



Sustainability in Healthcare update February 2024

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Case Studies

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

[Health care climate learning initiative | Health Care Climate Action](#)

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

[From ultraviolet to green: UHSussex hospital uses pioneering and sustainable sterilisation technique - University Hospitals Sussex NHS Foundation Trust](#)

[Multimillion-pound project to slash carbon emissions at North East hospital reaches completion :: Northumbria Healthcare NHS Foundation Trust](#)

[Bath Trust cuts carbon footprint with anaesthetic gas switch \(healthstatejournal.com\)](#)

[Solar farm the size of three football pitches to operational this month \(healthstatejournal.com\)](#)

Digital

[Pediatric Telemedicine Visits Reduce Greenhouse Gas Emissions – Journal of Climate Change & Health](#)

[Transformative capabilities of MedTech organizations in driving circularity in the healthcare industry: Insights from multiple cases - Journal of Cleaner Production](#)

Education

[Pharmacy students' perceptions on environmental sustainability in pharmacy education and practice - Exploratory Research in Clinical and Social Pharmacy](#)

[Climate change and sustainability teaching in UK medical education - a national audit – Future Healthcare Journal](#)

[Creating a virtual and sustainable global health elective at Brighton and Sussex Medical School \(BSMS\) – Future Healthcare Journal](#)

Finance / Procurement

[The role of finance in driving down NHS carbon emissions | Public Finance](#)

[NHS England » Carbon reduction plan and net zero commitment requirements for the procurement of NHS goods, services and works](#)

Food & Nutrition

[Producing knowledge about the sustainability and nutritional values of plant and animal-based beef: Funding, metrics, geographies and gaps – Journal of Cleaner Production](#)

[Healthier and sustainable food at work and beyond: A study of user and organisational practices in a Norwegian municipal canteen - ScienceDirect](#)

[Eco-efficiency as a prioritization tool in the reduction of food waste in restaurants - Science of The Total Environment](#)

Guidance

[Good medical practice guidance 2024 Sustainability Q&A - GMC \(gmc-uk.org\)](#)

[Environmental sustainability – sustainable development - Care Quality Commission \(cqc.org.uk\)](#)

Journal articles

[A comprehensive review on antimicrobial face masks: an emerging weapon in fighting pandemics – RSC Advances](#)

[Anaesthetic subspecialties and sustainable healthcare: a narrative review - Anaesthesia](#)

[An eco-friendly one-pot spectrofluorimetric approach for the facile determination of overactive bladder drug, tolterodine: Application to dosage forms and biological fluids - Spectrochim.Acta A Mol.Biomol.Spectrosc.](#)

[A new tool for energy conservation in operating room: The role of machine learning models in enhancing airflow control – Energy & Buildings](#)

[Attitude Towards Sustainability in Dentistry: The Evidence From Riyadh City, Saudi Arabia – International Dental Journals](#)

[Climate Change-Related Disasters & the Health of LGBTQ+ Populations – Journal of Climate Change & Health](#)

[Clinical Medicine and Climate Change - Immunology and Allergy Clinics of North America](#)

[Developing Climate Change Adaptation Plans for the Health Sector at the Subnational Level - Sustainability](#)

[Environmental impact of low-dose methoxyflurane versus nitrous oxide for analgesia: how green is the 'green whistle'? | Emergency Medicine Journal](#)

[Environmental sustainability and the paradox of prevention | Journal of Medical Ethics \(bmj.com\)](#)

[Essential steps towards an environmentally sustainable intensive care unit - Intensive Crit Care Nurs.](#)

[Emerging Contaminants: A One Health Perspective – The Innovation](#)

[Fresh evidence of the impact of economic complexity, health expenditure, natural resources, plastic consumption, and renewable energy in air pollution deaths in the USA? An empirical approach – Science of the Total Environment](#)

[Green and blue space exposure and non-communicable disease related hospitalizations: A systematic review – Environmental Research](#)

[Influence of nitrous oxide added to general anaesthesia on postoperative mortality and morbidity: a systematic review and meta-analysis – British Journal of Anaesthesia](#)

[Survey of anesthesia department chairs about the environmental sustainability initiatives of their programs – Journal of Clinical Anesthesia](#)

