

Sustainability in Healthcare update January 2026

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Case Studies

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

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

[Hampshire Hospitals Green Team Competition 2025 - Sustainable Healthcare](#)

[Green Nursing Challenge 2025: celebrating a transformative 15 week journey - Sustainable Healthcare](#)

[Reducing greenhouse gas emissions at Western Eye Hospital | Imperial College Healthcare NHS Trust](#)

[Chester makes history: Countess of Chester Hospital opens first NHS net-zero building in England](#)

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

[Case Studies - Plants First Healthcare](#)

NHS

[Understanding the carbon footprint of the National Health Service in England – ATACH \(Alliance for Transformative Action on Climate & Health\)](#)

Climate Change

[Health impacts of climate change and role of the health sector in mitigating carbon emissions - Urologie](#)

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

Allied Health Professionals

[Perspectives of Practicing and Future Physiotherapists on Climate Change and Sustainability in Physiotherapy Education and Practice: Insights From Türkiye - Physiother Res Int](#)

Digital

[Environmental sustainability in robotic surgery: a data-driven bibliometric mapping of global research trends, thematic evolution, and knowledge structures \(1983–2025\) | Journal of Robotic Surgery](#)

[Harnessing AI for Sustainable Radiation Oncology: Transforming Brachytherapy Waste Management - International Journal of Radiation Oncology, Biology, Physics](#)

[Reducing the healthcare carbon footprint through fully self-service artificial intelligence-powered screening: ... China – J of Cleaner Production](#)

[Sustainable AI in medicine: navigating innovation, challenges, and environmental impact | Health Economics Review](#)

Education

[Inclusion of climate change and planetary health in masters of public health curricula in the UK | European Journal of Public Health](#)

[Planetary Health in Health Professions Education: A Review of Institutional Websites - Nurse Educ](#)

Estates & Facilities

[Decarbonization pathways in medical waste management through circular economy strategies to advance UN-SDGs – Scientific Reports](#)

[Reducing regulated medical waste: A roadmap for process improvement – Jof Climate Change & Health](#)

Food & Nutrition

[Minimizing food waste and costs in hospital environments through a chance-constrained stochastic programming model -Resources, Conservation and Recycling](#)

Global Health

[JAHA at Scientific Sessions 2024: Climate Change–Related Cardiovascular Health Effects in the Global South | Journal of the American Heart Association](#)

Guidance

[A-practical-guide-to-decarbonising-the-total-hip-replacement-pathway-FINAL-January-2026.pdf](#)

Journal Articles

[Achieving sustainability in urology: a consensus study by the European association of urology \(EAU\) section office – World J Urol](#)

[A comparative analysis of the carbon footprint in minimally invasive colorectal surgery: laparoscopic versus robotic-the coloprint pilot study - J Robot Surg](#)

[A survey of nitrous oxide use, attitudes and environmental sustainability considerations by anaesthetists across metropolitan local health districts in New South Wales - Anaesth Intensive Care](#)

[Air pollution and breast cancer incidence in a United States-wide prospective cohort study: Examining sensitive periods of exposure - Environment International](#)

[Association of ambient air pollution with risk of anxiety disorders: an updated systematic review and meta-analysis – Environmental Research](#)

[Barriers and enablers to sustainable anaesthetic practice: a mixed-methods study - BJA](#)

[Clearing the Air: Nitrous Oxide in Australian Paediatric Practice - J Paediatr Child Health](#)

[Climate Change Perceptions Scale for Health and Related Professionals and Students \(CCPS-HARPS\) – development, reliability and validity – Journal of Climate Change & Health](#)

[Climate resilience as a strategic lever for long-term healthcare sustainability: a narrative review - BJA](#)

[Energy consumption of ultrasound devices during routine applications and opportunities to save energy and costs - Eur Radiol](#)

[Environmental and economic impacts of anaesthesia: A simulation study comparing total intravenous anaesthesia versus sevoflurane for maintenance of anaesthesia in 11 909 adult patients of a Belgian tertiary hospital - Eur J Cardiovasc Nurs](#)

[Environmentally friendly pediatric gastroenterology: a narrative review - Eur J Pediatr](#)

[Environmental Sustainability in Intensive Care: From Awareness to Action - Am J Respir Crit Care Med](#)

[Green Endoscopy - Dig Endosc](#)

[Greening orthopaedic surgery: Carbon footprint, waste generation, environmental impact, and mitigation strategies - J Orthop](#)

[Green is the new gold: a systematic review of the environmental impact of urological procedures, telehealth, and conferences - Canadian Journal of Urology](#)

[How can a radiation oncology society support its members and the community to help reduce the carbon footprint of radiation oncology? - Radiotherapy and Oncology](#)

[Implementing Sustainable Practices in the Cardiac Catheterization Laboratory: Results from a Year-Long Waste Reduction Initiative - Acta Cardiol Sin](#)

[Improving the environmental impact paradox of clinical medical laboratories – Clinical Biochemistry](#)

[Moving Toward a More Sustainable Diagnostic and Interventional Radiology Department | Applied Radiology](#)

