

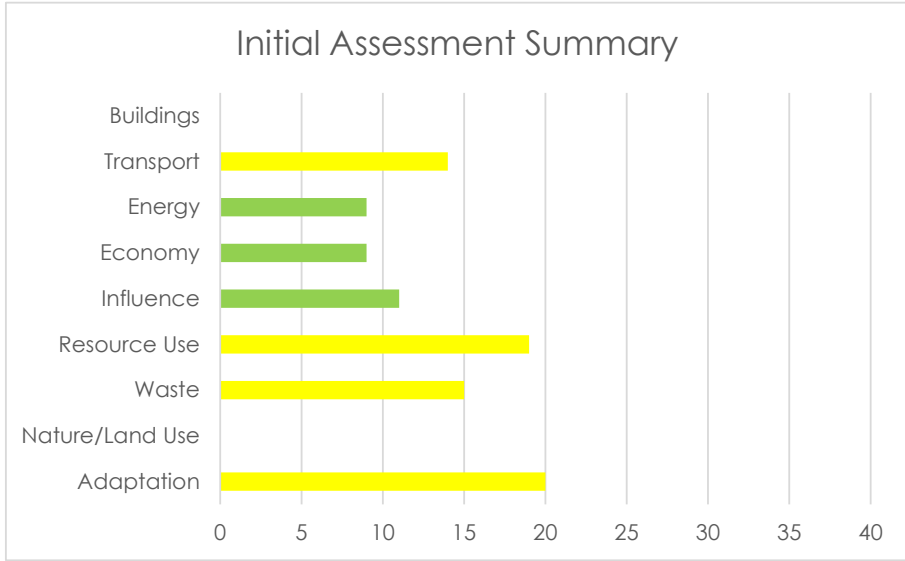
Climate Change Impact Assessment Summary

Project/Proposal Name	UKSPF Business Support Projects	Portfolio	City Futures
Committee	Economic Development and Skills	Lead Member	Martin Smith
Strategic Priority	Clean Economic Growth	Lead Officer	Kate Martin
Date CIA Completed	07/02/23	CIA Author	Jessica Rick
		Sign Off/Date	07/02/23

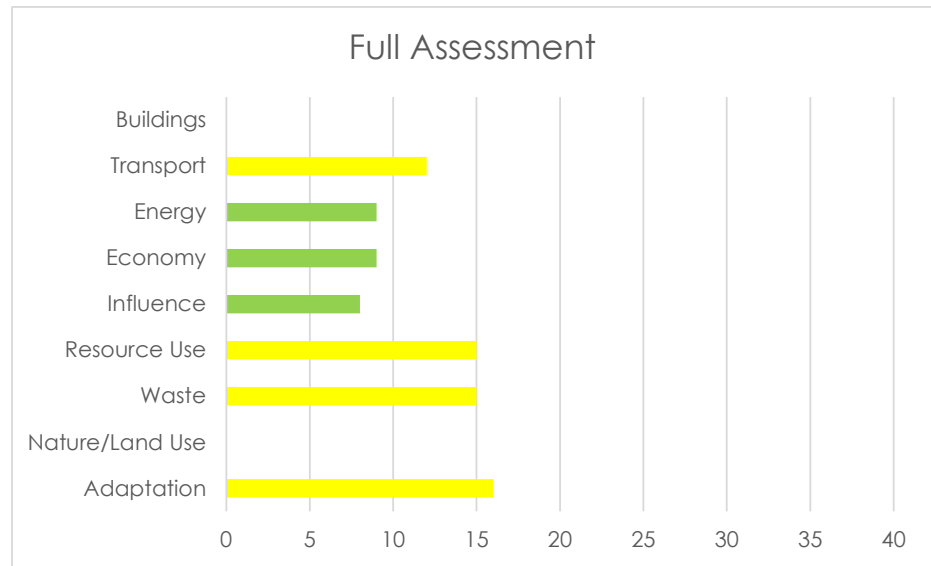
Page 69	<p>Project Description and CIA Assessment Summary</p> <p>£4.55 million of UKSPF revenue funding is used to provide business support to Sheffield businesses through the following four key projects –</p> <ul style="list-style-type: none"> •Launchpad – £850,000 UKSPF revenue funding for start-up and early stage business support including workshop programme, specialist advisor 1-2-1 support and a small grants programme for start up businesses. •Productivity and digital innovation grants – £2.1 million UKSPF revenue funding for SME's to access grants to support productivity gains and digital adoption in the business. •Low carbon – £1.3 million UKSPF revenue funding used to provide sustainability audits and grants to improve the energy efficiency, reduce carbon consumption of Sheffield SME businesses. •RISE – £300,000 UKSPF revenue funding to provide graduate jobs in Sheffield SME's, partnership programme with both Sheffield Hallam University and University of Sheffield. <p>The four programmes will be able to make a substantial contribution to reducing carbon emissions from SME's in Sheffield. Whilst the low carbon programme has a full focus on carbon reduction, the other 3 programmes may also contribute to emissions reductions through digital innovation and efficiency improvements. All 4 programmes are likely to have positive climate benefits in the areas of energy use, economy and influence, and also support businesses to better manage other areas of impact such as transport, resource use and waste.</p>
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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	Yes
Transport	Yes	Resource Use	Yes
Energy	Yes	Waste	Yes
Economy		Nature/Land Use	No
		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.

