



# Sustainability in Healthcare update May 2024

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## Case Studies

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

[Royal Surrey's new solar panels set to save 100 tonnes of carbon per year | Royal Surrey NHS Foundation Trust](#)

[Case studies: Travel and Transport - Greener NHS Knowledge Hub - FutureNHS Collaboration Platform](#)

[Manchester Trust seeks to reduce single plastic bottle use \(healthstatejournal.com\)](#)

[Salix-backed Horton General decarbonisation scheme completes \(healthstatejournal.com\)](#)

## Climate Change

[Climate change and human health: Last call to arms for us – World J Clin Cases](#)

[Climate Change, Modern Slavery, and its Impact on Health – A Youth Perspective and Global Call to Action – Journal of Climate Change & Health](#)

## Digital

[Digitalization to achieve greener healthcare supply chain – Journal of Cleaner Production](#)

[Emergence of integrated biosensing-enabled digital healthcare devices - Sensors and Diagnostics](#)

[Exploring online sustainability disclosure in the healthcare industry: Evidence from best international hospitals - Business Strategy and the Environment](#)

## Education

[Empowering Sustainable Healthcare: The Role of Health Literacy - Sustainability](#)

[Patterns in Clinical Leadership Learning: Understanding the Quality of Learning about Leadership to Support Sustainable Transformation in Healthcare Education - Sustainability](#)

## Estates & Facilities

[Generation rate of hospital solid waste from different services: A case study in the province of Bagua, northern Peru - Heliyon](#)

## Finance

[Switch to a greener bank – UK Health Alliance on Climate Change](#)

## Food & Nutrition

[A systematic evaluation of seven different scores representing the EAT–Lancet reference diet and mortality, stroke, and greenhouse gas emissions in three cohorts - The Lancet Planetary Health](#)

[Identifying solutions to minimize meal tray waste: A mixed-method approach - Clinical Nutrition ESPEN](#)

[Investigating intervention components and their effectiveness in promoting environmentally sustainable diets: a systematic review – Lancet Planetary Health](#)

[Planetary Health Diet Index and risk of total and cause-specific mortality in three prospective cohorts – American Journal of Clinical Nutrition](#)

### Journal articles

[Accounting for adaptation when projecting climate change impacts on health: A review of temperature-related health impacts – Environment International](#)

[Carbon savings potential of virtual care in obstructive sleep apnea and otitis media with effusion - Laryngoscope Investig Otolaryngol](#)

[Challenges confronting sustainability in nuclear medicine practice - Radiography](#)

[Climate finance opportunities for health and health systems - Bulletin of the World Health Organization](#)

[Evaluating inhaler technique, patient preferences and opportunities for improvement in hospitals in the UK – Future Healthcare Journal](#)

[Fostering the discussion of planetary health in occupational therapy and physiotherapy - Aust Occup Ther J](#)

[From mission to action: Greener Allied Health Professions \(AHPs\) - Radiography](#)

[How we can reduce the environmental impact of our operating theatres: a narrative review – ANZ J Surg](#)

[Indicator-based environmental and social sustainability assessment of hospitals: A literature review – Journal of Climate Change & Health](#)

[Knowledge, behaviours, practices, and expectations regarding climate change and environmental sustainability among health workers in France: a multicentre, cross-sectional study - The Lancet Planetary Health](#)

[Measuring and valuing the health co-benefits of climate change mitigation: a scoping review - The Lancet Planetary Health](#)

[Mortality and morbidity after total intravenous anaesthesia versus inhalational anaesthesia: a systematic review and meta-analysis – eClinical Medicine](#)

[Patient preferences for disposable and reusable vaginal specula and their willingness to compromise in the era of climate change: A cross-sectional study - BJOG](#)

[Pediatric telemedicine visits reduce greenhouse gas emissions – Journal of Climate Change & Health](#)

[Placental DNA methylation signatures of prenatal air pollution exposure and potential effects on birth outcomes: an analysis of three prospective cohorts - The Lancet Planetary Health](#)

[Plastic waste in major orthopaedic surgical procedures: descriptive and sources of improvement – International Orthopaedics](#)

[Preparing for future pandemics while responding to the current ones in the midst of a planetary climate crisis: Can we face this triple global health challenge? – Global Public Health](#)

[Psychological Trust Dynamics in Climate Change Adaptation Decision-Making Processes: A Literature Review - Sustainability](#)

[Should anesthesiologists worry about climate change exposure in patients? A scoping review – Journal of Climate Change & Health](#)

[Sustainability in healthcare by reducing low-value imaging – A narrative review - Radiography](#)

[The hidden threat: Unraveling the impact of microplastics on reproductive health – Science of the Total Environment](#)

[The Impact of Climate Change on Hospice and Palliative Medicine: A Scoping and Narrative Review – Journal of Climate Change & Healthcare](#)

