

Green Plan 2022-25

HEALTHIER PLANET
HEALTHIER PEOPLE

Contents

1.	Introduction to LPT and LPT in numbers	3-4
2.	Organisational Vision, Values and Strategy	5
3.	Introduction to LPT Green Plan	6
4.	Greener NHS	7
5.	Core Chapters	
	a) Workforce and system leadership	8
	b) Sustainable models of care	9
	c) Digital transformation	10
	d) Travel and transport	11
	e) Estates and facilities	12
	f) Medicines	13
	g) Supply chain and procurement	14
	h) Food and nutrition	15
	i) Adaptation	16
6.	Conclusion and Next Stages	17

Introduction to LPT

In April 2011, mental health and learning disability services in Leicester, Leicestershire and Rutland were brought together with local community services and families, children and young people's services to create Leicestershire Partnership NHS Trust as we know it today.

We provide community health and mental health support to over 1 million people living in Leicester, Leicestershire and Rutland. Our services touch the lives of all ages (from health visiting to end of life care), from head to foot (from mental health to podiatry) and everything in between. We have 6,500 staff (including bank staff) who provide this care through three clinical directorates:

- Adult mental health services
- Families, young people and children's services and adult learning disabilities services
- Community health services

Their work would not be possible without our enabling and corporate services staff, alongside our hosted service providers and around 500 volunteers.

During 2020-21 LPT provided and/or subcontracted 99 relevant health services. Mental Health and Learning Disabilities account for 56 services and Community Health Services make up the remaining 43.

Our vision is to create high quality, compassionate care and wellbeing for all.

Introduction – LPT in numbers

LPT in numbers



Organisational Vision, Values and Strategy

Our vision is to create high quality, compassionate care and wellbeing for all. We have refreshed our Step up to Great strategy to 2024 to continue working towards this vision by developing a great organisation that is able to deliver great outcomes with great people as part of our local communities.

People remain at the heart of what we do and their views on what matters most – whether you are a service users, staff member or partner – have been captured over the last year to help refresh what we do next to continue to Step up to Great.

We recognise that the next few years will be challenging for health and social care services, as we continue to deal with the Covid pandemic, and the recovery of our services, to achieve the NHS Long Term Plan. We cannot do this on our own and neither should we. We are committed to working in partnership with others to deliver integrated care together with our service users, families and carers, the wider NHS, local authorities and voluntary and community partners, not only in Leicester, Leicestershire and Rutland but across our region and beyond.



Introduction to Green Plan

In response to the updated NHS standard contract, NHS ambitions, policy and planning guidance Leicestershire Partnership NHS Trust (LPT) have produced this Green Plan. The Plan sets out how the Trust will support the transition to a Net Zero NHS and help achieve the ambitious Net Zero targets.

The Trust has recognised the importance of environmental sustainability and the role it must play in reducing the impacts of climate change. The Delivering a Net Zero NHS report established two new targets for the NHS.

1. To reach Net Zero for emissions it can directly control by 2040.
2. To reach Net Zero for indirect emissions it can influence by 2045.

Service providers are expected to contribute to the achievement of these goals, as such this Green Plan sets out the steps already taken by the Trust and its future plans.

Development of data to support the plan is one key aspect as currently limited historic data is available.

Section 5 of this Green Plan lays out the Trust's nine areas of focus. Each sub-section details the purpose and proposed actions for the Trust to reduce carbon emissions. There has been limited time to engage fully in the development of this plan and agreement of timescales and measures of success for the proposed actions will form the next step of the plans development.

