

# CRF Green Plan proposal

SMT meeting  
22<sup>nd</sup> February 2023

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# Background

- In 2020, the NHS launched its campaign for a Greener NHS.
- NHS Net zero goals
  - By 2040 for the emissions the NHS controls directly
  - By 2045 for the emissions the NHS has the ability to influence





MAJOR  
EMISSIONS

CH<sub>4</sub>

N<sub>2</sub>O

SF<sub>6</sub>

CO<sub>2</sub>

CFCs

PFCs

HFCs

**SCOPE 1**  
DIRECT

**SCOPE 2**  
INDIRECT

**SCOPE 3**  
INDIRECT

**TRAVEL**  
OUTSIDE GHGP  
SCOPES



FOSSIL FUELS



NHS FACILITIES



ANAESTHETICS



NHS FLEET &  
LEASED VEHICLES



ELECTRICITY



ENERGY  
WELL-TO-TANK



BUSINESS TRAVEL  
PUBLIC TRANSPORT  
GREY FLEET, ETC.



WASTE



WATER



METERED DOSE  
INHALERS



MEDICAL  
DEVICES



MEDICINES



FREIGHT  
TRANSPORT



BUSINESS  
SERVICES



CONSTRUCTION



FOOD &  
CATERING



COMMISSIONED HEALTH  
SERVICES OUTSIDE NHS



MANUFACTURING  
PRODUCTS, CHEMICALS, GASES



ICT



PATIENT,  
VISITOR  
TRAVEL



STAFF  
COMMUTING

**NHS CARBON  
FOOTPRINT**

**NHS CARBON  
FOOTPRINT PLUS**

# Areas of interest



# CRF Green Plan - References

## NHS

- How to produce a Green Plan Guidance – June 2021
- Delivering a 'Net Zero' National Health Service - July 2022

## Trust

- Oxford Health Green Plan V11

## CRF Staff

- MDT meeting
- Study Set up meeting
- Informal idea



# CRF Green Plan

Workforce and System Leadership

Sustainable models of care

Digital transformation

Travel and transport

Estates and facilities

Medicines

Supply chain and procurement

Food and nutrition

Adaptation

# Our Focus Areas - 1

## Workforce and Leadership

- Creation of the CRF Lead Role
- Improve communication with Trust, SMT, and Staff

## Sustainable model of care

- Single vs multiple visits
- Online vs F2F visits

## Digital Transformation

- Reduce printing materials (e.g., eCRF, GP letters, eArchiving)



# Our Focus Areas - 2

## Travel and Transport

- Promote sustainable ways of travelling for staff, participants, and materials (e.g., NHS fleet solution for electric car, pedal post)

## Estates and Facilities

- Improving green spaces
- Improve recycling and use of single-use items

## Medicines

- Improve shipment methods
- Reduce quantity of stock drugs

# Our Focus Areas - 3

Supply chain and procurement

- Promote repurposing (SURPlus project)
- Promote stock items over study-specific stock

Food and nutrition

- Promote healthy fresh food instead of processed food (e.g., lunchbox leaflet)

Adaptation

- Clarify strategy to respond to extreme weather condition (heatwave, heavy snow or cold)



# PROS & CONS

## PROs

- Reduce the CRF carbon footprint
- Reduce waste and expenses
- Digital efficiency
- "Green CRF" profile interesting for Sponsor

## CONs

- Increase workload for Sustainability Leads (short term)
- Increase workload during set up when liaising with Sponsor

Thanks

