Knowledge Through Expertise

Climate action at Hampshire Hospitals

NHS Hampshire Healthcare Library Service

Sustainability in Healthcare Update September 2026

If you need help getting hold of the full text of anything here or require a more focussed search, please contact the Healthcare Library.

Case Studies	Mental Health
NHS	Pharmacy
Climate Change	Reports
AHPs	Research
Digital	SusQI
Estates & Facilities	News
Food & Nutrition	Events/CPD
Guidance	Listen-Watch-Read
Journal articles	E-books

Case Studies

Greener NHS (england.nhs.uk)

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

Reducing our environmental impact – Trust completes four-year greenhouse gas reduction project | Imperial College Healthcare NHS Trust

Countess of Chester Hospital leading the way with greener fleet move | Countess of Chester Hospital

Recirculate project gifts bikes to hospital staff for second year | News | Mid Yorks

Coventry and Warwickshire ICB Green Team Competition 2026 – Centre for Sustainable Healthcare

NHS

A survey of attitudes, behaviours and barriers to environmental sustainability among healthcare staff at an NHS trust – BMJ Leader

How Can UK Hospitals Transform to Net Zero Carbon Emissions? - Br J Hosp Med

Extreme heat and cause-specific risk of hospital admission in the adult population in England: a case time series analysis – BMJ Open

The implementation of electronic clinical decision tools to reduce inappropriate urine and swab requests: A diagnostic stewardship intervention to reduce the environmental impact of laboratory testing - Ann Clin Biochem

Climate Change

From population to individual: advocating personalised digital tools for heat-health early warning in a changing climate - The Lancet Planetary Health

Allied Health Professionals

Potential carbon savings in the management of shoulder dislocations through allied health professional-led patient pathways: an observational study using audit data – BMJ Leader

Digital

The role of sensors for building individual climate resilience and mitigating the impact on health services from extreme weather events such as heatwaves: A perspective review – J Climate Change & Health

Estates & Facilities

Comprehensive evaluation of typical medical waste treatment technologies in view of environmental and economic perspectives – Environmental Research

Limited mitigation potential of downstream waste management: A facility-level life cycle assessment of hospital PPE systems - Journal of Hazardous Materials Advances

Food & Nutrition

Development, implementation, and evaluation of a Planetary Health menu in a Canadian hospital: an experimental study - The Lancet Planetary Health

Guidance

Local Authority Risk and Adaptation Toolkit: Heat Edition - GOV.UK

Journal Articles

Adaptation and mitigation approaches to reduce heat-related health risks: An overview of systematic reviews – Environmental Research

Assessing the carbon footprint of inhalation anaesthesia, total intravenous anaesthesia, and spinal anaesthesia for a single surgical procedure: a prospective observational study - BJA

Associations between short-term absolute increases in ambient air pollution and hospital admissions and outpatient visits for depression: A nationwide case-crossover study - Ecotoxicology and Environmental Safety

Can we treat dry eyes without destroying our planet? a critical analysis of environmental sustainability in dry eye disease management - Contact Lens and Anterior Eye

Carbon footprint evaluation for waste management of fluorinated anaesthetics in the UK using mathematical modelling - BJA

Carbon footprint of anaesthesia pharmaceuticals and disposable products during Caesarean delivery: a single-centre prospective observational study - British Journal of Anaesthesia

Carbon footprint of cataract surgery in a French university hospital: Accurate assessment and new avenues for improvement – J Fr Ophtalmol.

Carbon footprint of disposable, hybrid, and reusable trocars in diverse hospital settings: a life cycle assessment - Surg Endosc

Clinical waste management - Infect Prev Pract

Comparable twelve-month clinical outcomes but higher environmental impact of arthroscopic versus mini-open rotator cuff repair: A comparative cohort study - Orthop Traumatol Surg Res

Environmental benefits of reintroducing reusable drapes and gowns in the operating room – BJS Open

Environmental impact of laparoscopic and robotic colorectal surgery: a systematic review - J Robot Surg

Environmental impact of urine analyses: Comparison of manual, semi and fully automated analytical workflows - J Clim Chang Health

Environmental sustainability of nutrition support in a hospital setting: An observational study of waste reduction and management – Nutr Diet

Extreme temperatures and out-of-hospital cardiac arrest: a systematic review and narrative synthesis - Resuscitation

From carbon cost to climate care: Greening our intensive care units - World J Crit Care Med

Global environmental and geo-economic impact of conservative versus liberal oxygen strategies in mechanically ventilated critically ill adults: an ecological country-level analysis - BJA

Impacts of extreme air pollution events on pregnancy outcomes: A systematic review – Environmental Research

Improving cancer care while reducing its carbon footprint: GHG-mitigating strategies highlighted at ESMO 2025 - BJC Rep

Integrating Environmental Impact Analysis into Endoscopy Research: Bringing Sustainability to the Forefront - Gastrointestinal Endoscopy Clinics of North America

Oral vs parenteral drug administration: quantifying the future health cost of routine prescribing choices through their environmental scope – J Climate Change & Health

Patient Perspectives on Climate Change and Sustainable Healthcare Practices: A Cross-Sectional Survey Study in Patients with Inflammatory Bowel Disease - J Gastrointestin Liver Dis

Planned cesarean section or attempted vaginal delivery: Which is more environmentally friendly?

