

# Sustainability in Healthcare update July 2022

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## Case Studies

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

[What's already happening](#)

## Digital

[A Transparency Checklist for Carbon Footprint Calculations Applied within a Systematic Review of Virtual Care Interventions - Journal of Environmental Research and Public Health](#)

[Digital Transformation and Rule of Law Based on Peak CO<sub>2</sub> Emissions and Carbon Neutrality - Sustainability](#)

## 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](#)

## Estates

[St George's Hospital harnesses 'catalytic converter for gas and air' \(healthstatejournal.com\)](https://www.healthstatejournal.com)

[Sun helps generate 'clean, green energy' at Wolverhampton hospital \(healthstatejournal.com\)](https://www.healthstatejournal.com)

[Modular buildings 'recycled' into new £5.8 m resource centre \(healthstatejournal.com\)](https://www.healthstatejournal.com)

## Mental Health

[Why mental health is a priority for action on climate change \(who.int\)](https://www.who.int) - New WHO policy brief highlights actions for countries

## NHS

On 1 July 2022, the NHS became the first health system to embed net zero into legislation, through the [Health and Care Act 2022](#).

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

[Signed, sealed and 212 steps towards delivering the world's first net zero health service \(england.nhs.uk\)](https://www.england.nhs.uk)

[Sustainable surgery: The first 'net zero' operation in the NHS - University of Birmingham](#)

[Greener NHS » World's first chemo drone delivery announced on NHS birthday \(england.nhs.uk\)](https://www.england.nhs.uk)

['We're turning food waste into green energy' say hospital bosses - East Suffolk & North Essex NHS Foundation Trust \(esneft.nhs.uk\)](https://www.esneft.nhs.uk)

## Journal articles

[Climate Change, Fossil-Fuel Pollution, and Children's Health. \[Review\]](#)

[Making obstetrics more environmentally sustainable during and beyond the COVID-19 pandemic - PubMed \(nih.gov\)](https://pubmed.ncbi.nlm.nih.gov)

[Hand hygiene with hand sanitizer versus handwashing: what are the planetary health consequences? - PubMed \(nih.gov\)](https://pubmed.ncbi.nlm.nih.gov)

[The Dermatological Manifestations of Extreme Weather Events: A Comprehensive Review of Skin Disease and Vulnerability - The Journal of Climate Change and Health](#)

[Reimagining Food: Readdressing and Respecting Values - Sustainability](#)

[Carbon Footprints and Life Cycle Assessments of Inhalers: A Review of Published Evidence](#)

[A 24-Hour Waste Audit of the Neuro ICU during the COVID-19 Pandemic and Opportunities for Diversion - Journal of Climate Change and Health](#)

[The effects of climate change on fungal diseases with cutaneous manifestations: A report from the International Society of Dermatology Climate Change Committee - The Journal of Climate Change and Health](#)

[How different COVID-19 recovery paths affect human health, environmental sustainability, and food affordability: a modelling study - The Lancet Planetary Health](#)

[Period poverty and menstrual belonging: a matter of climate justice - The Lancet Planetary Health](#)

[Small-area assessment of temperature-related mortality risks in England and Wales: a case time series analysis - The Lancet Planetary Health](#)

[Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM2.5 air pollution, 1990–2019: an analysis of data from the Global Burden of Disease Study 2019 - The Lancet Planetary Health](#)

[Transforming food systems with trees and forests - The Lancet Planetary Health](#)

[A life course epidemiology approach to climate extremes and human health - The Lancet Planetary Health](#)

[Climate change in public health and medical curricula in Australia and New Zealand: a mixed methods study of educator perceptions of barriers and areas for further action: Environmental Education Research](#)

### QI

[SusQI project - Leeds Green Ward Competition - Patient Environment Action Team \(PEAT\) | CSH Networks \(sustainablehealthcare.org.uk\)](#)

[“Concrete ways we can make a difference”: A multi-centre, multi-professional evaluation of](#)

[sustainability in quality improvement education: Medical Teacher](#)

### News

[New research examining how extreme weather impacts healthy ageing set to develop solutions - Heriot-Watt University \(hw.ac.uk\)](#)

[UN Reports New Insights on Link Between Climate Change and Human Health | Global Health | JAMA | JAMA Network](#)

[Health care leaders convene to discuss climate change | 2022-07-01 | Health Facilities Management \(hfm magazine.com\)](#)

[How hot is too hot for the human body? Our lab found heat + humidity gets dangerous faster than many people realize \(theconversation.com\)](#)

### CPD

[NHS Forest conference 2022: Biodiversity and Resilience, 19 October 2022 - NHS Forest](#)

[Environmentally Sustainable Healthcare - e-learning for healthcare \(e-lfh.org.uk\)](#)

### Listen & Watch

[Plant-Based Nutrition for Human and Planetary Health - The Eco Medics Podcast](#)

### 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](#)

[Short courses in sustainability, health and](#)

[healthcare | Centre for Sustainable Healthcare](#)

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