



Sustainability in Healthcare update February 2026

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Case Studies

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

[University Hospitals of Leicester NHS Trust – Awarded “Excellent” Modeshift STARS Accreditation status”](#)

[Leading the NHS the sustainable way - South Tees Hospitals NHS FT](#)

[Trafford Hospital Decarbonisation Journey](#)

[A&Es deliver estimated 131,502kg of CO2e savings through latest cycle of RCEM’s GreenED Programme - RCEM](#)

[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](#)

NHS

[One in five NHS Trusts lack clear Net Zero roadmaps- HSJ](#)

[Quantifying the health-care burden of temperature in the National Health Service in England: an economic analysis of resource use and costs - The Lancet Planetary Health](#)

[Staff awareness and engagement with the Green Plan: A cross-sectional survey of one of the largest NHS trusts in the UK – Health Policy](#)

[Tree pollen and asthma-related hospital admissions in England: a national case time series analysis – Environment International](#)

Climate Change

[Climate Change Is Fuelling the AMR Crisis - EMJ](#)

[Toward a "green" brain health agenda: establishing short- and long-term goals for the field of neurology in a changing climate - Front Neuro](#)

Allied Health Professionals

[Climate change – How does it affect Physiotherapists and what can we do about it? editorial](#)

Digital

[A quantitative bibliometric evaluation of artificial intelligence in sustainable and digital healthcare based on scopus data \(1995–2025\) | Discover Computing](#)

[Harnessing Artificial Intelligence and Digital Technologies for Sustainable Healthcare Delivery in Saudi Arabia: A Comprehensive Review, Issues, and Future Perspectives | Sustainability](#)

[Implications of Incorporating Environmental Sustainability into Health Technology Assessment for Digital Health Technologies – Value of Health](#)

[Prompt-Driven ChatGPT Carbon Calculator for Dental Practices: Estimation and Tailored Improvement Strategies - Int Dent J](#)

[The digital-environmental tension: Managerial attention to digital transformation and energy consumption in healthcare organizations - Technological Forecasting and Social Change](#)

Education

[Healthcare Decarbonisation Education for Health Profession Students: A Scoping Review - Sustainability](#)

Estates & Facilities

[Assessing waste management, recycling practices, and staff attitudes towards recycling in a single-centre tertiary-level intensive care unit - Aust Crit Care](#)

[Biodegradable bioplastics in healthcare: opportunities, challenges and sustainable recycling - RSC Sustainability](#)

[Interventions to reduce greenhouse gas emissions from health-system solid waste: a systematic review - The Lancet Planetary Health](#)

Food & Nutrition

[Enhancing food presentation and service in a pediatric hospital ward: Effects on children's food perceptions - Food and Humanity](#)

[Food Waste in Hospitals: Determining Factors and Sustainable Strategies for Mitigation | Sustainability](#)

[Nutritional adequacy of the EAT-Lancet diet: a Swedish population-based cohort study - The Lancet Planetary Health](#)

[Positive attitudes and beliefs drive the intention to adopt a more plant-derived diet in hospitals: Insights from patients and healthcare professionals - Clin Nutr](#)

Global Health

[Global health burdens of plastics: a lifecycle assessment model from 2016 to 2040 - The Lancet Planetary Health](#)

[Mortality, morbidity and healthcare costs of short-term high temperatures and heatwaves exposure in older populations: a global systematic review and meta-analysis – Environment International](#)

Guidance

[Environmental Lessons Learned and Applied \(ELLA\): a new framework for identifying, prioritising and implementing decarbonisation interventions in clinical care pathways | BMJ Evidence-Based Medicine](#)

Journal Articles

[An Efficient Screening Life Cycle Assessment Approach: Assessing the Environmental Impact of Dialysis Treatments - Advances in Therapy](#)

[Assessing Environmental Sustainability in Acute Care Hospitals: A Survey-Based Snapshot from an Italian Regional Health System - Int. J. Environ. Res. Public Health](#)

[Assessing the carbon footprint of anaesthesia techniques in Caesarean delivery: a single centre prospective observational study - BJA](#)

[Assessment of Instrument Utilization in Cesarean Births: Taking a Step Toward Sustainability - Jt Comm J Qual Patient Saf](#)

[Calculating Carbon Reduction via Pediatric Outreach Clinics From a Surgical Patient Cohort - J Surg Res](#)

[Enablers and barriers for using reusable trocars: a qualitative study of surgeons' and residents' perspectives – Surg Endosc](#)

[Environmental Impact of a Tooth Extraction: Life Cycle Analysis in a University Hospital Setting - Community Dent Oral Epidemiol](#)

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

[Environmental sustainability assessment of a single-use, battery-powered laparoscopic surgical stapler - Science of The Total Environment](#)

[Overview of Climate Change, Pollution, and Sustainability in the Rheumatic and Autoimmune Diseases - Rheum Dis Clin North Am](#)