GREENER NHS – National Ambitions

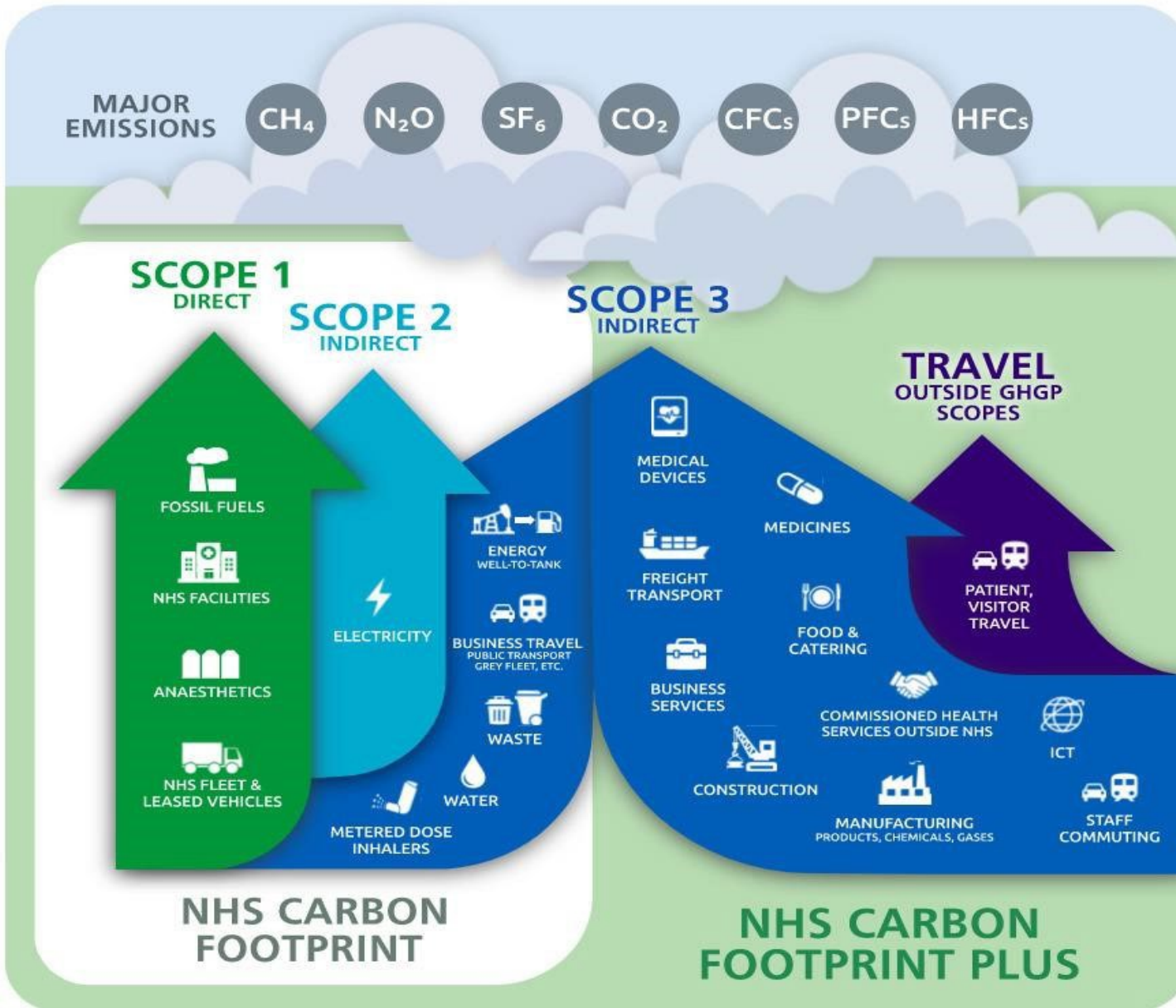
Climate change and human health are inextricably linked.

NHS became the first in the world to commit to delivering a net zero national health system.

With around 4% of the country's carbon emissions, and over 7% of the economy, the NHS has an essential role to play.

NHS Footprint – Net Zero by 2040

Footprint plus Net Zero by 2045



Workforce and System Leadership

LPT produced a Corporate Social Responsibility Strategy in 2016 and is pleased to be part of the first health system in the world to set a target to reach net zero carbon, because climate change threatens the health and wellbeing of the patients we serve now and in the future. Engagement and embedding net carbon zero thinking in everyday healthcare business to support the huge interest to deliver health and sustainability benefits is our aim.

