



Northumbria Healthcare  
NHS Foundation Trust

**THE NORTHUMBRIA WAY**

PEOPLE CARING FOR PEOPLE

# NERF Conference 2023

## Net Zero Northumbria

*Sir Paul Ennals – Trust Chair & Chair of NEECCo*

*Dr Clare Winter – Head of Sustainability*

[www.northumbria.nhs.uk](http://www.northumbria.nhs.uk)

building a caring future

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# The Climate Emergency is a Health Emergency

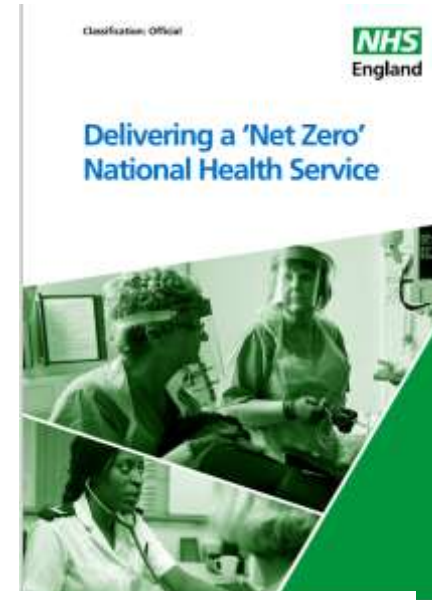
- Viewed at the most serious threat to the health & wellbeing of the global population.
- Climate change undermines the core foundations of good health - contributes to cardiovascular disease, asthma and cancer.
- Fourth greatest threat to public health after cancer, heart disease & obesity.
- UK air pollution – 40,000 premature deaths per year – cost to the NHS > £20billion by 2035.
- Climate change impacts such as poor air quality, heat waves, extreme weather and changing patterns of disease = massive strain on the NHS
- However, 5% of UK emissions from the NHS = 27million tonnes CO<sub>2</sub>. Clearly part of the problem but also a big part of the solution

# NHS as part of the solution

- Delivering a Net Zero NHS' 2020 – now a statutory document through the Health & Care Act 2022
- Net Zero by 2040 (NHS Carbon Footprint) 2045 (NHS Carbon Footprint plus)

## The impact of meeting these targets

- 5,700 lives saved each year from increased air quality
- 38,000 lives saved each year from a more physically active population
- 100,000 lives saved from improved diets



NEECCO BECOMING ENGLAND'S GREENEST REGION

# Northumbria Healthcare

## NORTHUMBRIA AT A GLANCE...

 we serve a population of more than **500,000**  across an area of **2,500** square miles

 more than **3,000** babies born

 more than **374,000** diagnostic tests


every year we deliver **1.5 million** patient interactions, including:

**950,000**  out-of-hospital appointments

around **46,000**  community nursing contacts

**220,000**  visits to minor injury units, urgent care centres & the emergency department

 around **440,000** outpatient appointments

 more than **28,000** operations

around **84,000**  inpatients

**61,000**  day case procedures

- 1 The Northumbria Hospital
- 2 Hexham General Hospital
- 3 North Tyneside General Hospital
- 4 Wansbeck General Hospital
- 5 Alnwick Infirmary
- 6 Berwick Infirmary
- 7 Blyth Community Hospital
- 8 Haltwhistle War Memorial Hospital
- 9 Morpeth NHS Centre
- 10 Rothbury Community Hospital

