

Sustainability in Healthcare update September 2024

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Case Studies

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

[Leeds Teaching Hospitals moves closer to achieving net zero objectives with innovative solar canopy installation - Leeds Teaching Hospitals NHS Trust](#)

[Delicious new patient menus - Northern Lincolnshire and Goole NHS Foundation Trust \(nlg.nhs.uk\)](#)

[NHS England — North East and Yorkshire » North East and Yorkshire – Greener NHS](#)

[Making primary care better for patients, two wheels at a time :: West Yorkshire Health & Care Partnership \(wypartnership.co.uk\)](#)

[Health care climate learning initiative | HCCA](#)

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

[Case Studies from the Green Team Competition | Sustainable Healthcare Networks Hub](#)

[A mixed-methods analysis of the climate impact, acceptability, feasibility and cost of switching from single-use pulp to reusable plastic trays in a large NHS trust – Future Healthcare Journal](#)

Climate Change

[Anaesthesia and climate change: time to wake up? A rapid qualitative appraisal exploring the views of anaesthetic practitioners regarding the transition to TIVA and the reduction of desflurane - BMC Anesthesiol](#)

[Climate change and cardiovascular health: Recent updates and actions for healthcare - Am Heart J Plus](#)

[Climate change and environmental sustainability in otolaryngology: A state-of-the-art review – The Surgeon](#)

[Core Competencies of the Public Health Workforce in Climate Change and Extreme Weather Events Preparedness, Response, and Recovery: A Scoping Review - IJERPH](#)

[Facing the climate change: Is radiotherapy as green as we would like? A systematic review - Critical Reviews in Oncology/Hematology](#)

[Health systems response to climate change adaptation: a scoping review of global evidence | BMC Public Health](#)

[Health risks of climate change in Australia: An umbrella review – Journal of Climate Change & Health](#)

[Planetary health learning objectives: foundational knowledge for global health education in an era of climate change - The Lancet Planetary Health](#)

[Systemic inequalities in heat risk for greater London – Environ Int](#)

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

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Estates & Facilities

[Advances in hospital energy systems: Genetic algorithm optimization of a hybrid solar ...- International Journal of Hydrogen Energy](#)

[National insulation programme offers 'lowest-hanging fruit' \(healthstatejournal.com\)](#)

[Rethinking hospital design for a sustainable future \(healthstatejournal.com\)](#)

Food & Nutrition

[Designing sustainable healthy diets: Analysis of two modelling approaches – Journal of Cleaner Production](#)

[Food, health, and climate change: can epidemiologists contribute further? | International Journal of Epidemiology](#)

[Planetary health diet and cardiovascular disease: results from three large prospective cohort studies in the USA - The Lancet Planetary Health](#)

Journal articles

[Carbon footprint of oral medicines using hybrid life cycle assessment – Journal of Cleaner Production](#)

[Clinician and health service interventions to reduce the greenhouse gas emissions generated by healthcare: a systematic review | BMJ Evidence-Based Medicine](#)

[Environmentally sustainable prescribing: recommendations for EU pharmaceutical legislation - The Lancet Planetary Health](#)

[Environmental sustainability in anatomy: A call for action - Anat Sci Educ](#)

[Environmental sustainability in gynecologic oncology - Gynecologic Oncology Reports](#)

[Expert judgement reveals current and emerging UK climate-mortality burden - The Lancet Planetary Health](#)

[Governance to enable climate resilient development of healthcare systems – A conceptual overview – Journal of Climate Change & Health](#)

[Green Horizons in Oncology: A Blueprint for Environmentally Sustainable Radiation Therapy](#)

Facilities - Semin Radiat Oncol

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

[Intensive care unit carbon footprint: A bibliometric and document content analysis – Nurs Crit Care](#)

[Measuring and improving the cradle-to-grave environmental performance of urological procedures - Nat Rev Urol](#)

[Measuring environmentally sustainable health care: a scoping review - Lancet Planetary Health](#)

[Mitigating the systemic loss of nitrous oxide: a narrative review and data-driven practice analysis – Br J Anaes](#)

[Scoping review for the SAGES EAES joint collaborative on sustainability in surgical practice - Surg Endosc](#)

[Sterile Draping of Operative Microscopes in Breast Free Flaps and Surgical Site Infections - Ann Plast Surg](#)

[Sustainable surgical practices: A comprehensive approach to reducing environmental impact – The Surgeon](#)

[Taking action towards climate-resilient, low-carbon, health systems: Perspectives from Canadian health leaders and healthcare professionals - Healthc Manage Forum](#)

