



Transforming health and care for  
Staffordshire & Stoke-on-Trent

# NHS approach to climate change

## Developing a Staffordshire and Stoke-on-Trent Integrated Care System (ICS) Green Plan

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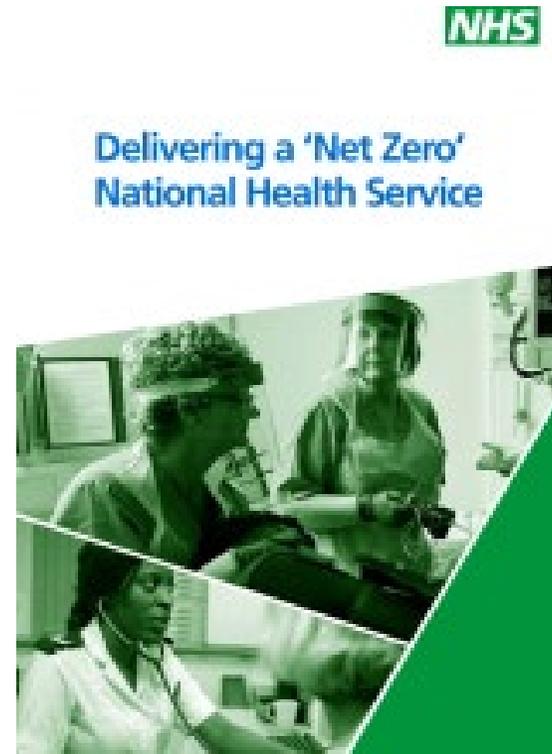
Staffordshire and Stoke-on-Trent ICS Senior Responsible Officer  
for Sustainability



