



# Sustainability in Healthcare update February 2025

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Mental Health	E-books

## Case Studies

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

[Health care climate learning initiative | HCCA](#)

[First Wins Library - The Community of Practice for Climate Resilient and Low Carbon Sustainable Health Systems \(atachcommunity.com\)](#)

[Case Studies from the Green Team Competition | Sustainable Healthcare Networks Hub](#)

[New walking aid recycling scheme launches at Sheffield Teaching Hospitals](#)

[NHS delivery drones take flight offering faster and greener patient care | Guy's and St Thomas' NHS Foundation Trust](#)

[Reducing Nitrous Oxide Emissions and Waste - The Community of Practice for Climate Resilient and Low Carbon Sustainable Health Systems- NHS Scotland](#)

## Allied Health

[Environmental physiotherapy: knowledge, attitudes, and practices among physiotherapists in Iceland - Frontiers in Public Health](#)

[Environmentally sustainable person-centred care: Occupational therapy students' attitudes, perceptions and self-perceived preparedness for practice - Aust Occup Ther \*JClimate Change\*](#)

[Climate change and its environmental and health effects from 2015 to 2022: A scoping review: Heliyon](#)

[Journal of Evaluation in Clinical Practice | Health Services Research – J Eval in Clin Practice |](#)

[Health and associated economic benefits of reduced air pollution and increased physical activity from climate change policies in the UK – Environment International](#)

[Imaging Climate-Related Environmental Exposures: Impact and Opportunity - Can Assoc Radiol J](#)

[Planetary Health and Climate Action in Radiology - Can Assoc Radiol J](#)

[The climate crisis: actions to prioritize for anaesthesiologists - Current Opinion in Anesthesiology](#)

## Digital

[HealthAIoT: AIoT-driven smart healthcare system for sustainable cloud computing environments – Internet of Things](#)

[How can the model for a sustainable surgical pathway be enhanced by digital medicine? - Surgery](#)

[Pathways to Sustainable Health Care Development: Study on the Carbon Reduction Potential of Telemedicine in China - J Med Internet Res](#)

## Education

[Integrating environmental sustainability into the teaching of global health ethics from a students' perspective: new guiding questions – Glob Health Action](#)

[Pedagogical strategies for supporting learning and](#)

This update is also available online at <https://www.hantshealthcarelibrary.nhs.uk/latest-news.asp>

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

[student well-being in environmentally sustainable healthcare - Front Med](#)

### *Estates & Facilities*

[An integrated and optimized framework for hybrid renewable and hydrogen energy systems in the healthcare sector... - Int J of Hydrogen Energy](#)

[Optimization of combined electricity generation ... An approach to energy consumption reduction in a hospital building - Energy Conversion and Management](#)

### *Food & Nutrition*

[A comparative assessment of food waste and carbon footprint toward a more sustainable healthcare foodservice – Journal of Cleaner Production](#)

[Health and environmental dietary impact: Planetary health diet vs. Mediterranean diet. A nationwide cohort in Spain – Science of the Total Environment](#)

[Reported foodservice environmental sustainability practices in Australian healthcare and aged care services pre and post the onset of COVID-19 - Nutr Diet](#)

### *Infection Control*

[Sustainable vs. Conventional Cleaning in Healthcare: Microbiological and Life Cycle Insights - Sustainability](#)

### *Journal Articles*

[An evaluation of the stocks of target-controlled infusion \(TCI\) pumps in Irish departments of anaesthesia and an assessment of the stocks' ability to support transition to more environmentally sustainable general anaesthesia practice - Surgeon](#)

[A narrative review of personal protective equipment gowns: lessons from COVID-19 - Br J Anaesth](#)

[A Scoping Review of Interventions to Reduce the Environmental Footprint of Healthcare - Value in Health](#)

[Assessing the environmental impact of coronary artery bypass grafting to decrease its footprint - Eur J Cardiothorac Surg](#)

[Carbon footprints in the urologic field: From diagnosis to surgery - Investigative & Clinical Urology](#)

[Environmental and patient safety outcomes of a health-system Green Anesthesia Initiative \(GAIA\): a retrospective observational cohort study - The Lancet Planetary Health](#)

[Environmental Sustainability in ICUs: A Report From the Society of Critical Care Medicine Sustainability Task Force - Crit Care Med](#)

[Estimation of carbon footprint in nuclear medicine: illustration of a french department - Eur J Nucl Med Mol Imaging](#)

[Greenhouse gas emissions associated with severe asthma care in the United Kingdom - The Journal of Allergy and Clinical Immunology](#)

[Long-term exposure to air pollution and greenness in association with respiratory emergency room visits and hospitalizations: The Life-GAP project – Environmental Research](#)

[Patients' Attitudes Towards Integrating Environmental Sustainability Into Healthcare Decision-Making: An Interview Study – Health Expectations](#)

[Promoting green healthcare initiatives: A systematic literature review, conceptual framework and future research agenda – Journal of Cleaner Production](#)

[Reduction of carbon footprint is a benefit of the virtual interview – The Surgeon](#)

[Seventy-two shades of environmental sustainability in healthcare: A holistic framework proposal – Journal of Cleaner Production](#)

