



## Climate change impact assessment

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 [beyond.carbon@northyorks.gov.uk](mailto:beyond.carbon@northyorks.gov.uk)

### Version 2: amended 11 August 2021

**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 [beyond.carbon@northyorks.gov.uk](mailto:beyond.carbon@northyorks.gov.uk) for advice.

<b>Title of proposal</b>	<b>Request to submit application for Innovation UK Net Zero Living Fast Followers programme - Decarbonising waste collection and disposal</b>
<b>Brief description of proposal</b>	To indicate proposed project for submission to the above fund
<b>Directorate</b>	Business and Environment
<b>Service area</b>	Environment
<b>Lead officer</b>	Jos Holmes
<b>Names and roles of other people involved in carrying out the impact assessment</b>	
<b>Date impact assessment started</b>	<b>14.02.23</b>

**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.  
 A discussion at officer level has been held regarding the potential projects that NYCC could submit given the timescale and priorities.

**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 project will be fully funded by the grant. It will investigate the business plan options to bring forward low carbon fuels generation for use by residual waste vehicles and the potential impact on Council budgets.

<p><b>How will this proposal impact on the environment?</b></p> <p><b>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.</b></p>	<p><b>Positive impact</b> (Place a X in the box below where relevant)</p>	<p><b>No impact</b> (Place a X in the box below where relevant)</p>	<p><b>Negative impact</b> (Place a X in the box below where relevant)</p>	<p><b>Explain why will it have this effect and over what timescale?</b></p> <p><b>Where possible/relevant please include:</b></p> <ul style="list-style-type: none"> <li>• Changes over and above business as usual</li> <li>• Evidence or measurement of effect</li> <li>• Figures for CO<sub>2</sub>e</li> <li>• Links to relevant documents</li> </ul>	<p><b>Explain how you plan to mitigate any negative impacts.</b></p>	<p><b>Explain how you plan to improve any positive outcomes as far as possible.</b></p>	
<p>Minimise <b>greenhouse gas emissions</b> e.g. reducing emissions from travel, increasing energy efficiencies etc.</p>	<p>Emissions from travel</p>	X			<p>Projects outlined include move to low emission vehicles</p>		
	<p>Emissions from construction</p>		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: <ul style="list-style-type: none"> <li>• Changes over and above business as usual</li> <li>• Evidence or measurement of effect</li> <li>• Figures for CO<sub>2</sub>e</li> <li>• Links to relevant documents</li> </ul>	Explain how you plan to mitigate any negative impacts.	Explain how you plan to improve any positive outcomes as far as possible.	
	Emissions from running of buildings	X			This will review the use of waste heat to contribute towards low carbon heating of the AWRP buildings		
	Emissions from data storage		X				
	Other		X				
Minimise <b>waste</b> : Reduce, reuse, recycle and compost e.g. reducing use of single use plastic	X			The Decarbonising Waste Management proposal will outline options for decarbonising the collection and disposal of waste and for the reuse of heat and power resources			
Reduce <b>water</b> consumption		X					
Minimise <b>pollution</b> (including air, land, water, light and noise)	X			The proposal includes the transition to low emission vehicles which will reduce air pollution.			

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<p>Ensure <b>resilience</b> to the effects of climate change e.g. reducing flood risk, mitigating effects of drier, hotter summers</p>	X			<p>The project will test the feasibility of producing transport fuels thereby improving resilience of supply chain.</p>		
<p>Enhance <b>conservation</b> and wildlife</p>		X				
<p>Safeguard the distinctive characteristics, features and special qualities of <b>North Yorkshire's landscape</b></p>		X				
<p>Other (please state below)</p>		X				

**Are there any recognised good practice environmental standards in relation to this proposal?** If so, please detail how this proposal meets those standards.

The proposals will identify existing best practice from academic institutions and real lived experiences.

**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 proposals are aimed at reducing emissions to contribute towards the Y&NY Routemap to Carbon Negative ambitions.

### Sign off section

This climate change impact assessment was completed by:

<b>Name</b>	Jos Holmes
<b>Job title</b>	NYCC Climate Change Policy Officer
<b>Service area</b>	Waste
<b>Directorate</b>	Business and Environment Services
<b>Signature</b>	Michael Leah
<b>Completion date</b>	20.02.23

**Authorised by relevant Assistant Director (signature):** Approved by email

**Date:** 20.02.23