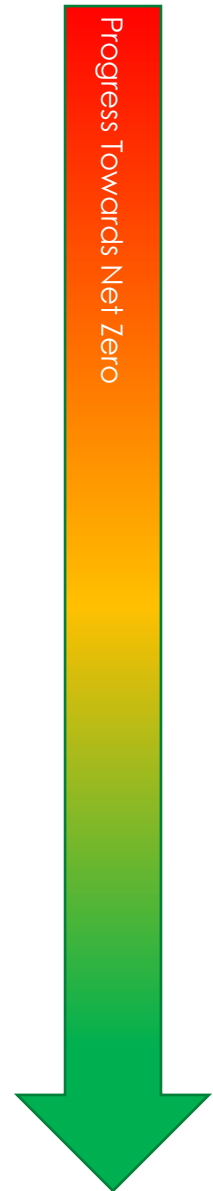
Initial Assessment

Category	Impact	Description of Project Impact	Score
Buildings and Infrastructure	Construction	N/A	NA
	Use	N/A	NA
	Land use in development	N/A	NA
Transport	Demand Reduction	The projects will involve the need to travel to client sites on occasion.	7
	Decarbonisation of Transport	As above - the project will result in increased transport which is likely to be fossil fuel powered.	7
	Public Transport	N/A	NA
	Increasing Active Travel	N/A	NA
Energy	Decarbonisation of Fuel	The remit of the low carbon project is to provide sustainability advice for SME's, make recommendations for carbon reductions and provide grant funding support for the implementation of recommendations. Recommendations may include measures to decarbonise fuel such as replacing gas boilers with heat pumps for space heating, or investigating connection to a heat network.	3
	Demand Reduction/Efficiency Improvements	As above - the remit of the low carbon project is to identify carbon savings and provide support to implement these, this will include efficiency measures such as LED lighting, heating and cooling controls, process efficiencies, improved monitoring and reporting etc. Productivity grants and digital innovation grants may also deliver energy efficiencies if they contribute to wider process efficiency or innovative service delivery methods.	3
	Increasing infrastructure for renewables generation	As above - the remit of the low carbon project is to identify carbon savings and provide support to implement these, this may include installation of renewables.	3
Economy	Development of low carbon businesses	The programme will provide a block of work for sustainability/energy consultancy businesses in the framework, as well as work for suppliers/installers of recommended works at the grant stage. This allows low carbon businesses to plan with a degree of certainty of work in the pipeline. Some of the businesses assisted may also be low carbon businesses. This is also try of the other 3 programmes which may support low carbon start up or provide digital solutions which support net zero.	3
	Increase in low carbon skills/training	As above, advisers and potentially suppliers/installers of grant funded carbon reduction measures will benefit from a block of work through which they can further training within their own organisations. The businesses receiving support will also benefit from softer engagement/support measures which may include carbon literacy training or other related skills development. There may also be elements of basic sustainability/carbon training included in the Launchpad workshop series. Low carbon businesses may benefit from the recruitment of a RISE graduate.	3
	Improved business sustainability	The remit of the low carbon project is to assist all types of SME's reduce carbon in their operations. Support given to businesses via the launchpad, productivity and digital grants programmes may also support low carbon activity - an increasing number of start ups want to include sustainability principles in their businesses and many digital and productivity innovations also have sustainability benefits. RISE programme could assist low carbon businesses struggling to recruit, and raise awareness amongst graduates of opportunities in the green economy.	3
Influence	Awareness Raising	All four project areas will increase awareness of low carbon opportunities at participating businesses. For example the launchpad workshop series could include a sustainability session, digital innovation programme could increase awareness of better carbon data gathering and management tools. The low carbon project will produce numerous case studies of how SME's have benefitted and reduced their carbon emissions which can be used in future communications and to leverage future funds.	5
	Climate Leadership	N/A	NA
	Working with Stakeholders	The projects expand the number of SME's we are engaging with and also offers opportunities for cross service working with S&CC team in areas such as district heating, community renewables and transport strategy, and partnership working across the 4 LA's.	6