[Patients' and medical specialists' attitudes on follow-up care and climate impact in gynaecological oncology: a nationwide survey - Eur J Obstet Gynecol Reprod Biol](#)

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>

[Reducing Waste in Dermatologic Surgery: An Evidence-Based Review of Sustainability Strategies - : Dermatologic Surgery](#)

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

[Sustainability and Procedural Dermatology - Dermatol Clin](#)

[Sustainability in vitreoretinal surgery: environmental impact and carbon emission reduction strategies - Int Ophthalmol](#)

[Sustainable anesthesiology: evidence-based strategies for environmental stewardship in perioperative care - J Anesth](#)

[Sustainable Intensive Care: Do Not Forget IV to Oral Switch! – Crit Care Med](#)

[The carbon footprint of group and save in elective and emergency surgery - Ann R Coll Surg Engl](#)

[Tracking progress on environmentally sustainable healthcare in the U.S.: survey results from climate-leading hospitals - The Journal of Climate Change and Health](#)

Mental Health

[Climate change and mental health: A multinational study of climate-anxiety, coping, and psychosocial responses - Asian J Psychiatr](#)

[Climate resilience adaptation and psychiatric emergency services utilization during extreme heat in Boston, MA: a difference-in-differences analysis - Environment International](#)

[Effects of environmental air pollution on anxiety and depression in adults: an updated systematic review and meta-analysis – Environmental Research](#)

[The Impact of the Climate Crisis on Mental Health: A Systematic Literature Review | Sustainability](#)



Nursing & Midwifery

[Climate Action and Decarbonization Advocacy - Am J Nurs](#)

[Contextual Variability in Nurses' Discourses on Environmental Sustainability Across Intensive Care Settings: An Exploratory Lexical Analysis - Nursing in Critical Care](#)

[Nurses' Sustainability Consciousness as a Catalyst for Green Creativity and Workplace Thriving - Int Nurs Rev](#)

[Telehomecare as a Catalyst for a Multifaceted Transformation Towards Sustainable Practices: A Qualitative Study From a Practical Nurses' Perspective – J Adv Nurs](#)

[The role of midwives in advancing planetary health: Insights from the GREEN MOTHER project in Spain - Women Birth](#)

Pharmacy

[The Climate Impact of Medicines in the Hospital Sector: A Scoping Review - Basic Clin Pharmacol Toxicol](#)

[The greener prescription: Life cycle environmental impact of oral and IV penicillin treatments - Sustainable Chemistry and Pharmacy](#)

[Environmental sustainability of healthcare system in the era of One Health: a pharmaceuticals residues point of view – One Health Advances](#)

[Pharmaceutical pollution from health care: a systems-based strategy for mitigating risks to public and environmental health - Lancet Planet Health](#)

[Weight loss drug waste: what happens to the Ozempic pens? | The BMJ](#)

Reports/Policy Papers/Toolkits/Pathways

[2025 end of year report – UK Health Alliance on Climate Change](#)

[Environmental Lessons Learned and Applied \(ELLA\): a new framework for identifying, prioritising and implementing decarbonisation interventions in clinical care pathways | BMJ Evidence-Based Medicine](#)

[Greener paediatrics: Practical ways to make paediatric care more sustainable | RCPCH](#)

[Nature for Health - A Resource Hub for Healthcare Sites - NHS Forest](#)

[Resource Repository - The Community of Practice for Climate Resilient and Low Carbon Sustainable Health Systems](#)

Research

[Environmental sustainability considerations in the reporting of randomised clinical trials - The Lancet Planetary Health](#)

[Toward the sustainability of health care innovations to "transform our world": current status and the road ahead - JBI Evid Implement](#)

News/Commentary/Opinion

[Scottish Parliament Votes to Advance Ecocide Bill — Stop Ecocide International](#)

[Can doctors really influence the NHS carbon footprint? – UK Health Alliance on Climate Change](#)

[Clean energy upgrades for hospitals and military sites - GOV.UK](#)

[Health service to save millions with boost to electrify NHS fleet - GOV.UK](#)

[Advocating on clean air and greener paediatrics: reflections from a busy 2025 | RCPCH](#)

Events/CPD

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

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

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

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

[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](#)

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

Listen / Watch / Read

[Microplastics: do they harm human health? | The BMJ](#)

[NIHR helping health and social care delivery adapt to climate change | UK Healthcare News](#)

[Three ways climate change affects mental health – and why the story is more hopeful than it might seem](#)

[BBC World Service - The Climate Question, What is climate anxiety and how can you cope with it?](#)
Podcast

[The Recovery | Cochrane Sustainable Healthcare & BMJ](#) Podcast

[From Data to Action: Measuring Health System Emissions - The Community of Practice for Climate Resilient and Low Carbon Sustainable Health Systems – Webinar recording](#)

[Podcast Episode 63 - Travel and Transport | UK Healthcare News](#)

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

[The Lancet Planetary Health](#)

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](#)

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>