An observational life cycle assessment study in France - Acta Obstet Gynecol Scand

Reconciling Subsistence Emissions and Prevention in Environmentally Sustainable Healthcare - J Bioeth Inq

Systematic overview of climate actions for health in cities | Nature Cities

The environmental footprint and ecotoxicity of sevoflurane and propofol anaesthesia: a retrospective observational modelling study - BJA

Towards a sustainable oral and maxillofacial surgery service: BAOMS proposal for sustainability strategy and priorities for implementation within UK practice – British Journal of Oral and Maxillofacial Surgery (Editorial)

UK infection societies' position statement on glove use in health and social care – Clinical Infection in Practice

Mental Health

Climate change and mental health | Mind

Natural environment interventions decrease tension, fatigue, confusion and negative affect related to climate change – EBN

Protecting mental health from extreme heat: Recommendations for policy and action | PreventionWeb, United Nations Office for Disaster Risk Reduction

Nursing & Midwifery

Association Between Midwifery Students' Awareness of Global Climate Change and Their Attitudes and Behaviours Toward Medical Waste – Nurs Open

Effects of green management training on nurse managers' environmental sustainability: a randomised controlled trial | British Journal of Healthcare Management

Environmental Sustainability-Related Knowledge, Behaviors, and Perceived Barriers Among Italian Intensive Care Unit Nurses: A Cross-Sectional Survey - Healthcare

Greener beginnings: Exploring the carbon footprints of midwifery group practice and standard maternity care in regional Australia – Women & Birth

Integrating nature into healthcare to enhance the health and well-being of staff and patients – Nurse Manager

Pharmacy

Medical patch disposal practices and information sources: A pharmacy customer survey before and after an information initiative - Explor Res Clin Soc Pharm

Towards appropriate guidance for the ethical challenges of environmentally sustainable prescribing - Br J Clin Pharmacol

Sustainable drug delivery systems: Biodegradable carriers for a carbon-neutral pharma future - Drug Discov Today

Reports/Policy Papers/Toolkits/Pathways/Statistics

Air Pollution Awareness Coalition (APAC) - GOV.UK

British Thoracic Society Sustainability Toolkit | Respiratory Futures

Children's Climate Risk Report (2026) - UNICEF DATA

Climate-related mortality, England and Wales: 1988 to 2025 - Office for National Statistics (ONS)

Green Infrastructure and Health - Natural England

Heat–Health Action Plans: Guidance - WHO

RCN Briefing on the Impact of Extreme Heat on Patients | Royal College of Nursing

Remote Consultations: Do they reduce Greenhouse Gas Emissions? Your Guide to Calculating the Answer - 2026 | Sustainable Healthcare Networks Hub

Summer Health and Resilience - Hansard - UK Parliament

The 2026 Europe Cities Report of the Lancet Countdown on health and climate change: cities at the forefront of climate change action - The Lancet Public Health

The Clinician's Pocket Guide to Eco-Vet Vendors – Clinically Sustainable Consulting LLC (& Academic Lab)

Weathering Extremes: A Toolkit for Information Resilience Amid Disaster - The Council on Strategic Risks

Research

6 things you can do to reduce the environmental impact of clinical research trial – Grantham Institute, Imperial College

SusQI

Sustainability in Quality Improvement: Outcomes of a Novel Pediatric Virtual Urgent Care in Ontario, Canada - Western Journal of Emergency Medicine

News/Commentary/Opinion

Revealed: More than 1,000 NHS operations cancelled due to record UK heatwaves - Carbon Brief

Government announces £32m to strengthen hospitals' resilience to extreme heat | The BMJ

Events/CPD

Green Gastroenterology Challenge Showcase 2026, 4th November 2pm – 4:0pm Online

Events Calendar 2026 – Centre for Sustainable Healthcare

Apprenticeships - The LDN Sustainable Healthcare Academy

Sustainability courses for nurses and midwives — Centre for Sustainable Healthcare Free courses for registered nurses and midwives

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

Building a culture of sustainability in healthcare: Lessons from the evidence – Centre for Sustainable Healthcare Blog

Ten Ways to Reduce Single Use Plastic in Your Practice - Greener Practice

Waste reduction and circular economy in healthcare | NHE Podcast

Climate scenarios and what they help us explore – POST UK Parliament

Decarbonising and extreme heat – the twin challenge for the NHS - elementalLondon

New urban heat islands analysis (UK) | Ordnance Survey

NHS England — North East and Yorkshire » Transforming Primary Care Podcast

The Journal of Climate Change and Health

The Lancet Planetary Health

Climate change bulletin - The Knowledge Network Public Health Scotland,

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