

Integrated Care Board

Date of meeting	29 March 2023
Title of paper	Lancashire and South Cumbria Integrated Care Board Green Plan 2022-25
Presented by	Sam Proffitt, Chief Finance Officer
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Agenda item	17
Confidential	No

Purpose of the paper

To provide an update in relation to progress made against the National NHS sustainability targets and to request board approval for the Integrated Care Board (ICB) Green Plan.

Executive summary

Following the publication of [‘Delivering a net-zero National Health Service’](#) by NHS England, we have committed to deliver a range of programmes to make the necessary changes required to help achieve this ambition. This was presented to the Integrated Care System Board (ICS) on 25 May 2022 as a 3 year Green Strategy 2022-25.

As discussed at the ICS Board, the Integrated Care Board (ICB) needs a Green Plan supporting this Strategy. A summary of the Green Plan is described below and the full version is attached for information.

Our Green Plan focuses on the following nine areas:

- Workforce and system leadership
- Sustainable models of care
- Digital transformation
- Travel and transport
- Estates and facilities
- Medicines
- Supply chain and procurement
- Food and nutrition
- Adaptation (adapting to environmental change)

Since establishment in July 2023 we have already shown evidence of delivery across the ICB and seen progress in Trusts. Some of these achievements are highlighted in the section below.

The emerging future priorities across the nine focus areas include:

- Raise awareness of our sustainability plans through a series of leadership and staff pledges.
- Use only recycled paper and reduce total paper usage year on year
- Create recycling points for metered-dose inhalers (MDIs) and ensure the provision of clear clinical guidance on appropriate inhaler usage to reduce MDI prescriptions
- Reduce the anaesthetic gas, desflurane usage to below 2%
- Progress our plans for electric transport by 2027
- Reduce carbon emissions from building by 20% vs 2020 rates by 2025

Recommendations

The Board is requested to approve this Green Plan.

Governance and reporting

Meeting	Date	Outcomes
Strategic Estates Team	9 March 2023	For review

Conflicts of interest identified

not applicable

Implications

<i>If yes, please provide a brief risk description and reference number</i>	Yes	No	N/A	Comments
Quality impact assessment completed			X	May be required at a later stage as projects within the programme develop.
Equality impact assessment completed			X	Likewise, may also be required at a later stage, noting that failure to deal with climate change will impact disproportionately on the disadvantaged.
Privacy impact assessment completed			X	May also be required at a later stage as projects within the programme develop.
Financial impact assessment completed		X		
Associated risks	X			Considered as part of the Strategy
Are associated risks detailed on the ICS Risk Register?		X		

Report authorised by: Sam Proffitt Chief Finance Officer

Integrated Care Board - 29th March 2023

The Integrated Care Board Green Plan 2022-25

1. Introduction

1.1 What is a Green Plan?

A Green Plan is a central document that states the plans, actions, and timescales to reduce carbon emissions and deliver care in a more sustainable way. Every NHS organisation in England is required to produce a Green Plan ([Delivering a net zero National Health Service](#)).

1.2 Why are we launching this Green Plan?

Climate change is ... 'the greatest threat to global health in the 21st century' (WHO). The NHS currently produces 4-5% of the UK's Carbon footprint.

On 1 July 2022, the NHS became the first health system in the world to embed net zero into legislation, through [Health and Care Act 2022](#). Net zero means cutting greenhouse gas emissions that cause global warming to as close to zero as possible, with any remaining emissions re-absorbed from the atmosphere by oceans and trees.