[The Role of Ethical Responsibility in the Management of Environmentally Sustainable Health Care - Acta Medica Portuguesa](#)

[Toward Environmentally sustainable surgery: Waste recycling in general surgery operating room.](#)

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

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**SHFT:** [library.services@southernhealth.nhs.uk](mailto:library.services@southernhealth.nhs.uk)

[Preliminary cognitive audit – World Journal of Surgery](#)

[Towards greener hospitals: The effect of green organisational practices on climate change mitigation performance – Journal of Cleaner Production](#)

[Value-Based, Environmentally Sustainable Anterior Cruciate Ligament Surgery – Clinics in Sports Medicine](#)

### **Mental Health**

[Climate change and mental health: a call for a global research agenda - The Lancet Psychiatry](#)

[Emotional responses and psychological health among young people amid climate change, Fukushima's radioactive water release, and wars in Ukraine and the Middle East, and the mediating roles of media exposure and nature connectedness: a cross-national analysis - The Lancet Planetary Health](#)

### **Nursing & Midwifery**

[How to choose between single-use and reusable medical materials for sustainable nursing: Methodological lessons learned from a national study – Journal of Advanced Nursing](#)

[School of Nursing Climate Commitment: Nursing Faculty Bring Climate to the Classroom - IJERPH](#)

[Taking sustainability seriously | British Journal of Community Nursing](#)

### **Reports**

[The 2024 Europe report of the Lancet Countdown on health and climate change: unprecedented warming demands unprecedented action - The Lancet Public Health](#)

[The Green Surgery report: a guide to reducing the environmental impact of surgical care, but will it be implemented? | The Annals of The Royal College of Surgeons of England \(rcseng.ac.uk\)](#)

### **SusQI**

[Readiness of lean sustainability in healthcare organizations - International Journal of Pharmaceutical and Healthcare Marketing](#)

### **Workforce**

[The CIPD and Skillnet Ireland launch sustainable people practices framework | CIPD](#)

### **News**

[NHS Constitution: 10 year review - GOV.UK \(www.gov.uk\)](#)

As part of these changes, the Government are proposing to add a new NHS value of **'Environmental responsibilities'**, which includes achieving legislative commitments, and improving our resilience and efficiency.

[Health leaders cycle to inspire action on air pollution and the climate crisis – UK Health Alliance on Climate Change](#)

[RCOG announce new collaborative project: Taking action to deliver low carbon, equitable maternity care | RCOG](#)

### **Events/CPD**

[SusQI Showcase 2024 – 19<sup>th</sup> June on Zoom - CSH](#)

[Reading Climate Festival 2024 – Reading Climate Action Network \(RCAN\) \(readingcan.org.uk\)](#)

[Clean Air Day Thursday 20 June 2024](#)

[SHARE 2024 - Sustainable Healthcare Academic Research and Enterprise - conference co-hosted by the University of Brighton School of Sport and Health Sciences, Brighton and Sussex Medical School and the Centre for Sustainable Healthcare - 25<sup>th</sup> June 2024](#)

[London Climate Action Week - 22<sup>nd</sup> – 30<sup>th</sup> June](#)

[Kidney Care SusNet Event - Learning from Nurses Leading the Way in Sustainability with International Nurse Leader, Gloria Munoz Figueroa | 27<sup>th</sup> June 2024 @ 5pm](#)

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**SHFT:** [library.services@southernhealth.nhs.uk](mailto:library.services@southernhealth.nhs.uk)

[NHS Sustainability Day of Action on 8th July 2024 - Sign up for Webinars](#)

[NHS Procurement 2024 6<sup>th</sup> August 2024 \(nationalhealthexecutive.com\)](#)

[NHS Forest Conference 2024 Tickets, Fri 4 Oct 2024 at 10:00 | Eventbrite](#)

[Sustainability resources – 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](#)

[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](#)

#### *Listen / Watch / Read*

[An umbrella review of health co-benefits from actions to reduce greenhouse gas emissions - The Lancet Planetary Health](#)

[Building resilience: climate solutions for a changing world | Official blog of the Met Office news team](#)

[Climate change is linked to worsening brain diseases – new study \(theconversation.com\)](#)

[Mapping malaria in Africa: climate change study predicts where mosquitoes will breed in future \(theconversation.com\)](#)

[Policy brief - Reducing the environmental impact of medical devices adopted for use in the NHS](#)

[The \*Green Surgery\* report: a guide to reducing the environmental impact of surgical care, but will it be implemented? | The Annals of The Royal College of](#)

[Surgeons of England \(rcseng.ac.uk\)](#)

[The Lancet Webinars](#)

[What can professional medical societies do to mitigate climate change? | Frontline Gastroenterology \(bmj.com\)](#)

#### *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](#)

#### *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](#)  
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