	Proposed actions	Measure of success
WSL1	<p>Governance</p> <ul style="list-style-type: none"> • Embed sustainability into business and change cases, to avoid it becoming a standalone function • Create a sustainability task and finish group to provide initial focus on Green Plan development • Leadership provided by the Chief Finance Officer 	Net carbon zero becomes part of business as usual
WLS2	<p>Engagement</p> <ul style="list-style-type: none"> • Develop a communications plan to support a co-produced vision and priorities for carbon reduction and sustainable development. • Explore with the Peoples Council, Staff Side and other stakeholders to understand their most important issues 	Greener champions Recognised impact of Greener Plan
WSL3	<p>Training</p> <ul style="list-style-type: none"> • Consider the merits and availability of training. • https://carbonliteracy.com/ • https://sustainablehealthcare.org.uk/ 	Better understanding from Board to Ward

Sustainable Models of Care

Embedding net zero principles across all clinical services is critical, with this section considering carbon reduction opportunities in the way care is delivered. It aligns with the Clinical Strategy to ensure we are providing Value-based health care which helps people to: Improve their health; Reduce incidence and effects of chronic disease; Self-manage and live healthier lives.

	Proposed actions	Measure of success
SMC1	Step up to Great Mental Health <ul style="list-style-type: none"> Support the environmental impact assessment for the decision-making business case 	Impact assessment completed
SMC2	Value Based Healthcare <ul style="list-style-type: none"> Develop data sources and methodology to capture the environmental benefits from this approach 	Debulking of pathways
SMC3	Explore potential for university internships to create capacity in supporting value-based healthcare and greener focus.	Capacity across health and management roles
SM4	Research published evidencing value based healthcare approach. Current examples include: <ul style="list-style-type: none"> Virtual COVID-19 ward to accelerate the supported discharge of patients from an acute hospital setting ¹ Urgent MH Care Hub 	Research publications

¹ <https://www.magonlinelibrary.com/doi/full/10.12968/bjhc.2021.0073>

Digital Transformation

The direct alignments between the digital transformation agenda and a net zero NHS are clear. This section seeks to focus on ways to harness existing digital technology and systems to streamline our service delivery and supporting functions.

During the pandemic we advanced our digital transformation programme enabling staff to work from home and other locations and to continue to provide great patient care, alongside providing patients access to our services through on-line and telephone consultation. A Single Patient Record went live in November 2020 and future developments including community e-prescribing are being explored, alongside telemedicine.

	Proposed actions	Measure of success
DT1	Homeworking is enabled under Changing Working Lives programme and the sustainable future work within the IM&T strategy. Pilots have been developed to explore and evaluate continued blended working	Staff wellbeing and engagement
DT2	Full use of Single Patient Record, including video, remote patient monitoring and telemedicine to be explored.	Virtual consultation and enabled patients
DT3	Recycling IT equipment in support of reducing digital exclusion and waste	Reduced waste and community benefit
DT4	Consider metrics to evaluate electronic working, including paper usage, home working, virtual outpatients	Identification of data and metrics
DT5	System Shared Care Record infrastructure plans implemented in line with the Charter for Collaborative Success	Platform for shared care records created

Travel and Transport

This chapter outlines plans to reduce the carbon emissions arising from the travel and transport for our staff and patients. The health & social care system accounts for a significant proportion of road traffic in England, with 5% of all travel attributed to the NHS. This in turn accounts for 13% of the total NHS carbon footprint. The Trust participates in the Cycle to Work scheme which enables staff to save between 25% and 39% on a bike and accessories through a salary sacrifice scheme.