National NHS Goals:

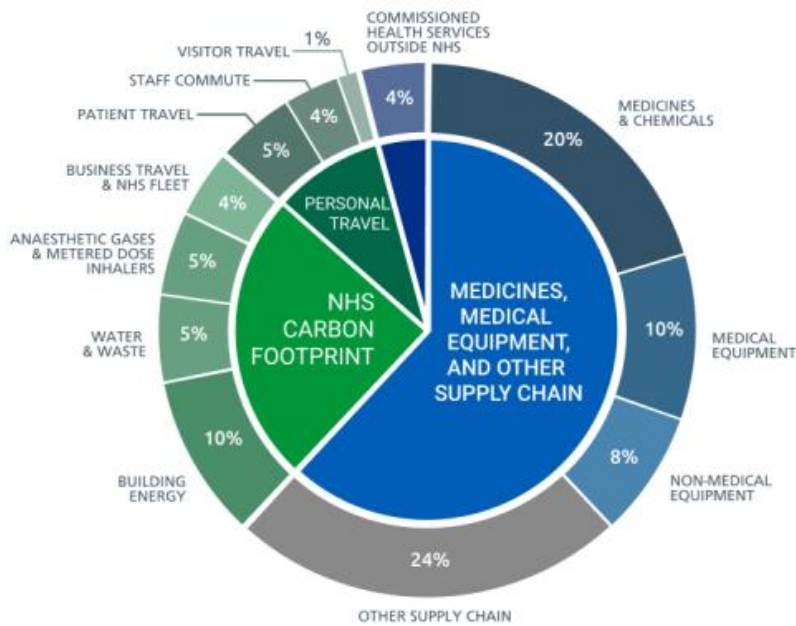
- Emissions we control directly to be net zero by 2040, with ambition to reach an 80% reduction by 2028-2032.
- Emissions we can influence to be net zero by 2045, with an ambition to reach an 80% reduction by 2036 to 2039.

...by the year 2040, this trajectory would save an estimated 5,770 lives per year from reductions in air pollution alone.

As an ICB, we play a key role in reducing emissions, influencing our providers, and building healthier communities. This Green Plan outlines how we will support NHS England and the UK government in fulfilling that ambition.

2 What is this Green Plan about?

2.1 This diagram highlights the sources of carbon emissions by proportion of the NHS Carbon footprint plus. It shows where we need to focus our efforts. Consequently, our Green Plan is divided into nine areas of focus, each with clear goals and actions.



2.2 The following tables provide a summary of the achievements in each of the nine focus areas and our main goals for the remaining years of the plan. The full version of the Green Plan is attached in the Appendix A.

1. Workforce and Leadership	
Ensure everyone understands their role in targeting net zero carbon. Improve health and wellbeing of our population including NHS staff and patients. Reduce inequalities.	
Achievements	Our Goal
<ul style="list-style-type: none"> ICB Exec level sustainability lead identified. ICB Net Zero Project Manager in post February 2023 Net Zero surveys of GP practices collated and used to develop web page and training. Green Champions identified in 6 PCNs. Sustainability groups and champions established in Trusts with Green Plans published. 	<ul style="list-style-type: none"> Develop Comms and Engagement plan(s) to raise awareness including training of the Net Zero agenda amongst ICB and provider staff. Work as part of a wider system to embed sustainability in everything we do.

2. Sustainable Models of Care	
<p>A consequence of sustainable/ low impact models of care is emission reduction through reduced patient journeys and bed days. Health inequalities can be reduced by streamlining care pathways and focusing on preventative care.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> Initiatives established across our Trusts include virtual wards, virtual outpatient appointments (BTH), a same day emergency care programme (ELHT), hospital home care service (LTH). 	<ul style="list-style-type: none"> Measure the carbon impact of Trust initiatives and share best practice. Embed Public Health into Clinical Services Programmes Support the development of local Community Diagnostic Centres

3. Digital Transformation	
<p>Use technology to collate data and process information to reduce travel and paper, while also improving decision making processes. Build on the digital transformation that occurred during the pandemic.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> Digitisation of c1.75m primary care records now completed saving storage and admin costs associated with paper records and better patient care. Majority of staff training and meetings undertaken on-line. In Trusts, initiatives include SMS text reminders for patient appointments (ELHT), electronic discharge letters and virtual outpatient appointments. 	<ul style="list-style-type: none"> Develop a common electronic patient record (EPR) to improve access and pathways to benefit patients and staff. Letters to patients sent electronically. Virtual appointments in Trusts to reach 25%