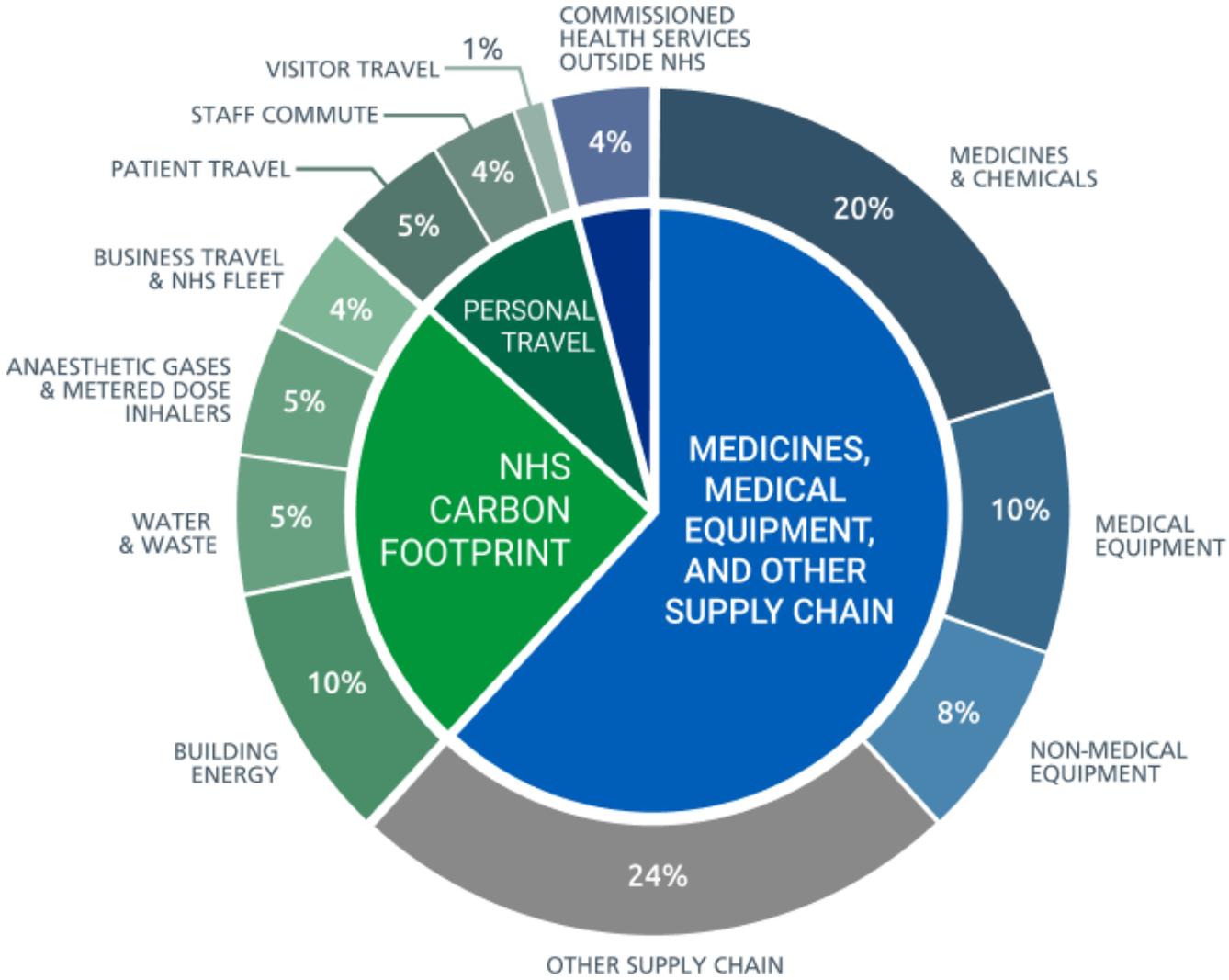
# National Policy Environment

***NHS England and NHS Improvement (NHSEI) vision: to deliver the world's first net zero health service and respond to climate change, improving health now and for future generations.***