	Proposed actions	Measure of success
TT1	Changing Working Lives <ul style="list-style-type: none"> • Capture the carbon reduction from travel changes 	Financial and net zero savings
TT2	Lease Car Scheme <ul style="list-style-type: none"> • Explore the current Co2 cap and potential to move to ultra-low emission / electric only 	Encourage take up of ultra-low emission or zero emission cars
TT3	Workplace Parking Levy – Leicester City Council <ul style="list-style-type: none"> • Explore the benefits which could be achieved if a workplace parking levy is introduced in the City 	Partnership working with city council to support health delivery
TT4	Active Travel Plan <ul style="list-style-type: none"> • Undertake a travel survey and post code analysis to support development of an active travel plan • Infrastructure for cycle to work, e.g. cycle racks and showers 	Better data to support travel plan development Improved infrastructure to enable travel choice
TT5	Identify benefits from auto-planner for community staff visits and volunteer drivers pilot	Reduced mileage

Estates and Facilities

Trust has submitted an Expression of Interest under the Governments New Hospital Programme which would support more sustainable infrastructure alongside the net zero carbon agenda. The Beacon Unit, new CAMHS unit is a BREEAM rated development. These are more sustainable environments that enhance the well-being of the people who live and work in them and help protect natural resources. Facilities Management Transformation Business Case is in progress to improve safety and quality.

	Proposed actions	Measure of success
EF1	Completion of the Six Facet Survey to establish baseline environmental data	Baseline data
EF2	Renewable energy switch took place take effect from 1 April 2022. Crown Commercial Services ERF Renewable for Business tariff	Renewable energy purchased
EF3	Energy usage <ul style="list-style-type: none"> Consider electricity kwh usage per site to benchmark and provide focus for energy efficiency and half hour metering Capture current heating and hot water system carbon emissions 	Energy use certification and baseline data for buildings
EF4	Refresh business case for New Hospitals Programme, including energy centre, design and net zero improvements	Business case development and approval
EF5	Review existing waste management and recycling contracts	Establish baseline position

Medicines

This chapter examines the key opportunities to reduce the carbon emissions related to the organisation's prescribing and use of medicines and medical products.

The single largest component of the NHS carbon footprint is pharmaceuticals, which encompasses a number of facets, including transport, waste and involves cross system working.

	Proposed actions	Measure of success
M1	Anaesthetic gas <ul style="list-style-type: none">• Every trust to reduce its use of desflurane in surgery to less than 10% of its total volatile anaesthetic gas use, by volume.	Not applicable to LPT delivered services
M2	Inhalers <ul style="list-style-type: none">• Every ICS to develop plans for clinically appropriate prescribing of lower carbon inhalers.	ICS leading this area of focus
M3	E-Prescribing opportunities Evaluate integration of existing inpatient e-prescribing with SystmOne as set out in LPT Digital Strategy Business case development for e-prescribing system across community services Robotic dispensing of medicines case in development	Reduced waste
M4	Transport <ul style="list-style-type: none">• Gather data on commissioned transport contracts, including pharmacy delivery arrangements	Reduced transport

Supply Chain and Procurement

The NHS supply chain accounts for approximately 62% of total carbon emissions and is a clear priority area for focus in every Green Plan. This chapter considers how NHS organisations may use their individual or collective purchasing power and decisions to reduce carbon embedded in their supply chains. Work is underway to develop ideas across the LPT /NHFT Group and LPT Head of Procurement has the lead for sustainability across ICS procurement.

The Trust has committed to the use of recycled paper for all written communications both internally & externally. To achieve this the Trust now only purchases recycled paper.

	Proposed actions	Measure of success
SCP1	Reduce Single Use Plastics - Reuse, Reduce, Repurpose and Recycle (4R) wherever possible. Categorise clinical supplies under the 4R headings	Reducing Use of High Greenhouse Gas Intensity Procured Items
SCP2	Embrace new technologies and innovations <ul style="list-style-type: none"> • Cardboard based waste containers • PPE innovations • Remanufacturing 	Reduced plastics
SCP3	Ensure suppliers are meeting the zero carbon agenda <ul style="list-style-type: none"> • By implementing controls in tendering and contracting • all NHS tenders will adopt the Government's Social Value Model, a minimum of 10% scoring criteria assessing how suppliers will contribute to the NHS' net zero targets and social value in contract delivery ¹ 	Public services delivering best value

¹ [New 'Social Value' contracts to revolutionise government procurement - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/news/new-social-value-contracts-to-revolutionise-government-procurement)

Food and Nutrition

This chapter consider ways to reduce the carbon emissions from the food made, processed or served within the organisation. Where possible, this may include reducing overall food waste and ensuring the provision of healthier, locally sourced and seasonal menus high in fruits and vegetables, and low in heavily processed foods.

