



Sustainability in Healthcare update September 2025

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*[Five years of a Greener NHS: an improved carbon footprint assessment of the National Health Service in England - Lancet](#) Pre-print

Climate Change

[Climate change and child health: The growing burden of climate-related adverse health outcomes – Environmental Research](#)

[Climate resilience as a strategic lever for long-term healthcare sustainability: a narrative review – British J of Anaesthesia](#)

[Diagnosing earth's tipping points: where we stand in the Anthropocene – Frontiers in Public Health](#)

[Priority climate and health modelling needs - The Lancet Planetary Health](#)

Digital

[Artificial intelligence technology in environmental research and health: Development and prospects – Environmental Research](#)

[Greenhouse gas emissions due to long-term data storage of CT with reformat and strategies for mitigation - Eur Radiol](#)

Education

[A Novel Approach for Quantifying the Carbon Footprint of Different Medical Education Teaching Modalities in an NHS Hospital Trust - Clin Teach](#)

Estates & Facilities

[Environmental Sustainability in Next-Generation Hospitals. Identifying Needs and Requirements from Healthcare Organizations and Industry Stakeholders - Ann Ig](#)

Food & Nutrition

[Dish swap across a weekly menu can deliver health and sustainability gains – Nat Food](#)

Case Studies

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

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

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

[Case Studies - Plants First Healthcare](#)

[Join in the great crutch clear out as NHS urges people to give walking aids a new lease of life :: South Tyneside and Sunderland NHS Foundation Trust](#)

[Wrightington, Wigan and Leigh Teaching Hospitals Green Team Competition 2025 — Sustainable Healthcare](#)

NHS

[Decarbonizing the Healthcare Estate: Lessons Learned from NHS Trust Green Plans in England - Sustainability](#)

[Design Thinking, Acting, and Making Net Zero Transformational Change Across NHS Scotland - Societies](#)

[Five years of a Greener NHS: an improved carbon footprint assessment of the National Health Service in England - Lancet](#)

[Strategic menu optimization could reduce carbon emissions and saturated fat consumption: a simulation modelling study of UK hospital inpatient meals - Philos Trans R Soc Lond B Biol Sci](#)

Global Health

[Climate-smart public health for global health resilience - The Lancet Planetary Health](#)

[Health and Climate at COP29: Advancing Integration and Bridging Research Gaps | Annals of Global Health](#)

[The interaction between air pollution, weather conditions, and health risks: a systematic review – Science of the Total Environment](#)

Guidance

[Health Effects of Climate Change \(HECC\) report: cold - GOV.UK](#)

Journal Articles

[A survey to understand the knowledge and perception on climate change: a Delphi study on health professionals – Nurse Education Today](#)

[Carbon Emissions From Different Dialysis Modalities: A Life Cycle Assessment - Am J Kidney Dis](#)

[Carbon footprint reduction in shoulder surgery by the rationalisation of single-use convenience packs – Shoulder & Elbow](#)

[Environmental Impact of Computer-Aided Diagnosis in Colonoscopy: A Carbon Footprint Assessment of a Prospective Study Cohort - Endoscopy](#)

[Environmental Impact of Eye Care Procedures and Visual Healthcare Services: A Systematic Review and Meta-Analysis - Ophthalmology](#)

[Green nephrology: environmentally sustainable kidney care in pediatrics - Pediatr Nephrol](#)

[Harmonizing environmental and economic forces in urologic care - Curr Opin Urol](#)

[Impacts of climate change on cancer risk, clinical outcomes, and care delivery: A scoping review – Journal of Climate Change & Health](#)

[Lifetime air pollution exposure from prenatal to 18 years and cardiovascular health in young adulthood: findings from a UK birth cohort – Environment International](#)

[Quantifying the environmental and economic impact of telephone follow-up in hand surgery: A single surgeon's experience - Journal of Hand and Microsurgery](#)

