Appendix C

i) Climate change impact assessment for Knaresborough Wellbeing Hub project

The purpose of this assessment is to help us understand the likely impacts of our decisions on the environment of North Yorkshire and on our aspiration to achieve net carbon neutrality by 2030, or as close to that date as possible. The intention is to mitigate negative effects and identify projects which will have positive effects.

This document should be completed in consultation with the supporting guidance. The final document will be published as part of the decision making process and should be written in Plain English.

If you have any additional queries which are not covered by the guidance please email climatechange@northyorks.gov.uk

Please note: You may not need to undertake this assessment if your proposal will be subject to any of the following:
Planning Permission
Environmental Impact Assessment
Strategic Environmental Assessment

However, you will still need to summarise your findings in the summary section of the form below.

Please contact climatechange@northyorks.gov.uk for advice.

Title of proposal	Decarbonising the Knaresborough Wellbeing Hub and creating green energy
Brief description of proposal	To seek approval from the Area Constituency Committee Members to agree to spend £20,000 of the Economic, Regeneration, Tourism and Transport Project Development Project to contribute to a project that seeks to reduce the carbon footprint of the Knaresborough Wellbeing Hub (The Hub) by updating its infrastructure and installing solar panels and EV chargers.
Directorate	Resources
Service area	Property Services
Lead officer	Vincent van der Meulen
Names and roles of other people involved in carrying out the impact assessment	Rebecca Micallef, Economy Officer – supporting the Area Constituency Committee in Harrogate & Knaresborough with their Economic, Regeneration, Tourism and Transport Project Development Fund.

	Ollie Braithwaite, Climate Change Business Partner.
Date impact assessment started	20.05.24

Options appraisal

Were any other options considered in trying to achieve the aim of this project? If so, please give brief details and explain why alternative options were not progressed.

It is envisaged that some of the 'fabric first' works will be funded by the ACC Fund to support the delivery of this key project that seeks to increase energy efficiency and provide low carbon energy at Knaresborough Wellbeing Hub, an important community asset for the local area. It would be inefficient to install PV panels in isolation and so fabric improvements are being proposed in order to reduce the energy demand of the building and improve its EPC rating.

What impact will this proposal have on council budgets? Will it be cost neutral, have increased cost or reduce costs?

Please explain briefly why this will be the result, detailing estimated savings or costs where this is possible.

The building and larger site area is owned by Knaresborough Town Council but the building is on a long lease to NYC who have the responsibility for the buildings maintenance. It is managed by Brimhams.

NYC Property Services are currently reviewing existing condition surveys to understand the detail of the scope of works and to confirm costs and timescales. It is expected that some elements of the works can be financed from their maintenance budget but that an additional contribution from the ACC fund will add value and encourage further investment by highlighting this project as a priority for the Knaresborough community. It will also help to unlock up to £50,000 from the UKSPF Community Climate Action Grant Programme.

The proposal will increase the energy efficiency of the building, reduce energy demand and provide low carbon energy which will all create long-term savings on energy costs.

How will this proposal impact on the environment? **N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.**		**Positive impact** (Place a X in the box below where relevant)	**No impact** (Place a X in the box below where relevant)	**Negative impact** (Place a X in the box below where relevant)	**Explain why will it have this effect and over what timescale?** **Where possible/relevant please include:** • **Changes over and above business as usual** • **Evidence or measurement of effect** • **Figures for CO_2e** • **Links to relevant documents**	**Explain how you plan to mitigate any negative impacts.**	**Explain how you plan to improve any positive outcomes as far as possible.**
Minimise **greenhouse gas emissions** e.g. reducing emissions from travel, increasing energy efficiencies etc.	Emissions from travel		x				
	Emissions from construction		x				
	Emissions from running of buildings	x			The project will increase the energy efficiency of the building, reduce energy demand and provide low carbon energy from solar panels.	NA	A battery will be installed to store excess energy for use within the building and to support new EV charging points. The Hub will provide a benchmark in the local area to encourage local residents and businesses to take climate responsible action.
	Emissions from data storage		x				
	Other		x				

How will this proposal impact on the environment? **N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.**	**Positive impact** (Place a X in the box below where relevant)	**No impact** (Place a X in the box below where relevant)	**Negative impact** (Place a X in the box below where relevant)	**Explain why will it have this effect and over what timescale?** **Where possible/relevant please include:** • **Changes over and above business as usual** • **Evidence or measurement of effect** • **Figures for CO_2e** • **Links to relevant documents**	**Explain how you plan to mitigate any negative impacts.**	**Explain how you plan to improve any positive outcomes as far as possible.**
Minimise **waste:** Reduce, reuse, recycle and compost e.g. reducing use of single use plastic		x				
Reduce **water** consumption		x				
Minimise **pollution** (including air, land, water, light and noise)	x			The project will reduce the energy demand of the building and improve its EPC rating, making the property easier to heat and healthier to be in. This, along with the introduction of solar panels and EV charging points to reduce reliance on fossil fuels will all reduce air pollution.	NA	As above.
Ensure **resilience** to the effects of climate change e.g. reducing flood risk, mitigating effects of drier, hotter summers		x				