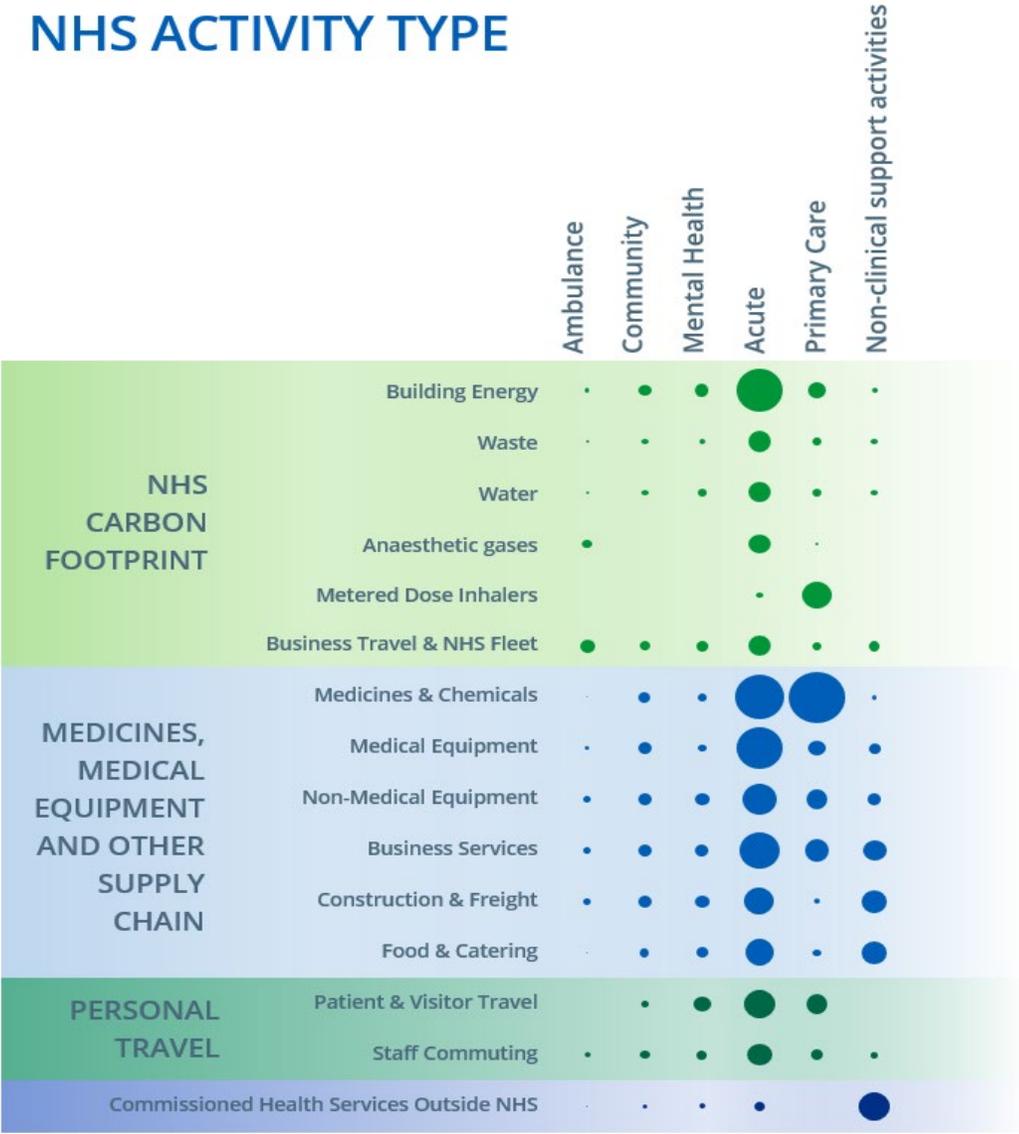
- Climate change poses a major threat to our health and planet - the environment is changing, change is accelerating, and this has direct and immediate consequences for our patients, the public and the NHS.
- UK government has made a commitment to reach net zero carbon by 2050 – health and care system contributes c4-5% of the country's carbon footprint and therefore has a major role to play.
- The report *Delivering a Net Zero Health Service* sets a clear ambition and target for the NHS.
- Two clear and feasible targets are outlined:
  - The NHS Carbon Footprint: for the emissions we control directly, net zero by 2040
  - The NHS Carbon Footprint Plus: for the emissions we can influence, net zero by 2045.