[Optimizing Pediatric Surgical Kits: A Cost-Effective Approach to Reducing Environmental Impact in Healthcare - Jt Comm J Qual Patient Saf](#)

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>

[Perspectives on implementing environmentally sustainable practices in cataract surgeries: interviews of administrative and frontline healthcare workers - BMC Health Serv Res](#)

[Priority setting for environmentally sustainable health care: emerging approaches to fair resource allocation - The Lancet Planetary Health](#)

[Protecting clinician autonomy and patient safety within the climate debate: the case for desflurane in modern anaesthesia - Curr Opin Anaesthesiol](#)

[Quantifying Environmental Waste From Diabetes Devices in the U.S - Diabetes Care](#)

[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](#)

[Reducing waste in the cardiac catheterization laboratory: insights from a co-design workshop - Eur J Cardiovasc Nurs](#)

[Specialist physicians' and management personnel's views on climate change mitigation and adaptation in German healthcare facilities: A nationwide survey on attitudes, implementation, and barriers – Journal of Climate Change & Health](#)

[Sustainability in healthcare: A review of the environmental impact of healthcare and laboratory medicine - Clinical Microbiology Newsletter](#)

[Sustainability Practices in Hospitals: A Systematic Literature Review and Research Agenda – Sage Open](#)

[The Green Surgical Block 4.0: Automation of the operating theatre's climate conditions through a real-time patient-flow solution – Future Healthcare Journal](#)

[The Lancet Commission on Sustainable Health Care measurement framework for advancing sustainable health care transformation - The Lancet Planetary Health](#)

[The role of the anaesthetist in mitigating the environmental impacts of nitrous oxide: a narrative review - BJA](#)

Mental Health

[Assessing eco-anxiety across the lifespan: A systematic review of current global scales – Journal of Climate Change & Health](#)

[When Climate Anxiety Enters the Therapy Room: Clinicians Report Lower Confidence, Less Willingness to Help, and Greater Distress - Ecopsychology](#)

Nursing & Midwifery

[Assembling Eco-Conscious, Justice-Oriented Nursing in the Face of Climate Crisis – Nurs Philos](#)

[Incorporating planetary health into nursing practice and leadership – Nurs Stand](#)

[Nurse Managers' Awareness and Concerns About Climate Change and Leadership in Sustainable Healthcare Practices: A Mixed-Methods Study - Int Nurs Rev](#)

[Nurse Managers' Views and Experiences Concerning Green Management Practices: A Qualitative Study - Nurs Health Sci](#)

[Nurses' Engagement in Healthcare Policy Development: An Umbrella Review - Int Nurs Rev](#)

[Sustainability and nursing: an integrative literature review - J Res Nurs](#)

[Towards greener care: understanding sustainability awareness among nursing students through qualitative inquiry | BMC Nursing](#)

Pharmacy

[**Themed issue** - Climate, Nature and Pollution Crises-how more sustainable medicines use can make a difference \(2025\) | International Journal of Pharmacy Practice](#)

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

[Estimation of carbon emissions from inhaled respiratory medicines in Ireland: a cross-sectional study from a national pharmacy claims database from 2020 to 2022 - Int J Clin Pharm](#)

[Future pharmacists and climate action: a qualitative study of students' views on environmental sustainability in education and practice - Int J Clin Pharm](#)

[REcycle Soon-to-Expire Program \(RESTEP\): Sustainability efforts in hospital pharmacy - Am J Health Syst Pharm](#)

[Unused medication: mapping the impact across the Dutch healthcare system – Journal of Climate Change & Healthcare](#)

Reports/Policy Papers/Toolkits/Pathways
[Design for Life roadmap - GOV.UK](#) Updated

[Design for Life roadmap - One-Year-On-update 1.pdf](#)

[UN Environment Programme Global Environmental Outlook report](#)

[Green physician toolkit | RCP](#) Updated

[Operation Zero – HSE Ireland National Roadmap 2025](#)

[Measuring greenhouse gas emissions in health systems – World Health Organisation](#)

[Nature security assessment on global biodiversity loss, ecosystem collapse and national security - GOV.UK](#)

[Environmental Stewardship In Emergency Medicine \(Canadian\)](#)

[Greening the Wards: A guidebook for promoting environmental stewardship in general internal medicine \(Canadian\)](#)

News/Commentary/Opinion

[Environmental and planetary health education for healthcare professionals: A social imperative – Future Health Journal](#)

[Air pollution: EPA to stop putting price on human health benefits and focus on cost to industry | The BMJ](#)

Events/CPD

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

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

[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](#)

[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

Special issue [New Year's resolutions for the climate emergency | The BMJ](#) a range of short essays on how to resolve the great challenges to health and wellbeing.

[Climate 'fingerprints' mark human activity from the top of the atmosphere to the bottom of the ocean – The Conversation](#)

Coming soon [The Lancet MedZero: carbon analytics for health care, by health care, at scale - The Lancet](#)

[The Journal of Climate Change and Health | Vol 26, November–December 2025](#)

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>