

Sustainability in Healthcare update May 2026

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Case Studies

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

[Reusable theatre hats project wins regional NHS Excellence Award :: North Cumbria Integrated Care](#)

[Greener inhaler use cuts carbon emissions across OUH - Oxford University Hospitals](#)

NHS

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

Climate Change

[Association of climate change with the spread of antimicrobial resistance genes in Salmonella: a longitudinal ecological and modelling study - The Lancet Planetary Health](#)

[Climate Change and the Impact On Interstitial Lung Diseases – Pulm Ther](#)

[Creating and Maintaining a "Climate-Smart" Emergency Department: A Scoping Review of](#)

[Current Progress and Future Potential - West J Emerg Med](#)

[The 2026 Europe report of the Lancet Countdown on health and climate change: narrowing window for decisive health action - The Lancet Public Health](#)

Digital

[Green artificial intelligence in health applications - Artif Intell Med](#)

[Investigating the effects of artificial intelligence on pro-environmental knowledge orchestration and green product innovation: empirical insights from medical equipment suppliers – Journal of Cleaner Production](#)

[Remote assessment and practice implementation for disorders in ears, nose and throat: a mixed-methodology observational study in the United Kingdom - BMJ Open](#)

Education

[Educating current and future healthcare professionals on evidence-based sustainable medicine – Cin Med](#)

[UK Health Alliance on Climate Change - How-to-educate-Members.pdf](#)

Estates & Facilities

[NHS Property Services Cuts Carbon Emissions by 5.2 per cent](#)

[Preparing NHS estates for low-carbon heat - HEJ](#)

Food & Nutrition

[EAT–Lancet index 2.0: a dietary index measuring adherence to the Planetary Health Diet 2.0 - The Lancet Planetary Health](#)

Global Health

[Climate change and chronic kidney disease: A global analysis integrating the global burden of disease study 2021 with TerraClimate data – Environmental Research](#)

[Climate change and infectious diseases: breaking the poverty-disease-environment trap - Infect Dis Poverty](#)

[Eco-Nutrition and Systems-Based Practice: A Narrative Review - Journal of Human Nutrition and Dietetics](#)

[Healthcare sustainability and the planetary crisis: A solution orientation - Eur J Intern Med](#)

[Inequalities in health-care carbon footprints and implications for demand-side interventions: a global assessment across population groups - The Lancet Planetary Health](#)

[Systematic review and meta-analysis of interventions for mental health in extreme weather events | BMJ Global Health](#)

Guidance

[Local Authority Risk and Adaptation Toolkit: Heat Edition - GOV.UK](#)

[Extreme Weather | Climate Mental Health Network](#)

Journal Articles

[Advancing and integrating climate and health policy in the United Kingdom: Insights from national policy actors - The Journal of Climate Change and Health](#)

[A systematic review and meta-analysis comparing the health burden of extreme heat and cold on mortality and urgent care utilization - Int J Hyg Environ Health](#)

[Balancing science and sustainability in ART: An international survey of green issues in IVF laboratories - Reproductive BioMedicine Online](#)

[Carbon footprint of a clinical biochemistry platform in a French university hospital: Identifying the main greenhouse gas emission sources - J Clim Chang Health](#)

[Choosing reusable operating theatre devices at an Australian health service avoids hundreds of tonnes of waste and could save millions of dollars per annum - Anaesth Intensive Care](#)

[Cutting waste in bronchoscopy - a multicenter observational study in the German healthcare system - Chest](#)

[E\(co\)-health evolution: comparative life-cycle assessment of the virtual fracture clinic versus conventional inperson follow-up - Emerg Med J](#)

[Environmental impact of total hip replacements: a life cycle assessment study – BMJ Open](#)

[Environmental Sustainability in Dialysis Units: A Scoping and Integrative Review of Challenges and Innovations in Nephrology - Healthcare](#)

[Environmental sustainability in palliative care: a narrative review - Ann Palliat Med](#)

[Equipping perinatal teams to practice climate-smart healthcare - J Perinatol](#)

[Greener dialysis in practice: life cycle assessment of sustainable practice changes in haemodialysis care - BMC Nephrol](#)

[Health Care Sustainability: Strategies for Operating Rooms and Urogynecologic Procedures - Urogynecology](#)

[Heat-related deaths in social care in England: can the Care Quality Commission ratings system be used to identify care homes that would benefit most from heat adaptation measures? - Age Ageing](#)

[Incorporating air quality health impacts into the social cost of carbon | Nature Climate Change](#)

[Increasing risk of stroke with increased climate vulnerability: Assessing stroke burden and access to health care according to the climate vulnerability index in the United States - J Stroke Cerebrovasc Dis](#)

[Life Cycle Assessment of HoLEP: Quantifying Environmental Impact and Opportunities for Sustainable Urologic Surgery - Eur Urol Open Sci](#)

Contact the Healthcare Library Services at: library.services@hhft.nhs.uk and hiowh.libraryservices@nhs.net
This update is also available at: <https://www.hantshealthcarelibrary.nhs.uk/sustainability-in-healthcare-bulletins.asp>

[Measuring the carbon cost of hand surgery: A single-centre observational study - Journal of Hand and Microsurgery](#)

[Physiological and biological response to heat exposure in pregnancy: a systematic review and meta-analysis - The Lancet Planetary Health](#)