# The Carbon footprint of the NHS

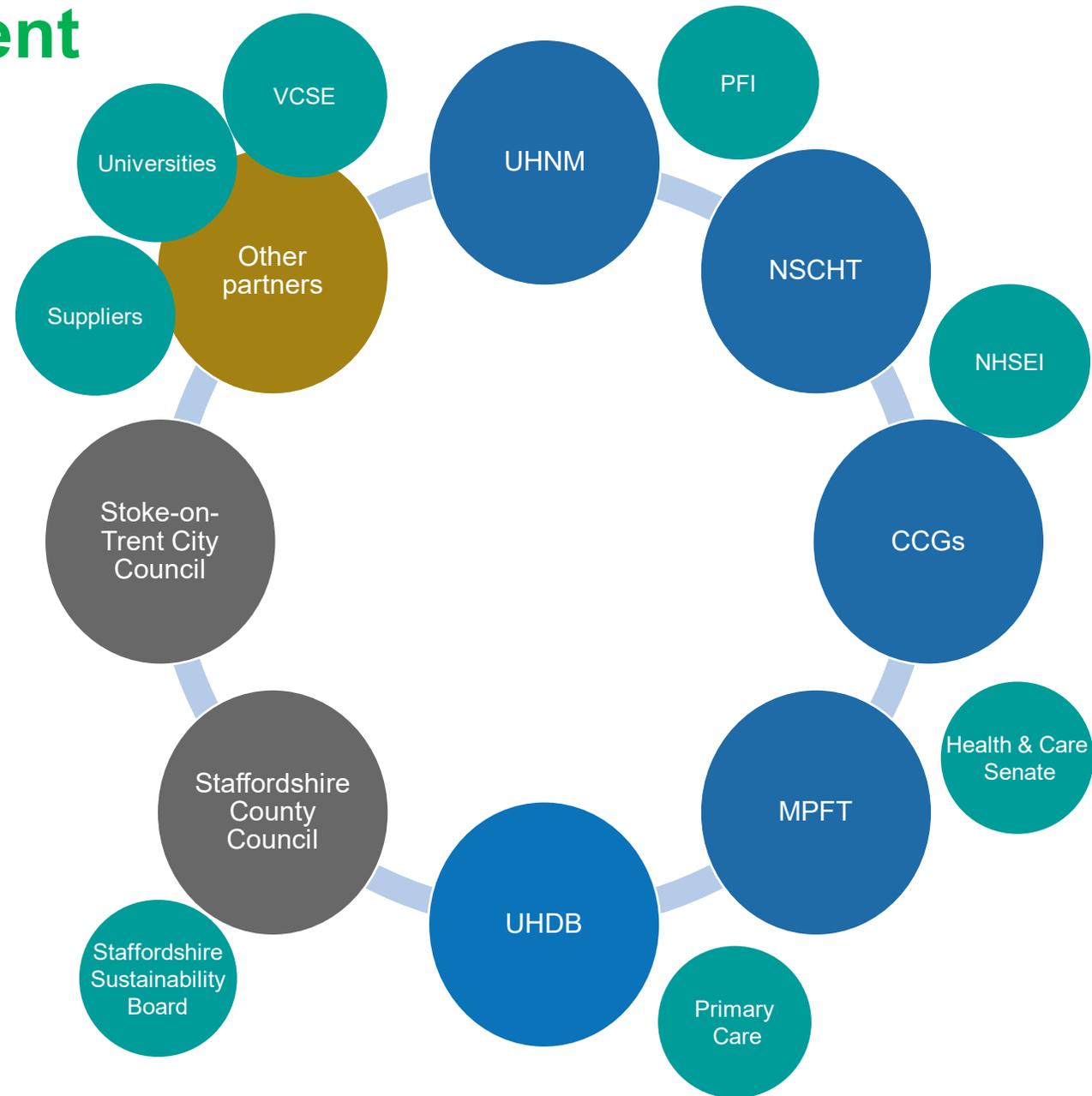


## NHS ACTIVITY TYPE



# Staffordshire and Stoke-on-Trent (SSoT) Sustainability Group

- Nature and scale of the Greener NHS agenda is too broad and deep to be coordinated through a single officer and will require senior, expert input from a broad range of disciplines and functions.
- Providing system oversight for the achievement of the carbon reduction targets against both the NHS Carbon Footprint and the NHS Carbon Footprint Plus, as specified in 'Delivering a Net Zero NHS', as well as monitoring progress against expected trajectories.
- Coordinate production of NHS organisational 3 Year Green Plans (2022/23 – 2024/25) and the subsequent translation of those Green Plans into an ICS Green Plan – this includes:
  - Workforce and leadership
  - Sustainable models of care
  - Digital transformation
  - Travel and transport
  - Estates and facilities
  - Medicines
  - Supply chain and procurement
  - Food and nutrition
  - Adaptation (EPRR).