How will this proposal impact on the environment? **N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.**	**Positive impact** (Place a X in the box below where relevant)	**No impact** (Place a X in the box below where relevant)	**Negative impact** (Place a X in the box below where relevant)	**Explain why will it have this effect and over what timescale?** **Where possible/relevant please include:** • **Changes over and above business as usual** • **Evidence or measurement of effect** • **Figures for CO_2e** • **Links to relevant documents**	**Explain how you plan to mitigate any negative impacts.**	**Explain how you plan to improve any positive outcomes as far as possible.**
Enhance **conservation** and wildlife		x				
Safeguard the distinctive characteristics, features and special qualities of **North Yorkshire's landscape**		x				
Other (please state below)						

Are there any recognised good practice environmental standards in relation to this proposal? *If so, please detail how this proposal meets those standards.*
The project will be designed and scoped by NYC Strategic Property. The 'fabric first' works will increase the EPC rating of the building in line with good practice environmental standards. Support from the ACC Fund will add value, enhancing the work package to improve the standard to which the works can be undertaken.

Summary *Summarise the findings of your impact assessment, including impacts, the recommendation in relation to addressing impacts, including any legal advice, and next steps. This summary should be used as part of the report to the decision maker.*

The project will decrease production of greenhouse gases through reducing energy demand and by generating and storing low carbon energy (solar power) as an alternative to fossil fuels. A feasibility report completed in March 2023 estimated that solar panels will generate 13,509 kWh of electric on average each year (the average house uses 3000kWH per annum).

It will also act as a benchmark in the local area to encourage local residents and businesses to take climate responsible action.

A Climate Change Impact Assessment will be updated as the project progresses to ensure that all positive impacts are maximised.

Sign off section

This climate change impact assessment was completed by:

Name	Rebecca Micallef
Job title	Economy Officer
Service area	Economic Development, Regeneration, Tourism and Skills
Directorate	Community
Signature	Rebecca Micallef
Completion date	20.05.24

Authorised by relevant Assistant Director (signature): Ian Thompson, Interim Assistant Director: Economic Development, Regeneration and Tourism

Date: 20.05.24

ii) Initial Climate Change Impact Assessment for HCIP Corridor 2

The intention of this document is to help the council to gain an initial understanding of the impact of a project or decision on the environment. This document should be completed in consultation with the supporting guidance. Dependent on this initial assessment you may need to go on to complete a full Climate Change Impact Assessment. The final document will be published as part of the decision-making process.

If you have any additional queries, which are not covered by the guidance please email climatechange@northyorks.gov.uk

Title of proposal	Harrogate Cycling Infrastructure Plan: Corridor 2 (Bilton to Hornbeam) – Preliminary design
Brief description of proposal	To seek approval from the Area Constituency Committee Members to agree to spend £40,000 of the Economic, Regeneration, Tourism and Transport Project Development Fund to develop a preliminary design of this 5.45km Harrogate Cycling Infrastructure Plan (HCIP) route to progress the scheme to a 'bid ready' stage.
Directorate	Environment
Service area	Highways & Transportation
Lead officer	Alexander Kay
Names and roles of other people involved in carrying out the impact assessment	Rebecca Micallef, Economy Officer, EDRTS – supporting the Area Constituency Committee in Harrogate & Knaresborough with their Economic, Regeneration, Tourism and Transport Project Development Fund. Ollie Braithwaite, Climate Change Business Partner.

The chart below contains the main environmental factors to consider in your initial assessment – choose the appropriate option from the drop-down list for each one.

Remember to think about the following;

- Travel
- Construction
- Data storage
- Use of buildings
- Change of land use
- Opportunities for recycling and reuse
-

Environmental factor to consider	For the council	For the county	Overall
Greenhouse gas emissions	No effect on emissions	No Effect on emissions	No effect on emissions
Waste	No effect on waste	No effect on waste	No effect on waste
Water use	No effect on water usage	No effect on water usage	No effect on water usage
Pollution (air, land, water, noise, light)	No effect on pollution	No effect on pollution	No effect on pollution
Resilience to adverse weather/climate events (flooding, drought etc)	No effect on resilience	No effect on resilience	No effect on resilience
Ecological effects (biodiversity, loss of habitat etc)	No effect on ecology	No effect on ecology	No effect on ecology
Heritage and landscape	No effect on heritage and landscape	No effect on heritage and landscape	No effect on heritage and landscape

If any of these factors are likely to result in a negative or positive environmental impact then a full climate change impact assessment will be required. It is important that we capture information about both positive and negative impacts to aid the council in calculating its carbon footprint and environmental impact.

