



Sustainability in Healthcare update June 2025

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[NHS ten-year plan: sustainability and the three big shifts — Centre for Sustainable Healthcare](#)

[Impact of climate change and environmental adversities on maternal and fetal health: the role of clinical practices and providers in mitigating effects and prioritising women's health in the UK - Front Glob Womens Health](#)

Case Studies

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

[Case Studies from the Green Team Competition](#)

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

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

[A world first for sustainability - Maidstone and Tunbridge Wells NHS Trust](#)

[Yorkshire Ambulance Service unveils new eco-friendly vehicles | Yorkshire Ambulance Service](#)

[Greener MRI scanner set to widen research opportunities at the RFL | Royal Free London](#)

Allied Health

[Excellence in a Changing Climate: A Case for Climate-Informed, Environmentally Conscious Physical Therapy Education - J Phys Ther Educ](#)

Climate Change

[Climate Change and Respiratory Health: Opportunities to Contribute to Environmental Justice: An Official American Thoracic Society Workshop Report - Ann Am Thorac Soc](#)

Digital

[A pilot study of the hidden costs of leaving on hospital computer monitors: can OMFS lead the way? – Br J of Oral and Maxillofacial Surgery](#)

Education

[Implementing sustainable anaesthesia: challenges and opportunities in education – BJA](#)

[Practical tools to align planetary health objectives within the current Liaison Committee on Medical Education accreditation Process – J of Climate Change and Health](#)

Global Health

[Adapting to climate change: strategies and perspectives from humanitarian health workers – A qualitative study – J of Climate Change & Health](#)

[Bringing climate health conversations to frontline clinics: A qualitative post-intervention assessment of utilization of the Climate Resilience for Frontline Clinics Toolkit – J of Climate Change & Health](#)

Estates & Facilities

[Challenges and opportunities for the design and construction of a sustainable hospital | Innovative Infrastructure Solutions](#)

[Forecasting medical waste generation and estimating waste to energy potentials with](#)

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

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[associated greenhouse gas emissions: A holistic analysis – Sustainable Futures](#)

[Net zero in healthcare buildings: Lessons from assessing the strategies of 214 NHS trusts in England – Building & Environment](#)

[Potential for climate protection in hospitals -e-Prime - Advances in Electrical Engineering, Electronics and Energy](#)

Guidance

[New guidance to support management of patients during extreme heat – UK Health Alliance on Climate Change](#)

[Climate change explained - GOV.UK](#)

[Green plan guidance - NHS England](#)

Journal Articles

[Sustainability and Cataract Surgery - Advances in Ophthalmology and Optometry](#)

[A Health Care System's Path to Carbon Neutrality: Addressing Climate Change and Role of Healthcare - AJPM Focus](#)

[Anaesthesia Waste Gases and Bioethics: Balancing Patient Care, Environmental Responsibility, and Occupational Safety - Dev World Bioeth](#)

[Carbon emissions from clinical activities by speciality in secondary and tertiary care in England: an exploratory cross-sectional analysis of routine administrative data - The Lancet Regional Health - Europe](#)

[Carbon Emissions From Different Dialysis Modalities: A Life Cycle Assessment - American Journal of Kidney Diseases](#)

[Challenges in achieving more sustainable anaesthesia practices: a narrative review of waste reduction – BJA Open](#)

[Cost-effective strategies for reducing carbon emissions in plastic surgery - Journal of Plastic, Reconstructive & Aesthetic Surgery](#)

[Delivering health care without degrading health: Factors associated with hospital commitment to environmental sustainability - Health Care Manage Rev.](#)

[Effects of departmental green anaesthesia interventions on carbon dioxide equivalent emissions: a systematic review - BJA](#)

[Environmental impact of minimally invasive procedures: life cycle assessment of two hospital care pathways - Resources, Conservation and Recycling](#)

[Exploring the carbon impact of virtual wards in a large acute hospital | BMJ Innovations](#)

[Green Leadership and Environmental Performance in Hospitals: A Multi-Mediator Study - Sustainability](#)

[Hand and Upper-Extremity Surgeons Are Poised to Lead Efforts in Promoting Sustainability in the Operating Room – Journal of Hand Surgery](#)

[Impact of desflurane removal from the operating room on carbon dioxide emissions at a tertiary academic medical centre: a retrospective analysis - BJA](#)

[Local level health preparedness for adverse weather: A review of Community Risk Registers in England – J of Climate Change & Health](#)

[Plant Derivatives in Single-Use Medical Products: Advancing Sustainability in Healthcare System - International Journal of Polymer Science](#)

[Perspectives on technology: All STEPS count - an integrated framework for net zero urological care - BJU Int](#)

[Recycling in Ambulatory Gastrointestinal Endoscopy, a Single Center Experience - Am J Gastroenterol](#)

[Reducing Inhaler-Related Greenhouse Gas Emissions – JAMA](#)

[Should healthcare professionals include aspects of environmental sustainability in clinical decision-making? A systematic review of reasons – BMC Med Ethics](#)