[Switching from disposable to reusable PPE | The BMJ](#)

[Uncertainties and opportunities in delivering environmentally sustainable surgery: the surgeons' view - Anaesthesia](#)

[Wearables and Their Potential to Transform Health Management: A Step towards Sustainable Development Goal 3 - Sustainability](#)

Mental Health

[Coping with the Mental Health Impacts of Climate Change: A Green Script for Sustainable Action - Sustainability](#)

[Mental illness and increased vulnerability to negative health effects from extreme heat events: a systematic review – Psychiatry Research](#)

Nursing

[Environmental Sustainability Plan \(nmc.org.uk\)](#)

[Nurses and Climate Change: A Narrative Review of Nursing Associations' Recommendations for Integrating Climate Change Mitigation Strategies - Canadian Journal of Nursing Research](#)

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

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Pharmacy

[How green is your pharmacy? \(p3pharmacy.co.uk\)](https://p3pharmacy.co.uk)

[Earth Day: An opportunity for pharmacists to act - Journal of the American Pharmacists Association](#)

Reports

[Health and social care professional standards need to be updated to advance leadership and action for environmental sustainability and planetary health | BMJ Leader](#)

[Our manifesto for the UK general election – UK Health Alliance on Climate Change](#)

[Net Zero Clinical Care 2023: Key Summaries Report – UK Health Alliance on Climate Change](#)

[Supporting Decarbonization of Health Systems—A Review of International Policy and Practice on Health Care and Climate Change | Current Environmental Health Reports](#)

[U.S. Health Workers Want Employers to Address Climate Change | Commonwealth Fund](#)

Research

[Methods to include environmental impacts in health economic evaluations and health technology assessments: a scoping review - Value in Health](#)

SusQI

[Sustainable Nursing and Midwifery survey \(qualtrics.com\)](#)

[Medicine Waste in Care Homes: Reducing Social and Environmental Impact | Q Community \(health.org.uk\)](#)

[Implementing a hospital sustainability quality improvement project: challenges and best practices for trainees | The BMJ](#)

Events/CPD

[Short courses in sustainability, health and healthcare | Centre for Sustainable Healthcare](#)

[Training hub - Greener NHS Knowledge Hub - FutureNHS Collaboration Platform](#)

[Events | Sustainable Healthcare Networks Hub](#)

[Carbon Literacy for healthcare - elearning for healthcare \(e-lfh.org.uk\)](#)

[Plant-based Nutrition - University of Winchester](#)

[Launch of the Toolkit for Health Professionals on Communicating about Climate Change and Health \(who.int\) 22nd March 2024](#)

[Investigating and addressing inequities on the mental health impacts of climate change - Faculty of Public Health \(fph.org.uk\) 10th April 2024](#)

[Green Surgery Webinar | Sustainable Healthcare Coalition \(shcoalition.org\) 10th April 2024](#)

[Pharmacy Susnet: Green pharmacy across the sectors - Inspiring you to make a difference | Sustainable Healthcare Networks Hub April 10th 7pm GMT](#)

[Greener Nurses and Midwives Week, scheduled from 18 to 22 March.](#)

[Greener Allied Health Professions \(AHP\) Week 2024 | Sustainable Healthcare Networks Hub 22nd – 26th April 2024](#)

[Great Big Green Week – 8th-16th June](#)

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Listen / Watch / Read

[Time to turn the oil and gas taps off, not on | The BMJ](#)

[How climate change is changing vaccination planning | The BMJ](#)

[An immersive installation to encourage imaginative thinking on getting the NHS to net zero – UK Health Alliance on Climate Change](#)

[Planetary Health: A Global Health Emergency Under International Law? - Opinio Juris](#)

E-Books

HEE 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](#)

Further information

[Centre for Sustainable Healthcare - Resources](#)
[Climate Cares](#)

[NICE Environment publications](#)

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

[Health Care Climate Action](#)

[Greener Allied Health Professional hub](#)

[EcoQUIP | Health Care Without Harm \(noharm-europe.org\)](#)

[Fab NHS Stuff](#)

[@GreenerNHS](#)

[#Sustainablehealthcare](#)



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