Decision (Please tick one option)	Full CCIA not relevant or proportionate:	✓	Continue to full CCIA:	

Reason for decision	The funding requested from the ACC Economic, Regeneration, Tourism and Transport Project Development Fund will enable the project to be progressed to a preliminary design stage to hopefully unlock future construction funding opportunities. The scheme, once constructed, will have a positive climate change impact by promoting and encouraging active travel and sustainable and healthy transport. It will help to manage the adverse impact of transport on the environment. Because the project is at a feasibility / design stage, a full climate change impact assessment is not currently deemed necessary. However, a full climate change impact assessment will be completed prior to any construction works.
Signed (Assistant Director or equivalent)	Ian Thompson, Interim Assistant Director: Economic Development, Regeneration and Tourism (n.b. EDRTS are ultimately responsible for allocating the ACC fund)
Date	20.05.2024

iii) Initial Climate Change Impact Assessment for A59 missing link

The intention of this document is to help the council to gain an initial understanding of the impact of a project or decision on the environment. This document should be completed in consultation with the supporting guidance. Dependent on this initial assessment you may need to go on to complete a full Climate Change Impact Assessment. The final document will be published as part of the decision-making process.

If you have any additional queries, which are not covered by the guidance please email climatechange@northyorks.gov.uk

Title of proposal	Missing A59 cycle path link
Brief description of proposal	To seek approval from the Area Constituency Committee Members to agree to spend £10,000 of the Economic, Regeneration, Tourism and Transport Project Development Fund to develop a workable design for the missing A59 cycle path link to a preliminary stage that is 'bid ready' to unlock construction funding opportunities in the future. The missing link project would make use of existing infrastructure (a shared use path on southern side of the A59) to form a continuous walking, wheeling and cycling route between High Bridge, Knaresborough and A59, near the Golf Club, Harrogate.
Directorate	Environment
Service area	Highways & Transportation
Lead officer	Alexander Kay
Names and roles of other people involved in carrying out the impact assessment	Rebecca Micallef, Economy Officer, EDRTS – supporting the Area Constituency Committee in Harrogate & Knaresborough with their Economic, Regeneration, Tourism and Transport Project Development Fund. Ollie Baithwaite, Climate Change Business Partner.

The chart below contains the main environmental factors to consider in your initial assessment – choose the appropriate option from the drop-down list for each one.

Remember to think about the following;

- Travel
- Construction
- Data storage
- Use of buildings
- Change of land use
- Opportunities for recycling and reuse

Environmental factor to consider	For the council	For the county	Overall
Greenhouse gas emissions	No effect on emissions	No Effect on emissions	No effect on emissions
Waste	No effect on waste	No effect on waste	No effect on waste
Water use	No effect on water usage	No effect on water usage	No effect on water usage
Pollution (air, land, water, noise, light)	No effect on pollution	No effect on pollution	No effect on pollution
Resilience to adverse weather/climate events (flooding, drought etc)	No effect on resilience	No effect on resilience	No effect on resilience
Ecological effects (biodiversity, loss of habitat etc)	No effect on ecology	No effect on ecology	No effect on ecology
Heritage and landscape	No effect on heritage and landscape	No effect on heritage and landscape	No effect on heritage and landscape

If any of these factors are likely to result in a negative or positive environmental impact then a full climate change impact assessment will be required. It is important that we capture information about both positive and negative impacts to aid the council in calculating its carbon footprint and environmental impact.

Decision (Please tick one option)	Full CCIA not relevant or proportionate:	✓	Continue to full CCIA:	
Reason for decision	The funding requested from the ACC Economic, Regeneration, Tourism and Transport Project Development Fund will enable the project to be progressed to a preliminary design stage to hopefully unlock future construction funding opportunities. The scheme, once constructed, will have a positive climate change impact by promoting and encouraging active travel and sustainable and healthy transport. It will help to manage the adverse impact of transport on the environment. Because the project is at a feasibility / design stage, a full climate change impact assessment is not currently deemed necessary. However, a full climate change impact assessment will be completed prior to any construction works.			
Signed (Assistant Director or equivalent)	Ian Thompson, Interim Assistant Director: Economic Development, Regeneration and Tourism (n.b. EDRTS are ultimately responsible for allocating the ACC fund)			
Date	20.05.2024			