[Sustainability in Radiology: Position Paper and Call to Action...J Am Coll Radiol](#)

[Sustainability of healthcare system improvements, programmes and interventions in acute care settings: protocol for a mixed methods systematic review – BMJ Open](#)

[The CoolStick® as an alternative to ethyl chloride: a single-centre experience - BJA Open](#)

[The green ICU: how to interpret green? A multiple perspective approach - Crit Care](#)

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

[The Royal College of Ophthalmologists' National Ophthalmology Database study of cataract surgery: report 19... - Eye](#)

[Toward a greener vision: A review on advancing sustainability in ophthalmology – Asia-Pacific Journal of Ophthalmology](#)

[Utilising electronic anaesthesia records to audit nitrous oxide consumption and waste, and implementation of a loss monitoring system – BJA \(correspondence\)](#)

[Reusable MedTech in the NHS – Pioneering Sustainable Healthcare — Sustainable Healthcare](#)

### *Mental Health*

[Digital Mental Health Innovations in the Face of Climate Change: Navigating a Sustainable Future - Psychiatr Serv](#)

[National climate policies must address mental health - Nature](#)

### *Nursing & Midwifery*

[Climate change perceptions among nursing students: A comparative study between Finland and the United States - Nurse Educ Today](#)

[Critical care nurses' experiences on environmental sustainability: A qualitative content analysis - Intensive Crit Care Nurs](#)

[Sustainable healthcare futures: how digital leadership stimulates nurses' green creativity: a quasi-experimental study - BMC Nursing](#)

### *Pharmacy*

[Contribution of hospital pharmacists to sustainable healthcare: a systematic review | European Journal of Hospital Pharmacy](#)

[World Health Organisation- Greener Pharmaceuticals' Regulatory Highway](#)

*Reports/Policy Papers/Toolkits/Pathways*  
[NHS England » Health and climate adaptation report](#)

[Nitrous oxide toolkit: Reducing waste in NHS trusts - UCLPartners – New Feb 2025](#)

[Air Pollution Companion | RCPCH](#)

[Thematic Assessment Report on the Interlinkages among Biodiversity, Water, Food and Health | IPBES secretariat](#)

[Catalysing action on single-use items in healthcare – BUPA & Health Care Without Harm](#)

[Climate change and health: embedding ethics into policy and decision making – Nuffield Council on Bioethics](#)

[Intensive Care Environmental Sustainability Recipe Book - Intensive Care Society](#)

[Practical Guide for Building Climate-Resilient Health Systems | Health Care Without Harm \(Europe\)](#)

[UK Health Alliance on Climate Change - 2024 Report](#)

### *Research*

[Carbon emissions associated with clinical trials: A scoping review – Journal of Clin Epidemiology](#)

[Exploring the health impacts of climate change: Challenges and considerations for health services research - Health Serv Res](#)

[Measuring the environmental impact of health interventions in randomised controlled trials – a scoping review - Journal of Clinical Epidemiology](#)

*Research Study Invite* [FoodRx: Testing Healthy, Low-Carbon Menus in Hospitals](#)

### *Workforce*

[Embedding Sustainability in Organisations Through Climate, Culture, and Leadership - Sustainability](#)

[Organizational Environmental Policies and Pro-Environmental Behaviors: The Sequential Mediating Role of Organizational and Co-Worker Green Climates - Sustainability](#)

### *News*

[Strong Support Among WHO Member States For Health-Focused Action On Climate Change - Health Policy Watch](#)

[£42m funding to ensure health is central to net zero strategies – UKRI](#)

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

### *Events/CPD*

[NHS Net Zero 2025](#) Online conference 27<sup>th</sup> March 2025

[SusQI Showcase 2025 – Zoom](#)  
13<sup>th</sup> May 14.00-16.30

[SHARE 2025 - Sustainable healthcare: strengthening the evidence base for net zero health systems](#)  
Online - Friday 20<sup>th</sup> June 2025 10:00-17:00

[NHS of the Future 2025](#) Online 2<sup>nd</sup> October 2025

[Small Steps to Sustainability](#) Monthly workshops on specific areas in sustainability until November 2025

[RCOG Climate and health e-learning modules](#)

[Delivering greener, more sustainable, net zero mental healthcare \(rcpsych.ac.uk\) e-learning](#)

[Courses - Academy of Medical Royal Colleges](#)

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

[Training hub - Greener NHS Knowledge Hub - FutureNHS Collaboration Platform](#)

[Carbon Literacy for healthcare - elearning for healthcare – Updated](#)

[WHO Technical Webinar Series on Climate Change and Health](#)

[Healthcare and sustainability education and training - CPDmatch](#) - find courses, conferences, webinars, study days and relevant articles.

### *Listen / Watch / Read*

[Clean Air Hub | Global Action Plan](#)

[Climate change Bulletin | The Knowledge Network Scotland](#)

[The Lancet Planetary Health, February 2025, Volume 9, Issue 2, Pages e79-e168](#)

### *E-Books*

NHS England 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](#)



Climate action at  
**Hampshire  
Hospitals**

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