

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

Title of proposal	Harrogate Care and Support Hub
Brief description of proposal	New care facilities to provide high level dementia care, intermediate and short stay accommodation.
Directorate	Resource
Service area	Property
Lead officer	Chris Grayshon
Names and roles of other people involved in carrying out the impact assessment	Ed Rouse
Date impact assessment started	09.09.25

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.

1. Do nothing - Continue to undertake responsive maintenance only & deliver existing EPH provision. This would not provide long term good service and would necessitate increased sourcing of service/beds from market.
2. **Do something - Undertake essential remedial works to achieve minimal compliance & continue to deliver existing EPH provision**
3. **Close & Re-provide in Independent Sector**
4. **Reconfigure and refurbish existing EPH provision**
5. **Replacement new build provision – Preferred Option**

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

The proposal will reduce costs and offer optimum savings for the service delivery, considering the capital investment, as noted below.

There are specific priorities within the Council's plans that create opportunities for the development of our in-house care services, in particular to support and deliver on our ambitions to further embed Home First, develop a new model of intermediate care with wraparound therapy to maximise the opportunities for people to live as independently as possible for as long as possible, and to support people to live well with dementia.

The proposed option delivers the optimum saving to the revenue budget with overall total annual revenue costs reduced owing to the ability to deliver specialist residential dementia care and intermediate care that reduces reliance on high cost independent sector provision. In-house costs with a more efficient staffing model are able to offer better value for money and economies of scale than an in-house low level residential model

This will achieve a reduction in projected gross expenditure per annum in the HAS budget. This is based on full occupancy of the new Care & Support Hub provision and accelerated inflation on independent sector costs based on previous years. Potential variance and changes in market conditions is acknowledged, and the savings impact of different scenarios has been assessed.

The new-build replacement option demonstrates the most cost-effective model for future provision of specialist residential care. This model is in line with the strategic vision for the transformation of Care Provider Services and demonstrates an ability to off-set current escalating costs in the independent sector.

<p>How will this proposal impact on the environment?</p> <p>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.</p>	<p>Positive impact (Place a X in the box below where relevant)</p>	<p>No impact (Place a X in the box below where relevant)</p>	<p>Negative impact (Place a X in the box below where relevant)</p>	<p>Explain why will it have this effect and over what timescale?</p> <p>Where possible/relevant please include:</p> <ul style="list-style-type: none"> • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents 	<p>Explain how you plan to mitigate any negative impacts.</p>	<p>Explain how you plan to improve any positive outcomes as far as possible.</p>	
<p>Minimise greenhouse gas emissions e.g. reducing emissions from travel, increasing energy efficiencies etc.</p>	<p>Emissions from travel</p>			<p>X</p>	<p>Work travel during construction and operation of building. Visitors travelling to see residents. Residents travel – day trips/hospital visits. Health care workers visiting for treatment plans of residents.</p>	<p>Local contractor/operatives. Specify materials that can be procured from local depots. Sites located on bus routes.</p>	
	<p>Emissions from construction</p>			<p>X</p>	<p>Construction vehicles, delivery of materials, plants/equipment. Dust/debris from construction works.</p>	<p>Mitigating measures for dust/debris – wet suppression systems. Off-site construction where possible.</p>	
	<p>Emissions from running of buildings</p>	<p>X</p>			<p>More efficient M&E equipment in new as opposed to existing buildings. Self-generation of energy – PVs. Lower energy intensity per sqm than existing provision.</p>	<p>More efficient M&E equipment in new as opposed to existing buildings. Self-generation of energy – PVs.</p>	<p>Net Zero report to enhance the provision and energy use on the site to beyond Building Regulations.</p>

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	Emissions from data storage			X	<p>More storage of folders/files locally and on cloud, during construction and whilst operating.</p>	<p>Store majority of files on cloud systems with off-site data centres such as AWS and Microsoft.</p>	
	Other	X					
<p>Minimise waste: Reduce, reuse, recycle and compost e.g. reducing use of single use plastic</p>			X	<p>Increased waste due to increase capacity against existing provision.</p>	<p>Composting/recycling of food waste. Meal planning.</p>		
<p>Reduce water consumption</p>			X	<p>Increased building capacity and landscaping increased water consumption.</p>	<p>Grey water use. Fewer cubic meters used per occupant.</p>		
<p>Minimise pollution (including air, land, water, light and noise)</p>			X	<p>Increased during construction but will be reduced over the life span of the new provision.</p>	<p>More efficient M&E, reduced emissions and dust suppression. Dawn/Dusk sensors for external lights.</p>		

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<p>Ensure resilience to the effects of climate change e.g. reducing flood risk, mitigating effects of drier, hotter summers</p>			x	<p>Replacement of current permeable surface with impermeable – therefore decreased percolation rates.</p>	<p>Buildings will be built to Part L, which has requirements for limiting overheating. Work closely during design to help to use the building effectively for all to encourage adequate air movement and to assess for high flow gutters and rainwater harvesting for watering</p>	
<p>Enhance conservation and wildlife</p>	x			<p>Landscaping will take place on site and there will be a requirement for BNG as part of the project</p>		<p>Consider landscaping which will enrich the local area and aim for onsite BNG</p>

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<p>Safeguard the distinctive characteristics, features and special qualities of North Yorkshire's landscape</p>	x			<p>Currently underused/underdeveloped areas will receive investment and likely increase of employment in the local area. Construction will be aimed at safeguard the local areas by minimising energy usage and carbon emissions in the area</p>		<p>Mitigation of emissions shall be achieved through commissioning of a net zero report which will look at how money will be best spent to minimise emissions for produced by the site</p>
<p>Other (please state below)</p>						

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

All construction shall be built in line with building regs and where the business case has been agreed Beyond Compliance measures will be applied – solar PV and Battery Storage (please refer to Full Business Case for detail).

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.

Sign off section

This climate change impact assessment was completed by:

Name	Ed Rouse & Richard Shields
Job title x 2	Senior Project Delivery Manager
Service area	Property
Directorate	Resource
Signature	Ed Rouse Richard Shields
Completion date	21/01/26

Authorised by relevant Assistant Director (signature): *Kerry Metcalfe*

Date: 27.04.26