[Siloed thinking: The case for integrating economic and environmental analysis in critical care - Critical Care and Resuscitation](#)

[Simple Steps Towards Sustainability in Healthcare: A Narrative Review of Life Cycle Assessments of Single-](#)

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[Use Medical Devices \(SUDs\) and Third-Party SUD Reprocessing - Sustainability](#)

[Sustainability and minimization of carbon footprint in ophthalmology: what can we change in the outpatient clinic routine? - Eye](#)

[Sustainable Healthcare Plastic Products: Application of the Transition Engineering Design Approach Yields a Novel Concept for Circularity and Sustainability - Sustainability](#)

[Sustainable healthcare practices: Pathways to a carbon-neutral future for the medical industry – Sustainable Futures](#)

[The global surgical triple goal: Surgery must improve health, be equitable, and environmentally sustainable – J of Climate Change & Health](#)

[The interplay of factors influencing the carbon footprint of hospital care—A causal mapping analysis of scientific reports - J of Climate Change & Health](#)

Mental Health

[Coping strategies for climate change anxiety: a perspective on building resilience through psychological capital | BMJ Mental Health](#)

[Identifying impacts of extreme weather events on mental health in the Republic of Ireland using the Impact of Event Scale-Revised \(IES-R\) index and machine learning – J of Environmental Psychology](#)

[Transforming health psychology and behavioral medicine to address the climate crisis: A call for strategic research and advocacy - Health Psychol](#)

Nursing & Midwifery

[A Cross-Cultural Validation of the Italian Version of the Nurse's Environmental Awareness Tool \(NEAT\) - World](#)

[Climate Change Worry and Environmental Sensitivity Among Nursing Students - Selçuk Tosun - Public Health Nursing](#)

[Factors associated with nursing students' support for the implementation of environmental measures in healthcare services to reduce carbon footprint: a multisite cross-sectional correlation study – BMC Nurs](#)

[Navigating sustainable practice: environmental awareness and climate change as mediators of green competence of nurses – BMC Nurs](#)

[Sustainability in undergraduate nursing clinical simulation: A mixed methods study exploring attitudes, knowledge and practices – Nurse Education Today](#)

[The relevance of climate change and sustainability in nursing education: a cross-sectional study of students' perspectives – BMC Nurs](#)

Pharmacy

[Advancing pharmaceutical waste management: An agent-based approach to enhance consumer participation in circular economy - Waste Manag](#)

[Teleworking by hospital pharmacists: Another step to achieve decarbonization of the healthcare system - Am J Health Syst Pharm](#)

Procurement

[NHS England » NHS Social Value Playbook](#)

Reports/Policy Papers/Toolkits/Pathways

[10-steps-to-a-Greener-HIV-and-Sexual-Health-Clinic Toolkit – Centre for Sustainable Healthcare](#)

[Actions to jointly address climate change and biodiversity loss in England - GOV.UK](#)

[Tackling climate misinformation - Met Office](#)

[Draft Global Action Plan on Climate Change and Health – WHO](#)

[Health at the heart of national adaptation planning: a global review of national adaptation plans and health national adaptation plans: executive summary](#)

[NHS ten-year plan: sustainability and the three big shifts — Centre for Sustainable Healthcare](#)

[Resources Archive - NHS Forest](#)

[Resilience Roadmap | UK Green Building Council](#)

[State of the UK Climate - Met Office](#)

Research

[Endoscopic Sustainability PrimARy Reporting Essentials \(E-SPARE\): European Society of](#)

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[Gastrointestinal Endoscopy \(ESGE\) Position Statement - Endoscopy](#)

[Environmental impact, cost, and acceptability of a laboratory sustainability certification program for biomedical research in an academic medical center – J of Climate Change & Health](#)

SuSQI

[Integrated Quality and Environmental Management in Healthcare: Impacts, Implementation, and Future Directions Toward Sustainability - Sustainability](#)

News/Commentary/Opinion

[MHRA approves world's first low-carbon version of COPD inhaler Triexo Aerosphere - GOV.UK](#)

[More than 40 Superdrug pharmacies achieve bronze status under RPS greener pharmacies scheme - The Pharmaceutical Journal](#)

['Virtual ward' bed uses four times less carbon than traditional inpatient bed](#)

Events/CPD

[The LDN Sustainable Healthcare Academy — LDN Apprenticeships](#)

[NHS of the Future 2025](#) [Online 2nd October 2025](#)

[NHS Forest Conference 2025 - online 2nd October](#)

[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](#)

[Nature and Healthcare — CSH E-Learning course](#)

[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

[Climate change and continued professional development \(CPD\): Is it time for all CPD diaries to include carbon footprint estimates? – Future Healthcare Journal](#)

[Defying Environmental Deregulation: As Protections Erode, Health Care Must Lead Sustainably - JAMA](#)

[Sustainable Maternity Care in focus: lessons from the frontline — Sustainable Healthcare](#) [Blog](#)

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

[The Lancet Planetary Health, June 2025, Volume 9, Issue 6, Pages e448-e565](#)

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](#)

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