the 'physical infrastructure we need to work together to solve shared problems' which has the potential to link to infrastructure for renewables generation.	Unknown
Economy	Development of low carbon businesses	Goal 5 commits Sheffield to 'foster and grow business, organisations and local initiatives that look after people, place and planet' and lead the way on decarbonisation, re-use and rewilding of nature'. This Goal would actively support the development of low carbon businesses. Goal 12 ('We have access to the digital and physical infrastructure we need to work together to solve shared problems and make positive and healthy	Unknown
	Increase in low carbon skills/training	Goal 2 states that Sheffield will have the education, training, skills and resources we need to pursue our curiosity and develop new ideas for the benefit of ourselves, others and Sheffield's reputation regionally, nationally and globally. Aligned with the other Goal commitments to having a 'Green and Resilient Sheffield' and 'A Sheffield for All Generations', this is likely to have positive impact on low carbon skills and training.	Unknown
	Improved business sustainability	See above on 'Development of low carbon businesses'. Goal 5 would support decarbonisation of all businesses as well as low-carbon businesses specifically.	Unknown
Influence	Awareness Raising	Under 'A Green and Resilient Sheffield' Goal 6 refers to supporting communities so they can better understand and act on the challenges they face. Successfully achieving this goal would require awareness raising of the impacts of climate change and the options communities face.	Unknown
	Climate Leadership	The city's role in climate leadership is acknowledged in two of the City Goals. Goal 5 includes a commitment to 'lead the way on decarbonisation'. Goal 16 refers to making 'long-term decisions that address the economic, ecological and social crises we face'. The City Goals have the potential to positively contribute to the city's climate leadership.	Unknown
	Working with Stakeholders	The City Goals have been a collaborative project involving many partners across the city. The project has been overseen by a working group made up of stakeholders from different sectors and has involved extensive community engagement and co-design, including two phases of public engagement. Moving forward, it has become clear that that we will need to work together differently in order to deliver the Goals. The Goals are a new platform upon which the city can build a collective response to challenges, including the climate challenge.	Unknown
Resource Use	Water Use	The City Goals do not directly address water use.	NA
	Food and Drink	The City Goals do not directly address food and drink.	NA
	Products	The City Goals do not directly address products.	NA
	Services	The City Goals do not directly address services (in terms of resource use).	NA
Waste	Waste Reduction	The City Goals do not directly address waste reduction.	NA
	Waste Hierarchy	The City Goals do not directly address waste hierarchy.	NA
	Circular Economy	The City Goals do not directly address the circular economy.	NA
Nature/Land Use	Biodiversity	Under the 'Green and Resilient' set of Goals, the role of and importance of nature is mentioned across Goal 4, 5 and 6 linked to climate adaptation, wellbeing and mental health. The successful delivery of these Goals would have a positive impact on biodiversity.	Unknown
	Carbon Storage	The City Goals do not directly address carbon storage	NA
	Flood Management	The City Goals do not directly address flood management, although Goal 4 and Goal 16 would potentially influence decision-making about factors related to flood management.	Unknown
Adaptation	Exposure to climate change impacts	The Goals under 'Green and Resilient Sheffield' all refer to climate change impacts: Goal 4 states that Sheffield will 'adapt our economy and city to a changing climate'. By acknowledging the current risks of climate change and need to act urgently, these Goals have the potential to galvanise the city's collective efforts to addressing climate impacts.	Unknown
	Vulnerable Groups	Goal 8 refers to being able to 'shape our city around fairness, equity, wellbeing and combating poverty'. This would include how the city responds to the climate challenge and adaptation and how it protects groups particularly vulnerable to the impacts of climate change.	Unknown
	Just Transition	Goal 4 directly refers to a 'just transition for people of all abilities' and Goal 6 refers to creating 'better, more resilient	Unknown

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	The project will achieve a significant decrease in CO2e emissions compared to before.
3	
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.

This page is intentionally left blank