

# Sustainability in Healthcare update March 2023

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## Case Studies

[Greener NHS \(england.nhs.uk\)](https://www.greener.nhs.uk/)

What's already happening

## CSH Impact Reports & Case Studies- 2022

- [The Christie NHS Foundation Trust](#)
- [Gloucestershire Hospitals NHS Foundation Trust & Gloucestershire Managed Services](#)
- [Swansea Bay University Health Board](#)
- [Hywel Dda University Health Board](#)
- [Northamptonshire NHS Trusts](#)
- [Royal Cornwall Hospitals NHS Trust](#)
- [Leeds Teaching Hospitals NHS Trust](#)

## Climate Change

[Climate change, sustainability, and health services research – Health Policy and Technology](#)

[Bringing Environmental Sustainability into the Quality Agenda: Time to Act on Reducing Health Care Pollution and Waste - The Joint Commission Journal on Quality and Patient Safety](#)

[A qualitative study of what motivates and enables climate-engaged physicians in Canada to engage in health-care sustainability, advocacy, and action - The Lancet Planetary Health](#)

[One health through the lens of the Sustainable Development Goals - Eurohealth](#)

[Communication research to improve engagement with climate change and human health: A review \(frontiersin.org\)](#)

[Practices Pursuing the Sustainability of A Healthcare Organization: A Systematic Review - Sustainability](#)

[Health impact studies of climate change adaptation and mitigation measures – A scoping review - Journal of Climate Change & Health](#)

[Impact on mortality of pathways to net zero greenhouse gas emissions in England and Wales: a multisectoral modelling study - The Lancet Planetary Health](#)

[Synthesis Report: Climate Change 2023 — IPCC](#)

## E-Books

HEE have provided a collection of 27 e-books on Sustainability which are freely available with your NHS OpenAthens login

Access e-books on Sustainability [here](#)

Register for an OpenAthens account [here](#)

**Open Access e-book available** [Social Science Perspectives on Global Public Health | Vincent La Placa \(taylorfrancis.com\)](#)

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### Digital

[Health Care and Climate Change: Telemedicine's Role in Environmental Stewardship - JAMA Network Open](#)

[Digital transformation and sustainability in healthcare and clinical laboratories – Clinical Chemistry and Laboratory Medicine](#)

[Accelerating UN Sustainable Development Goals with AI-Driven Technologies: A Systematic Literature Review of Women's Healthcare - Healthcare](#)

[Physiotherapy and ecosystem services: improving the health of our patients, the population, and the environment – Physiotherapy Theory & Practice](#)

### Education

[Combating climate change using education and training in pharmacology and therapeutics - Br J Clin Pharmacol](#)

[Faculty Development for Education for Sustainable Health Care: A University System-Wide Initiative to Transform Health Professional Education – Academic Medicine](#)

[The evolving call to action for including climate change and environmental sustainability themes in health professional education: A scoping review – Journal of Climate Change & Health](#)

### Food

[Estimated micronutrient shortfalls of the EAT–Lancet planetary health diet - The Lancet Planetary Health](#)

[Mechanisms underlying food insecurity in the aftermath of climate-related shocks: a systematic review - The Lancet Planetary Health](#)



### Estates & Facilities

[NHS England » NHS Net Zero Building Standard](#)

[NHS England » NHS clinical waste strategy](#)

[NHS England » \(HTM 07-01\) Management and disposal of healthcare waste](#)

[Retrofitting for Improving Indoor Air Quality and Energy Efficiency in the Hospital Building - Sustainability](#)

[A systematic literature review of carbon footprint decision-making approaches for infrastructure and building projects – Applied Energy](#)

[The carbon footprint of health system employee commutes – Journal of Climate Change & Health](#)

### Journal articles

[Sustainability of Entonox in obstetrics: a qualitative study | British Journal of Midwifery](#)

[Environmental Sustainability in the Cardiac Catheter Laboratory – Heart, Lung & Circulation](#)

[Operation clean up: A model for eco-leadership and sustainability implementation – Anaesthesia and Intensive Care](#)

[Climate-smart Actions in the Operating Theatre for Improving Sustainability Practices: A Systematic Review – European Urology](#)

[Addressing OR sustainability: How we can decrease waste and emissions \[hysterectomy procedures\]](#)