Category	Impact	Description of Project Impact	Score
Resource Use	Water Use	The low carbon project will address wider sustainability issues including water usage which has a carbon impact due to the supply of clean water and treatment of wastewater. Opportunities for water savings could be identified as part of engagement with businesses.	5
	Food and Drink		NA
	Products	Where recommendations in the projects are taken forward to a grant, products will be procured to implement the recommended measures. There is nothing in the project specification that sets out requirements for the procurement of these products in terms of minimising climate impacts, but many of the grants (in particular the low carbon grants) will be for the purpose of reducing carbon emissions.	7
	Services	As above - where recommendations are taken forward to a grant, services will be procured to implement the recommended measures. There is nothing in the project specification that sets out requirements for the procurement of these services in terms of minimising climate impacts.	7
Waste	Waste Reduction	The low carbon project will address wider sustainability issues including waste production, which has a carbon impact due to the treatment and disposal of waste. Opportunities for waste reduction could be identified as part of engagement with businesses.	5
	Waste Hierarchy	As above	5
	Circular Economy	As above	5
Nature/Land Use	Biodiversity		NA
	Carbon Storage		NA
	Flood Management		NA
Adaptation	Exposure to climate change impacts	The SME's supported will benefit from increased awareness of measures they can take to mitigate their risks from climate impacts, including future proofing from energy price risk, in particular where recommendations are taken forward to a grant and implemented. Awareness of climate change implications is an increasingly important part of general business advice and therefore sustainability advice could be integrated into the offer for the other programmes as well.	6
	Vulnerable Groups	The remit of the project is to support SME's with no specific target groups, although efforts will be made to ensure the programmes are widely promoted across the city.	7
	Just Transition	The remit of the project is to support SME's with no specific target groups, although efforts will be made to ensure the programmes are widely promoted across the city.	7

Initial Assessment

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	
0	The project can be considered to achieve net zero CO2e emissions.
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	N/A		NA		
	Use	N/A		NA		
	Land use in development	N/A		NA		
Transport	Demand Reduction	The projects will involve the need to travel to client sites on occasion.	The programmes aim to use local consultants and advisors in order to minimise travel, but it is not always possible. All consultants and advisors will be asked to consider their travel options, use public transport or electric vehicles where possible and combine visits to minimise travel.	6		
	Decarbonisation of Transport	As above - the project will result in increased transport which is likely to be fossil fuel powered.	As above.	6		
	Public Transport	N/A		NA		
	Increasing Active Travel	N/A		NA		
Energy	Decarbonisation of Fuel	The remit of the low carbon project is to provide sustainability advice for SME's, make recommendations for carbon reductions and provide grant funding support for the implementation of recommendations. Recommendations may include measures to decarbonise fuel such as replacing gas boilers with heat pumps for space heating, or investigating connection to a heat network.	No further measures specified - where CO2 emissions reduction measures are specified, the carbon savings will be recorded where measurable.	3		
	Demand Reduction/Efficiency Improvements	As above - the remit of the low carbon project is to identify carbon savings and provide support to implement these, this will include efficiency measures such as LED lighting, heating and cooling controls, process efficiencies, improved monitoring and reporting etc. Productivity grants and digital innovation grants may also deliver energy efficiencies if they contribute to wider process efficiency or innovative service delivery methods.	No further measures specified - where CO2 emissions reduction measures are specified, the carbon savings will be recorded where measurable.	3		
	Increasing infrastructure for renewables generation	As above - the remit of the low carbon project is to identify carbon savings and provide support to implement these, this may include installation of renewables.	No further measures specified - where CO2 emissions reduction measures are specified, the carbon savings will be recorded where measurable.	3		