[Prenatal air pollution exposure is associated with altered neurodevelopmental outcomes in early childhood - The Journal of Physiology](#)

[Quantifying the environmental footprint of primary hip and knee arthroplasty: a systematic review and pooled-analysis of waste generation and carbon emissions - International orthopaedics](#)

[The carbon footprint of surgical and non-surgical skin cancer appointments - Clin Exp Dermatol](#)

[The contribution of patient travel for phlebotomy to the carbon footprint of clinical laboratories - Clin Biochem](#)

[The environmental impact of diagnosis and therapy in obstructive sleep Apnea: A systematic review - Sleep Med Rev](#)

[The environmental impact of diagnostic imaging: opportunities for pediatric radiologists - Pediatr Radiol](#)

[The future of sustainable sanitary napkins: Application of biodegradable materials and waste management - Results in Engineering](#)

[The intraoperative carbon footprint of burn surgery: A prospective case-level analysis - Journal of Plastic, Reconstructive & Aesthetic Surgery](#)

[The Value Proposition: What OEM Physicians Bring to Healthcare Sustainability - J Occup Environ Med](#)

[Using a planetary health lens to quantify intravenous use of bioequivalent antimicrobials when oral administration is feasible - J Assoc Med Microbiol Infect Dis Can](#)

[Using Life Cycle Assessments to Measure the Environmental Impact of Alternative Care Models in the Neonatal Intensive Care Unit - IJERPH](#)

Mental Health

[Climate-Related and Nature-Based Interventions for Mental Health: An Umbrella Review and Meta-Analysis - JAMA Psychiatry](#)

[Heat Exposure and Hospital Admissions for Mental Health Disorders in a Changing Climate - J Am Acad Child Adolesc Psychiatry](#)

Nursing & Midwifery

[A Nurse's Perspective on Decarbonising the Operating Room: Evidence, Leadership and Next Steps - J Clin Nurs](#)

[Climate change and sustainable healthcare practices in nursing: A multi-country exploratory online survey – J Climate Change & Health](#)

[Heat-related challenges and interventions in hospitals: A future-oriented, qualitative approach to improve nurses' working conditions - J Clim Chang Health](#)

[Moral Courage Mediates the Relationship Between Ethical Climate and Sustainable Environmental Health Literacy Among Nurses - Int. J. Environ. Res. Public Health](#)

[Nurse leaders' perspective on heat-related challenges and work-organizational interventions in inpatient care settings in Germany: A qualitative descriptive study - J Clim Chang Health](#)

Reports/Policy Papers/Toolkits/Pathways

[A Well-Adapted UK – the Fourth Independent Assessment of UK Climate Risk – UK Climate Change Committee](#)

[Lancet MedZero](#) - Search for anything in health and healthcare to view its carbon footprint

[Pregnancy in a warming world | Wellcome](#)

[Standards for Official Statistics on Climate-Health Interactions \(SOSCHI\) - Statistical Framework Report](#)

[Sustainable pathology practice: A toolkit for climate resilient diagnostics and clinical practice – Royal College of Pathologists](#)

[Teaching toolkit: an introduction to healthcare sustainability | RCP](#)

Research

[Do remote clinical trials offer carbon savings while maintaining research quality? Experiences from the Eczema Bathing Study - Skin Health Dis](#)

SusQI

[Greening the Operating Room: A Quality Improvement Initiative to Boost Recycling - Nurs Crit Care](#)

News/Commentary/Opinion

[Climate change: UK hospitals urgently need cooling systems as deaths and admissions are set to rise, government backed report warns | The BMJ](#)

[Heatwave: Warnings are issued over death risk and NHS pressures across England | The BMJ](#)

[Reducing emissions alone won't stop climate change: new research – The Conversation](#)

Events/CPD

[CleanMed - Health Care Without Harm Europe 23-25 June 2026 Hybrid Conference](#)

[NetZeroNHS 2026: The NHS Sustainability & Innovation Conference](#)

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

[Introduction to the core knowledge, skills and behaviours that all NHS staff need to contribute to NHS net zero - Greener NHS E-Learning](#)

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

[Sustainability courses for nurses and midwives – Sustainable Healthcare Free courses for registered nurses and 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](#)

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

Listen / Watch / Read

[What are climate tipping points and how might they affect the UK? – UK Parliament](#)

[What your local council can actually do to tackle the climate crisis – The Conversation](#)

[Child drownings spike during heatwaves – and it's a serious climate justice issue – The Conversation](#)

[Climate Change Podcast | Outrage + Optimism](#)

[Who should pay for the health impacts of the climate crisis? The Guardian Podcast](#)

[Silent signals: Autism, disability, and heat vulnerability in a warming world – Global Public Health](#)

[The Journal of Climate Change and Health](#)

[The Lancet Planetary Health](#)

[Climate change bulletin - The Knowledge Network Public Health Scotland,](#)

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](#)

NEW e-book [Education for Sustainable Healthcare: Stories, Strategies, and Solutions from the MSC ESH Alliance](#)

Contact the Healthcare Library Services at: library.services@hhft.nhs.uk and hiowh.libraryservices@nhs.net
This update is also available at: <https://www.hantshealthcarelibrary.nhs.uk/sustainability-in-healthcare-bulletins.asp>