[The surgical outpatient clinic and the environment – The Surgeon](#)

[Travel-associated carbon emissions of patients receiving cancer treatment from an urban safety net hospital – Future Healthcare Journal](#)

Mental Health

[Climate Emotions, Parenting Plans, and Racial Difference in the United States – Journal of Climate Change & Health](#)

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Nursing & Midwifery

[Climate change integration in nursing education: A scoping review – Nurse Educ Today](#)

[Entonox® use for labour analgesia in the context of environmental impact and occupational exposure: a national survey of UK midwives – Br J Anaes](#)

[Environmental impact of infant feeding type, accessories used and maternal dietary habits: The GREEN MOTHER-I project, a cross-sectional study protocol - Nutrition Journal](#)

[Is climate change awareness a predictor of anxiety among nursing students?: A cross-sectional study - Nurse Educ Today](#)

[Nursing in 2050: Navigating dual realities of climate change in healthcare - Nursing Inquiry](#)

[Relationship of sustainable development goals, holistic nursing competence, and social justice advocacy role in public health nurses - Public Health Nursing](#)

[The urgent need for designing greener drugs | Nature Sustainability](#)

Procurement

[Healthcare procurement in the race to net-zero: Practical steps for healthcare leadership – Healthc Manage Forum](#)

Reports

[A just energy transition for the good of health – UK Health Alliance on Climate Change](#)

[Green Theatres evidence review – Advice on Health Technologies, Health Improvement Scotland](#)

[How can action to tackle climate change improve people's health and save the NHS money? Grantham Institute on Climate Change & the Environment, Imperial College London](#)

[Independent investigation of the NHS in England - GOV.UK \(\[www.gov.uk\]\(http://www.gov.uk\)\) see p99 for A Greener NHS](#)

[MRC, NHS and NIHR conference on research outputs in environmental sustainability – UKRI](#)

[Volatile Capture Technologies – Advice on Health Tehnologies, Health Improvement Scotland](#)

SusQI

[Innovating in sustainability research: grassroots approaches to carbon footprinting | The Bulletin of the Royal College of Surgeons of England](#)

[Metrics used in quality improvement publications addressing environmental sustainability in healthcare: A scoping review protocol | PLOS ONE](#)

[Organizing Climate Action to Advance Quality, Patient Safety, and Staff Wellness | Institute for Healthcare Improvement \(\[ihi.org\]\(http://ihi.org\)\)](#)

[Sustainable quality improvement: An essential ingredient for sustainability in modern medical curricula? - Clin Teach](#)

Travel & Transport

[An assessment of sustainable transport infrastructure in a national healthcare system – The Surgeon](#)

News

[Experts reveal link between heatwaves and dementia - BBC News](#)

[Public Sector Decarbonisation Scheme to continue - GOV.UK \(\[www.gov.uk\]\(http://www.gov.uk\)\)](#)

Events/CPD

[2024 International Health Lecture - **Climate crisis, cities and health** \(online or in-person attendance\) 17th October 2024 \(free\)](#)

[Q Online Visit: Embedding sustainability in QI | Q Community \(\[health.org.uk\]\(http://health.org.uk\)\) 7th Nov 1-3.30pm - online](#)

[Our health, our planet, our future: climate change and planetary health at LSHTM | 8 November 2024](#)

[Delivering greener, more sustainable, net zero mental healthcare \(\[rcpsych.ac.uk\]\(http://rcpsych.ac.uk\)\) NEW e-learning](#)

[Courses - Academy of Medical Royal Colleges](#)

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

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

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Events/CPD continued

[Events | Sustainable Healthcare Networks Hub](#)

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

[WHO Technical Webinar Series on Climate Change and Health](#)

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

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](#)

Listen / Watch / Read

[Green Healthcare: Are We Asking the Right Questions? - OHE webinar recording](#)

[Johan Rockström: The tipping points of climate change — and where we stand | TED Talk](#)

[The physician's role in mitigating the climate crisis – Future Healthcare Journal](#)

[The Lancet Countdown on health and climate change: competing interests and optimism bias - The Lancet](#)

[Does Europe need more climate doctors? \(theparliamentmagazine.eu\)](#)

[Hospital action plan for mitigating anaesthetic nitrous oxide emissions – Br J Anaes](#)

[Our Health. Our Planet. – The health system can be the key to solving the climate crisis \(ourhealthourplanet.co.uk\)](#)

[Planetary health: A great opportunity for anaesthesiologists - EJA](#)



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