

### Climate Change Impact Assessment Summary

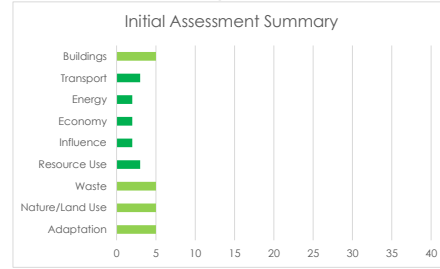
|                              |                        |                      |  |
|------------------------------|------------------------|----------------------|--|
| <b>Project/Proposal Name</b> | Council Plan 2024-28   | <b>Portfolio</b>     | Policy, Performance and Communications |
| <b>Committee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

**Project Description and CIA Assessment Summary**

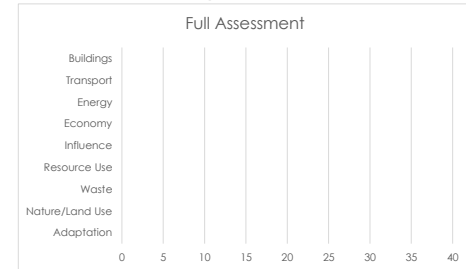
The Council Plan is written in the context of Sheffield City Council having declared climate and nature emergencies, and having a target to see both the city and council greenhouse gas emissions reduce to net zero by 2030, just two years after the lifetime this plan. Respect for the planet, including 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.

|                                     |   |                        |     |
|-------------------------------------|---|------------------------|-----|
| <b>Rapid Assessment</b>             | 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. |                        |     |
| <b>Buildings and Infrastructure</b> | Yes   | <b>Influence</b>       | Yes |
| <b>Transport</b>                    | Yes   | <b>Resource Use</b>    | Yes |
| <b>Energy</b>                       | Yes   | <b>Waste</b>           | Yes |
| <b>Economy</b>                      | Yes   | <b>Nature/Land Use</b> | Yes |
|                                     |   | <b>Adaptation</b>      | Yes |

### Initial Assessment Summary



### Full Assessment Summary



|                |   |
|----------------|---|
| <b>&gt;=27</b> | The project will increase the amount of CO2e released compared to before.             |
| <b>21-26</b>   | The project will maintain similar levels of CO2e emissions compared to before.        |
| <b>12-20</b>   | The project will achieve a moderate decrease in CO2e emissions compared to before.    |
| <b>3-11</b>    | The project will achieve a significant decrease in CO2e emissions compared to before. |
| <b>0-2</b>     | 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   |       |

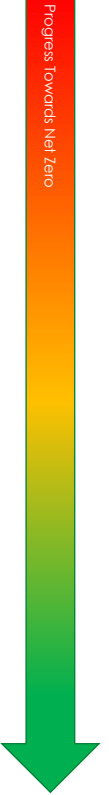
|           |                              |  |   |
|-----------|------------------------------|--|---|
| Transport | Demand Reduction             |  |   |
|           | Decarbonisation of Transport | We will continue to develop our active travel network and we will develop proposals to expand our trams 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 |
|-----------|-------------------|--|---|

|                 |   |
|-----------------|---|
| 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.                              |



|  |                                  |   |  |
|--|----------------------------------|---|--|
|  | <b>Climate Leadership</b>        | "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. |  |
|  | <b>Working with Stakeholders</b> | 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.  |  |

|                     |                       |   |   |
|---------------------|-----------------------|---|---|
| <b>Resource Use</b> | <b>Water Use</b>      |   |   |
|                     | <b>Food and Drink</b> |   |   |
|                     | <b>Products</b>       | 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 |
|                     | <b>Services</b>       | 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   |   |

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

|                        |                         |  |   |
|------------------------|-------------------------|--|---|
| <b>Nature/Land Use</b> | <b>Biodiversity</b>     | 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 |
|                        | <b>Carbon Storage</b>   | Any land based energy infrastructure projects will be developed opportunities for carbon sequestration.  |   |
|                        | <b>Flood Management</b> | Infrastructure projects will need to consider any flood risks  |   |

|                   |   |  |   |
|-------------------|---|--|---|
| <b>Adaptation</b> | <b>Exposure to climate change impacts</b> | 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.                 |   |
|                   | <b>Vulnerable Groups</b>                  | 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 |
|                   | <b>Just Transition</b>                    | 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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