4. Travel and Transport	
<p>Staff and patient travel contribute to air pollution which accounts for 1:20 deaths in the UK and disproportionately affects our population living in poverty.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> Board approved healthy/ active travel plans in some Trusts with facilities and schemes in place to encourage sustainable travel. 	<ul style="list-style-type: none"> All Trusts to complete a staff travel and transport survey by end of March 2024. Staff to receive education re sustainable travel as

<ul style="list-style-type: none"> • Electric vehicle charging is available on some hospital sites. The proportion of Trust owned electric vehicles has increased. 	<p>part of staff induction by the end of March 2024.</p> <ul style="list-style-type: none"> • ICB to work with regional stakeholders regarding sustainable travel planning/ funding streams. • Progress our plans for electric transport by 2027
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<p>5. Estates and Facilities</p> <p>A wide range of interventions need to be rolled out over the next 5 to 10 years to support net zero carbon involving waste reduction, energy efficiency, expansion of green space and sustainable capital projects.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> • Decarbonisation review undertaken for all 17 hospital sites. High level plans will be completed end of March 2023 that demonstrate how net zero can be achieved. • All new builds and retrofits over £15m are compliant with the NHS England » NHS Net Zero Building Standard published 23rd February 2023. 	<ul style="list-style-type: none"> • Use high level plans to support bids to PSDS for grant monies (non-returnable, however, Trusts to contribute 12% from their capital programmes). • Reduce carbon emissions from building by 20% vs 2020 rates by 2025. • 65% of relevant trusts in the region to operate walking aid refurbishment schemes, by March 2024.

<p>6. Medicines</p> <p>Reduce the use of certain types of anaesthetic gases and inhalers that give off greenhouse gases 1000s of times worse for the environment than CO₂.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> • Anaesthetic gas use below National target of 5% across all Trusts. • The Nitrous Oxide mitigation project run by ELHT significantly reduced waste and costs associated with this gas. 	<ul style="list-style-type: none"> • Utilise national inhaler database to support areas with poor performance • Introduce an inhaler return scheme. • Implement NO₂ reduction plan. • Anaesthetic gas, desflurane use to below 2%

7. Supply Chain and Procurement	
<p>Actions within this area will ensure providers have focus on sustainability from the initial procurement through to contract monitoring.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> Process now in place to ensure all relevant new NHS procurements include a minimum 10% net zero and social value weighting. 	<ul style="list-style-type: none"> 100% of new NHS procurements include a minimum 10% net zero and social value weighting. KPIs for each contract. All new procurements over £5m/ annum to include Carbon Reduction Plan requirement (PPN 06/21). This applies to all procurements from April 24. 65% of Trusts (where relevant) to have walking aid refurbishment schemes by March 2024.

8. Food and Nutrition	
<p>Promote healthier and sustainable food for staff and patients. Reduce emissions by sourcing food locally increasing the positive economic impact for our communities.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> Trusts submit information quarterly in relation to food provision. 	<ul style="list-style-type: none"> Conduct a hospital food review using available data to reduce food waste and food miles, share practice and identify areas for improvement.

9. Climate Adaptation	
<p>Adaptation Plans will ensure our estate is able to cope with the impacts of climate change while ensuring it conserves or enhances biodiversity.</p>	
Achievements	Our Goal
<ul style="list-style-type: none"> UHMBT has piloted the national Local Climate Adaptation Tool (LCAT) to develop a locally appropriate Adaptation Plan. 	<ul style="list-style-type: none"> Develop Adaptation Plans in all Trusts supported by the national roll out of LCAT in 2023.

3. Conclusion

3.1 The ICB Green Plan (attached) provides an update in relation to where we are across the ICS. The Plan encourages and requires further year on year progress as nationally agreed to move the NHS to become a net-zero carbon entity by 2040 and 80% reduction by 2028-2032.

4. Recommendations

4.1 The Board is asked to:

- approve the Green Plan.

Sam Proffitt

Chief Finance Officer

16 March 2023