[The financial and environmental impact of purchased anaesthetic agents in an Australian tertiary hospital – Anaesthesia & Intensive Care](#)

[Introduction to an intensive care recycling program -Intensive Care Med](#)

[Developing environmental transformational leadership with training: Leaders and subordinates environmental behaviour outcomes – Journal of Cleaner production](#)

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**SHFT:** [library.services@southernhealth.nhs.uk](mailto:library.services@southernhealth.nhs.uk)



### *Medicines & Medical Equipment*

[Embedding education into clinical laboratory professional training to foster sustainable development and greener practice – Clinical Chemistry & Laboratory Medicine](#)

[The EU Green Deal: the challenge of greening medical technologies – Clinical Chemistry & Laboratory Medicine](#)

[Imperative: reducing the environmental impact of clinical laboratories – Clinical Chemistry & Laboratory Medicine](#)

### *Mental Health*

[Exploring sustainable care pathways - a scoping review | BMC Health Services Research](#)

[Moral injury as an inclusive mental health framework for addressing climate change distress and promoting justice-oriented care - The Lancet Planetary Health](#)

### *Procurement & Supply Chain*

[NHS England » Carbon reduction plan requirements for the procurement of NHS goods, services and works](#)

[Procurement Policy Note 06/21: Taking account of Carbon Reduction Plans in the procurement of major government contracts - GOV.UK \(www.gov.uk\)](#)

[NHS England » 2023/24 NHS Standard Contract](#)

[NHS England » NHS Provider Licence: standard conditions](#)

[A model for green order quantity allocation in a collaborative supply chain – Journal of Cleaner Production](#)

### *QI*

[Health and climate change: complex problems with co-benefits - The Health Foundation](#)

[Reducing Overuse – THIS.Institute/The Health Foundation](#)

[Nursing and climate change: How to reduce your environmental impact | CSH](#)

### *Thesis*

[Mitigating the carbon footprint of products used in surgical operations - Chantelle Rizan, Doctoral Thesis, The University of Brighton](#)

### *News*

[Patients to benefit from 18 pioneering innovations that also accelerate a greener NHS | SBRI Healthcare](#)

[Sustainability update: greener gardens and food : West London NHS Trust](#)

[UHL Hospital Hoppers go electric for more planet-friendly commutes \(leicestershospitals.nhs.uk\)](#)

[UK's 'most sustainable and efficient primary care centre' completed \(healthstatejournal.com\)](#)

[Net Zero Mental Health Care Research, Resources and Education | Royal College of Psychiatrists](#)

[Green energy & new tech to improve health for homeless patients: UCLH](#)

[London nursing school recognised for sustainability teaching | Nursing Times](#)

[Nature Recovery Rangers - NHS Forest Act now on the environmental and health crisis! - Zero Hour](#)



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### *Events/CPD*

[Short courses in sustainability, health and healthcare | Centre for Sustainable Healthcare](#)

[Environmental sustainability - The Health Foundation](#)

[Sustainability Leadership for Greener Health and Care Programme – Leadership Academy](#)

[MSc Climate Change & Planetary Health | LSHTM](#)

[NHS Carbon Reduction Plan \(CRP\) supplier webinar - NHS England Events](#)

[Net-Zero NHS, 5th April 2023 - NHE](#)

[The Hot Brain - Climate Change and Neuroscience | UCL Queen Square Institute of Neurology](#)

[RCP annual conference 2023 \(rcpmedicine.co.uk\)](#)

### *Listen & Watch*

[Education for sustainable healthcare – UK Health Alliance on Climate Change](#)

[Healthy People, Healthy Planet – A conference – UK Health Alliance on Climate Change](#)

[SE Greener NHS Lunch & Learn Nature & the NHS how biodiversity benefits mental health & the plan - YouTube](#)

[How healthcare professionals can be advocates for greener healthcare | Health Care Without Harm](#)

### *Further information*

[Centre for Sustainable Healthcare - Resources](#)

[Climate Cares](#)

[NICE Environment publications](#)

[Greener NHS \(england.nhs.uk\)](#)

[Health Care Climate Action](#)

[Greener Allied Health Professional hub](#)

[EcoQUIP | Health Care Without Harm \(noharm-europe.org\)](#)

[Fab NHS Stuff](#)

[@GreenerNHS](#)

[#Sustainablehealthcare](#)



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