[Sustainable ophthalmology: an overview of concepts and practices | Eye](#)

[Sustainable surgery in Ireland: Policy, practice, and the role of institutions – The Surgeon](#)

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

[Sustainability in Cataract and Refractive Surgery: Current Challenges and Future Perspectives - Journal of Ophthalmology](#)

[Sustainability practices made easy - Eye](#)

[Sustainability in the Interventional Radiology Suite: Environmental and Financial Implications - Cardiovasc Intervent Radiol](#)

[The climate and health impact of U.S. radiation therapy: estimating greenhouse gas emissions, DALYs, and potential of hypofractionation - Radiotherapy and Oncology](#)

[Ultrasound Goes Echo-Decarbonising Inflammatory Bowel Disease Care Through Intestinal Ultrasound - Aliment Pharmacol Ther](#)

Mental Health

[Climate Change and Kids' Well Being: A New Guide for Parents and Other Caring Adults Parents & Caregivers | CMHN](#)

[Systems-level risks of the climate crisis are currently missed: A mental health lens | PLOS Climate](#)

Nursing & Midwifery

[Green Maternity Report 2025 | RCOG](#)

[On the way to sustainability: the role of green marketing strategies and best practices of TQM on](#)

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This update is also available at: <https://www.hantshealthcarelibrary.nhs.uk/sustainability-in-healthcare-bulletins.asp>

[green performance among nurse managers - BMC Nurs](#)

[The Relevance of Sustainability and the Climate Crisis to the Nursing Profession and Nursing Education: A Literature Review - J Nurs Scholarsh](#)

[Understanding Online Registered Nursing Students' Attitudes Towards Environmentally Sustainable Healthcare - Nurs Rep](#)

[Upholding Planetary Health Through Nursing Leadership in a Fragmented Global Landscape - J Adv Nurs](#)

Pharmacy

[Climate conscious pharmacy practice: a qualitative interview study with pharmacists in the context of respiratory health care - Int J Clin Pharm](#)

[Valuing Medicines Strategy-Publication Document | Department of Health, Northern Ireland](#)

Reports/Policy Papers/Toolkits/Pathways

[Child health and the exposome: Athlete](#)

[Delivering for climate and health: insights from UK decision-makers - Grantham Institute – Climate Change and the Environment | Imperial College London](#)

[Green Maternity Report 2025 | RCOG](#)

[NHS England » Five years of a greener NHS: progress and forward look](#)

[Real-time forecast of heat-related excess mortality during June 2025 heatwave | Grantham Institute – Climate Change and the Environment | Imperial College London](#)

[Reusable medical products in the NHS: adoption, barriers, and enablers — Sustainable Healthcare](#)

SusQI

[Sustainability in Quality Improvement: how the NHS can cut costs and carbon — Sustainable Healthcare](#)

News/Commentary/Opinion

[Researchers launch study to tackle environmental impact of single-use diagnostic tests | Heriot-Watt University](#)

[Plastic pollution is a worsening public health crisis, but there are solutions | The BMJ](#)

[Stop the government banking with banks who invest in fossil fuel companies - Petitions \(raised by an NHS nurse\)](#)

[State of Europe's environment not good: threats to nature and impacts of climate change top challenges | European Environment Agency](#)

Events/CPD

[Building Sustainable Healthcare 2025 7/11/25 Online](#)

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

[Environmentally Sustainable Healthcare - elearning for healthcare](#)

[Sustainability Analysis and Quality Improvement in Nursing and Midwifery — CSH Course – see link for dates – free for registered nurses & midwives](#)

[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](#)

Listen / Watch / Read

[NHS England » Five years of net zero – progress and promise Blog](#)

[GOSH pods goes Green S3 - Episode 1: An Introduction to sustainable medications Podcast](#)

[Net Zero: The inside story of the UK's climate target- Grantham Institute - YouTube](#)

[Tackling climate misinformation - Met Office](#)

E-Books

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

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