Category	Impact	Description of Project Impact	Mitigation Measures	Mitigated Score	Procurement Action Required?	Proposed KPI/Measure
Economy	Development of low carbon businesses	The programme will provide a block of work for sustainability/energy consultancy businesses in the framework, as well as work for suppliers/installers of recommended works at the grant stage. The lack of supply chain capacity was an identified issue on the previous low carbon programme, and it is hoped that an assured pipeline of work will encourage more businesses into the market. This allows low carbon businesses to plan with a degree of certainty of work in the pipeline. Some of the businesses assisted may also be low carbon businesses. This is also try of the other 3 programmes which may support low carbon start up or provide digital solutions which support net zero.	No further measures specified.	3		
Page 75	Increase in low carbon skills/training	As above, advisers and potentially suppliers/installers of grant funded carbon reduction measures will benefit from a block of work through which they can further training within their own organisations. The businesses receiving support will also benefit from softer engagement/support measures which may include carbon literacy training or other related skills development. There may also be elements of basic sustainability/carbon training included in the Launchpad workshop series. Low carbon businesses may benefit from the recruitment of a RISE graduate.	No further measures specified.	3		
	Improved business sustainability	The remit of the low carbon project is to assist all types of SME's reduce carbon in their operations. Support given to businesses via the launchpad, productivity and digital grants programmes may also support low carbon activity - an increasing number of start ups want to include sustainability principles in their businesses and many digital and productivity innovations also have sustainability benefits. RISE programme could assist low carbon businesses struggling to recruit, and raise awareness amongst graduates of opportunities in the green economy.	No further measures specified.	3		

Category	Impact	Description of Project Impact	Mitigation Measures	Mitigated Score	Procurement Action Required?	Proposed KPI/Measure
Influence	Awareness Raising	All four project areas will increase awareness of low carbon opportunities at participating businesses. For example the launchpad workshop series could include a sustainability session, digital innovation programme could increase awareness of better carbon data gathering and management tools. The low carbon project will produce numerous case studies of how SME's have benefitted and reduced their carbon emissions which can be used in future communications and to leverage future funds.	Ensure thorough data capture and case study development throughout the project and a forward plan for using this as a resource.	4		
	Climate Leadership	N/A	No further measures specified.	NA		
	Working with Stakeholders	The projects expand the number of SME's we are engaging with and also offers opportunities for cross service working with S&CC team in areas such as district heating, community renewables and transport strategy, and partnership working across the 4 LA's.	Ensure contacts made with SME's are not lost and that a plan is put in place with Business Sheffield for ongoing support/contact.	4		
Resource Use	Water Use	The low carbon project will address wider sustainability issues including water usage which has a carbon impact due to the supply of clean water and treatment of wastewater. Opportunities for water savings could be identified as part of engagement with businesses.	No further measures specified.	5		
	Food and Drink			NA		
	Products	Where recommendations in the projects are taken forward to a grant, products will be procured to implement the recommended measures. There is nothing in the project specification that sets out requirements for the procurement of these products in terms of minimising climate impacts, but many of the grants (in particular the low carbon grants) will be for the purpose of reducing carbon emissions.	Set requirements in procurement strategy for recommended measures that products should be low impact - many will be intrinsically (e.g. LED lights) but consideration could be given to environmental product accreditations for measures such as insulation.	5		
	Services	As above - where recommendations are taken forward to a grant, services will be procured to implement the recommended measures. There is nothing in the project specification that sets out requirements for the procurement of these services in terms of minimising climate impacts.	As above - set requirements in procurement strategy for recommended measures that suppliers should meet best practise in terms of environmental management in the provision of their services.	5		

Category	Impact	Description of Project Impact	Mitigation Measures	Mitigated Score	Procurement Action Required?	Proposed KPI/Measure
Waste	Waste Reduction	The low carbon project will address wider sustainability issues including waste production, which has a carbon impact due to the treatment and disposal of waste. Opportunities for waste reduction could be identified as part of engagement with businesses.	No further measures specified.	5		
	Waste Hierarchy	As above	No further measures specified.	5		
	Circular Economy	As above	No further measures specified.	5		
Nature/Land Use	Biodiversity			NA		
	Carbon Storage			NA		
	Flood Management			NA		
Adaptation	Exposure to climate change impacts	The SME's supported will benefit from increased awareness of measures they can take to mitigate their risks from climate impacts, including future proofing from energy price risk, in particular where recommendations are taken forward to a grant and implemented. Awareness of climate change implications is an increasingly important part of general business advice and therefore sustainability advice could be integrated into the offer for the other programmes as well.	No further measures specified.	6		
	Vulnerable Groups	The remit of the project is to support SME's with no specific target groups, although efforts will be made to ensure the programmes are widely promoted across the city.	Use Business Sheffield network of Information Officers to ensure that uptake of the programme is maximised in more deprived areas of the City.	5		
	Just Transition	The remit of the project is to support SME's with no specific target groups, although efforts will be made to ensure the programmes are widely promoted across the city.	Use Business Sheffield network of Information Officers to ensure that uptake of the programme is maximised in more deprived areas of the City.	5		

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Carbon Negative	The project is actively removing CO2e from the atmosphere.