In the Patient-Led Assessment of the Care Environment (PLACE) LPT scored 90.52% for Food and Hydration against a national average of 92.19%. An independent review of food was published in October 2020¹

	Proposed actions	Measure of success
FN1	Full catering service review against the Independent Hospital Food guidance	Leadership and food culture
FN2	Evaluate progress against the Trust Board pledge in January 2020 to no longer purchase or reduce use of: <ul style="list-style-type: none">• single-use plastic stirrers and straws, except where a person has a specific need; plastic cutlery, plates or singleuse cups made of expanded polystyrene or oxo-degradable plastics; single-use plastic food containers and other plastic cups for beverages – including covers and lids	Reduced plastic usage
FN3	Explore introducing digital menus and food ordering systems which can factor in a patient’s dietary and cultural requirements, and nutritional needs	Reduced waste

¹ <https://www.gov.uk/government/publications/independent-review-of-nhs-hospital-food>

Adaptation

This section summarises our plans to mitigate the risks or effects of climate change and severe weather conditions on its business and functions. This may include plans to mitigate the effects of flooding or heatwaves on the organisation's infrastructure, patients, and staff.

Government policy information is set out in

- Climate change adaptation: policy information, Published 21 June 2021 ¹
- Climate change: second national adaptation programme (2018 to 2023) ²

Key risks considered in the policy documents are; flooding, high temperatures, public water supply, natural capital, food production, pests and diseases.

Key issues impacting health:

- Risks to public health and wellbeing from high temperatures
- Potential benefits to health & wellbeing from reduced cold
- Risks to health and social care delivery from extreme weather
- Risks to health from changes in air quality
- Risks to health from vector-borne pathogens
- Risks to health from poor water quality

	Proposed actions	Measure of success
A1	Review the UK climate change risk assessment to consider the risks and opportunities from climate change.	Identify risks
A2	Respond as required to PHE, DHSC, NHS England and the Local Government Association (LGA) who will develop a single adverse weather and health plan by 2022.	Develop response

¹ [Climate change adaptation: policy information - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/policies/climate-change-adaptation)

² [Climate change: second national adaptation programme \(2018 to 2023\) - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/policies/climate-change-adaptation)

Conclusion and Next Stages

The Greener Plan for Leicestershire Partnership NHS Trust, agreed by Trust Board in January 2022, establishes proposed actions under each of the core Greener Chapters.

Tackling climate change through reducing harmful carbon emissions will improve health and save lives.

- Air pollution is the single greatest environmental threat to human health in the UK, accounting for 1 in 20 deaths.
- Reducing emissions will mean fewer cases of asthma, cancer and heart disease.
- To promote sustainable care, psychiatry needs to bolster primary, secondary and tertiary prevention efforts. ¹

The ongoing development of Green Plan includes:

1. Joint work with Northamptonshire Healthcare FT.
2. Working with partners to develop the ICS Green Plan for LLR.
3. Continuing to build engagement across LPT.
4. Establishing baseline environmental data.
5. Reporting on progress against actions.

¹ [The College's position on Sustainability | Royal College of Psychiatrists \(rcpsych.ac.uk\)](https://www.rcpsych.ac.uk/press-releases/2022/01/2022-01-13-royal-college-of-psychiatrists-positions-statement-on-sustainability)



Medicines:

Medicines make up 25% of the NHS Carbon Footprint



Estates & Facilities:

The NHS estate and its supporting facilities services makes up 15% of the NHS Carbon Footprint



Travel & Transport:

Travel and transport makes up 14% of the NHS Carbon Footprint