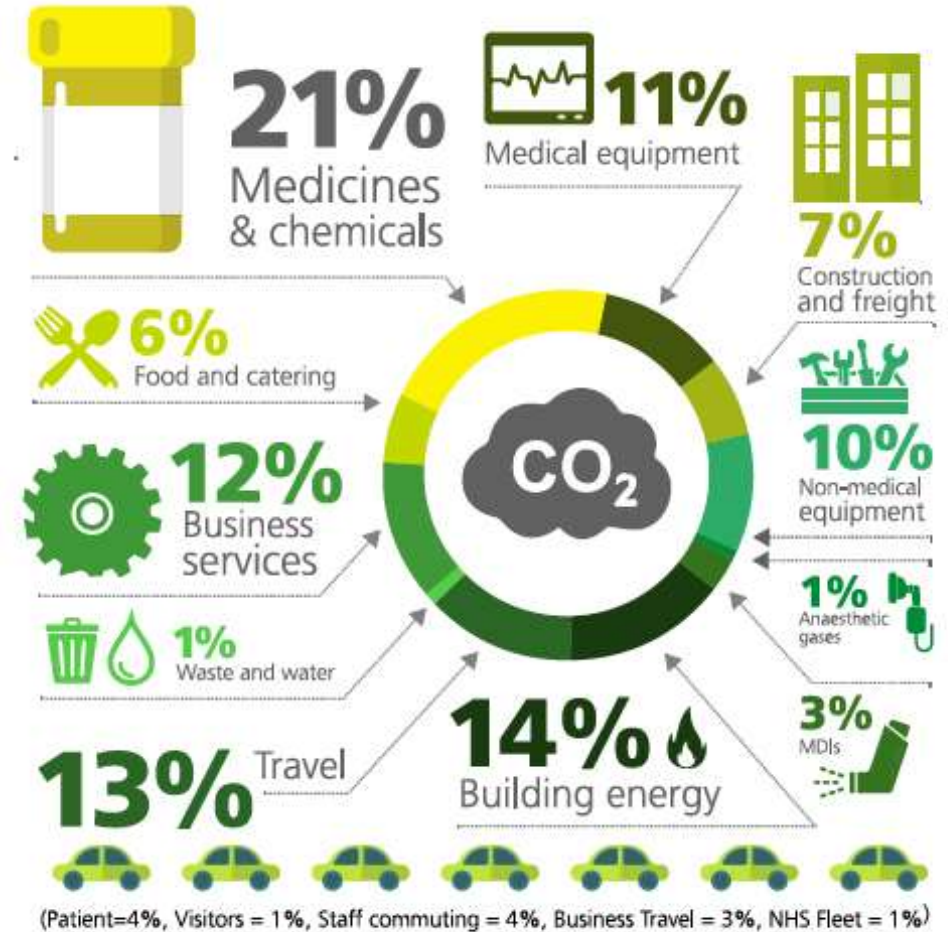
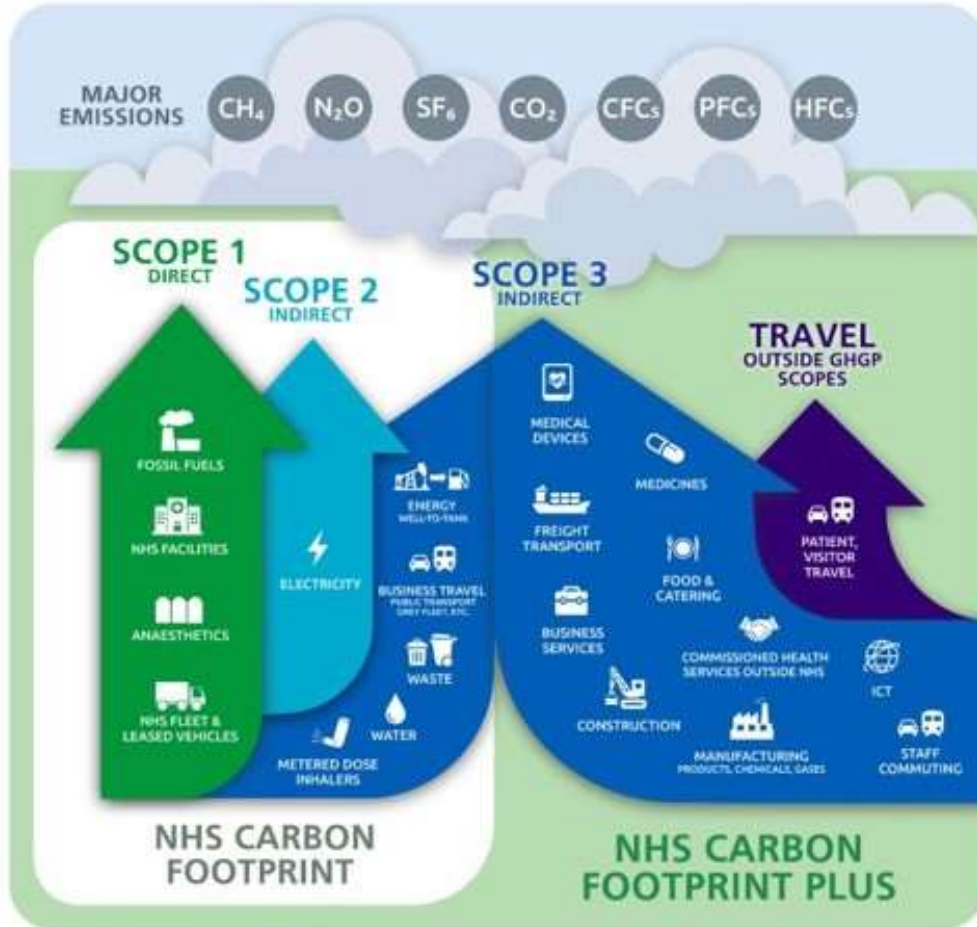


# Our Net Zero Northumbria Mission...

*'The impacts of climate change affect everyone - especially the health of the most vulnerable in our communities.*

*This is why Northumbria Healthcare are adapting, innovating, and changing the way we work to protect our planet, and our people to ensure we meet net zero by 2040.'*

# How does waste fit into all of this?



# Net Zero Northumbria Action Plan – Waste



- Waste Team required
- Complete a full review of all contracts and integrate future wants / must haves into spec and tender docs
- NHS Clinical Waste Strategy principles – integrate into the Trust’s plans
- Train & engage our staff and suppliers
- A regional resource redistribution platform
- Eliminate SUPs from catering outlets and reduce all disposables
- Expand & improve food waste segregation
- Increase useable clinical products
- Reduce waste arising from clinical settings
- Empower patients to make greener choices

# Final thoughts

- We are having to fast track our progress on the whole Net Zero agenda including waste & reuse
- Can't just copy what others have traditionally done – need to think collaboratively & innovatively to reach our NZN and longer term 2040 target

Any Questions?