The Carbon Literacy Project: Healthcare Resources

A document containing useful healthcare resources including case studies, tools to decarbonise and example actions from the sector.

Feel free to send this to learners in your follow up email.

The CLP will update this document periodically, if you have any additional content to include, please email us at healthcare@carbonliteracy.com using the subject 'CLP4NHS resources document'

Case studies in health

ALL NHS England list of current case studies:
https://www.england.nhs.uk/greenernhs/whats-already-happening/

Case study examples

LED lights: https://www.royaldevon.nhs.uk/about-us/sustainability-and-environment/our-sustainable-projects-and-case-studies/828-tonnes-of-carbon-saved-from-installation-of-16-000-led-lights/

Plastic waste reduction: https://www.surreyandsussex.nhs.uk/about-us/latest-news/east-surrey-hospital-wins-national-sustainability-award-reducing-plastic-use

Overheating in hospitals: https://www.roundourway.org/our-impact/nhs-overheating

Climate action in anaesthetics: https://www.youtube.com/watch?v=VzDmR8hYkv4

Electric vehicle usage: https://www.england.nhs.uk/2022/08/nhs-rolls-out-new-electric-vehicles-to-help-patients-and-the-planet/

Green transport prescribing: https://www.gov.uk/government/news/walking-wheeling-and-cycling-to-be-offered-on-prescription-in-nationwide-trial

Steps towards a zero carbon trust: https://www.youtube.com/watch?v=VzDmR8hYkv4 , https://www.leedsth.nhs.uk/about-us/news-and-media/2022/06/07/trust-invests-in-energy-efficient-and-decarbonisation-schemes

Plastic reduction: https://preciousplastic.com/about/mission.html , https://www.rcn.org.uk/magazines/Action/2022/Jan/How-to-reduce-glove-use-170122

Trust wide carbon reduction: https://inews.co.uk/news/nhs-hospital-set-to-become-first-in-england-powered-entirely-by-renewable-energy-1206674 ,
Inhalers/ Asthma: https://www.wehale.life/uk/prouk/insights/wilkinson/ , https://www.greenerpractice.co.uk/high-quality-and-low-carbon-asthma-care/ , https://www.aafa.org/climate-and-health/

Waste: https://www.sharpsmart.co.uk/new-normal , https://www.goodrx.com/hcp/providers/how-to-reduce-healthcare-waste , https://www.rcplondon.ac.uk/file/9498/download , https://journals.lww.com/ajnonline/Fulltext/2020/04000/Reducing_Waste_and_Increasing_Sustainability_in.26.aspx

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Further knowledge

Greener NHS: https://www.england.nhs.uk/greenernhs/a-net-zero-nhs/

World Health Organisation Toolkit: WHO TK

Sustainable Healthcare website resource: https://ourhealthourplanet.co.uk

The 2024 Lancet Countdown

Dr Climate crisis, cities and health: International Health Lecture 2024 | Prof Mark J Nieuwenhuijsen

SEE Sustainability: range of decarbonisation resources for primary care https://seesustainability.co.uk/resources , https://seesustainability.co.uk/low-carbon-plan

Primary care: https://www.greenerpractice.co.uk/high-quality-and-low-carbon-asthma-care/resources/

Centre for Sustainable Healthcare (further training): https://sustainablehealthcare.org.uk/

Healthcare education opportunities: https://cpdmatch.co.uk/

Anaesthetics gas scavenging system: https://sustainablehealthcare.org.uk/what-we-do/sustainable-specialties/anaesthetics/anaesthetic-gas-scavenging-system

low carbon procurement suppliers roadmap: https://www.supplychain.nhs.uk/news-article/supplier-roadmap-net-zero-2045/

UK Health Alliance: https://ukhealthalliance.org/about/

Oceanic Health: https://www.healthcareocean.org/

Adaptation: https://www.kch.nhs.uk/wp-content/uploads/2024/01/Kings-Climate-Change-Adaptation-Plan-2023-to-2026.pdf

Equity and vulnerability: Climate equity | Why is fairness essential in responding to the climate emergency?

Climate Justice: https://www.climatejust.org.uk/

Climate Activism: https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(23)00686-4/fulltext

https://blogs.bmj.com/medical-ethics/2024/04/18/nonviolent-climate-protests-and-the-medical-profession-should-doctors-be-struck-off-for-their-actions/

https://jme.bmj.com/content/50/6/368

Healthy Cities: https://www.who.int/teams/environment-climate-change-and-health/healthy-urban-environments/urban-planning/strategies

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Reducing your personal / Home footprint

Personal Footprint calculator: https://footprint.wwf.org.uk/#/

Imperial college guidance to reduce emissions : http://www.imperial.ac.uk/stories/climate-action/

Switching to a green energy provider: https://bigcleanswitch.org/

Eating less meat: http://www.whyeatlessmeat.com/ , https://friendsoftheearth.uk/food/10-ways-eat-less-meat , http://eatseasonably.co.uk/dabble/, https://ourworldindata.org/less-meat-or-sustainable-meat

Eating seasonally: https://www.newcoventgardenmarket.com/fruit-veg/british-seasonal-calendar

Low carbon food examples:
https://www.sustainablefoodplaces.org/resources/food_governance_and_strategy/
https://www.vegcities.org/

Campaigns

GNHS Staff engagement: https://www.england.nhs.uk/greenernhs/get-involved/staff-engagement-campaign/ , https://www.health.org.uk/sites/default/files/2020-04/health_foundation_submission_to_the_nhs_net_zero_expert_panel_consultation.pdf

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Research

British Medical Journal (BMJ)

Carbon Literacy training in healthcare professionals: a survey of paediatricians: https://adc.bmj.com/content/106/Suppl_1/A500.2

Reassessing ‘good’ medical practice and the climate crisis:https://jme.bmj.com/content/early/2024/06/12/jme-2023-109713

Sustainability is critical for future proofing the NHS: https://www.bmj.com/content/385/bmj-2024-079259

How to communicate about climate change with patients: https://www.bmj.com/content/385/bmj-2024-079831

The Lancet

Climate change and infectious disease in Europe: Impact, projection and adaptation: https://www.thelancet.com/journals/lanepe/article/PIIS2666-7762(21)00216-7/fulltext#seccesectitle0005

The Lancet Psychiatry Commission on youth mental health: https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(24)00163-9/abstract?hss_channel=lcp1155238&utm_campaign=lanpsyyouthmh24&utm_medium=social&dgcid=facebook_organic_infocusbrainhealth_lanpsyyouthmh24_lanpsy&utm_content=303636349&utm_source=linkedin\