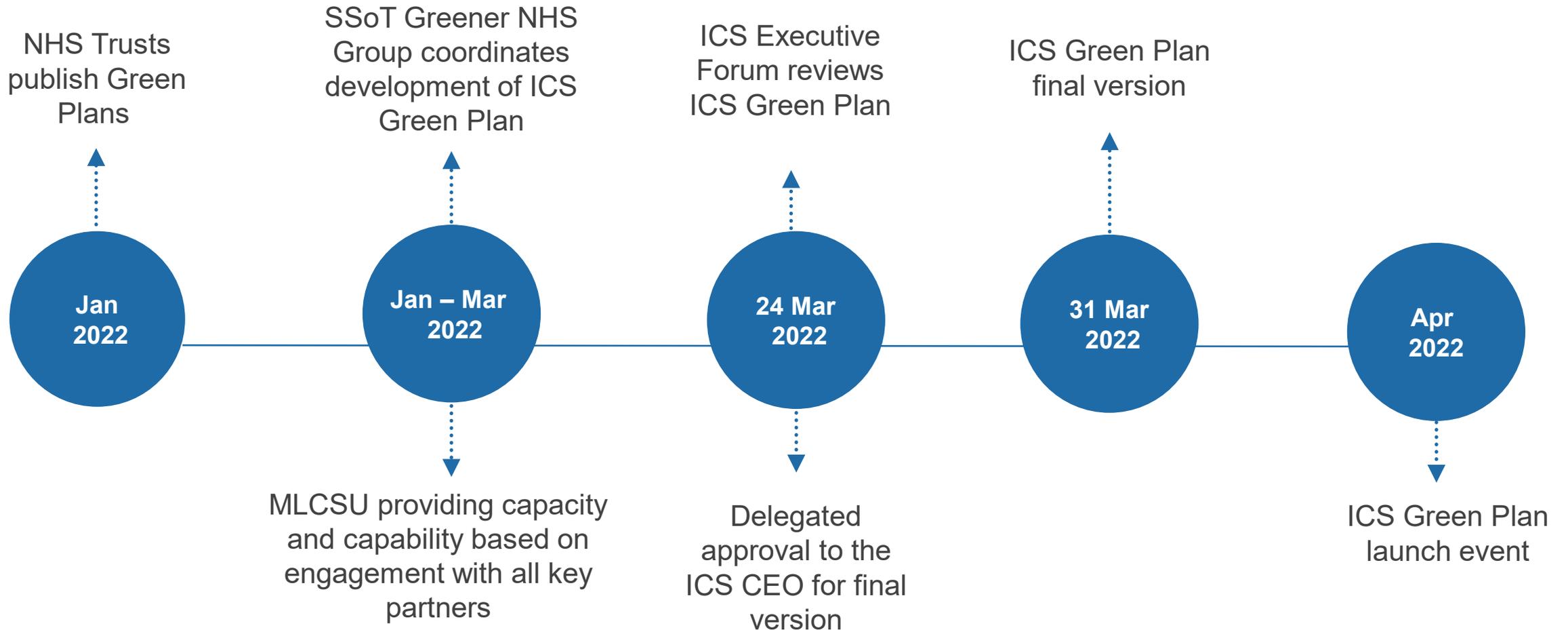
# Areas of focus

- Awareness raising and training via carbon literacy
- Promotion of active travel options
- ULEV/ZEV vehicles – fleet and lease
- Reducing Desflurane usage (an anaesthetic gas)
- Reducing pressure metered dose inhalers and inhaler recycling
- Reducing medicines waste
- Energy efficiency / renewable energy via energy audits
- Net Zero Supplier roadmap - procurement frameworks and work with suppliers of goods and services
- NHS Plastics Pledge / PPE
- Sustainable models of care (including digital transformation)
- Adopt 'Anchor Institution' type approach – promote connection to local communities.



# Green Plan Timeline

## Key milestones in development of the ICS Green Plan



# Case Study – keep well, keep warm

- Designed to prevent hospital readmissions of vulnerable patients whose health conditions could be made worse through living in cold/damp homes
- Partnership of NHS / VCSE / Industry / Community
- Installation of solar panels across UHNM estate to provide UHNM with lower cost and resilient supply of energy
- Reduces UHNM demand on National Grid and generates a return to private industry together with a surplus which accumulates into a community fund
- The community fund resources 'Beat the Cold' to help alleviate fuel poverty in Staffordshire
- Referrals to 'Beat the Cold' come, in part, from UHNM clinicians whose patients are presenting with health conditions linked to their home environments.



Royal Stoke University Hospital rooftops





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**HEALTHIER PLANET**

**HEALTHIER PEOPLE**

# Questions

