

# How the NHS is reducing its carbon footprint through procurement

14<sup>th</sup> November 2016



Sustainable, Resilient, Healthy People & Places

A Sustainable Development Strategy for the  
NHS, Public Health and Social Care system

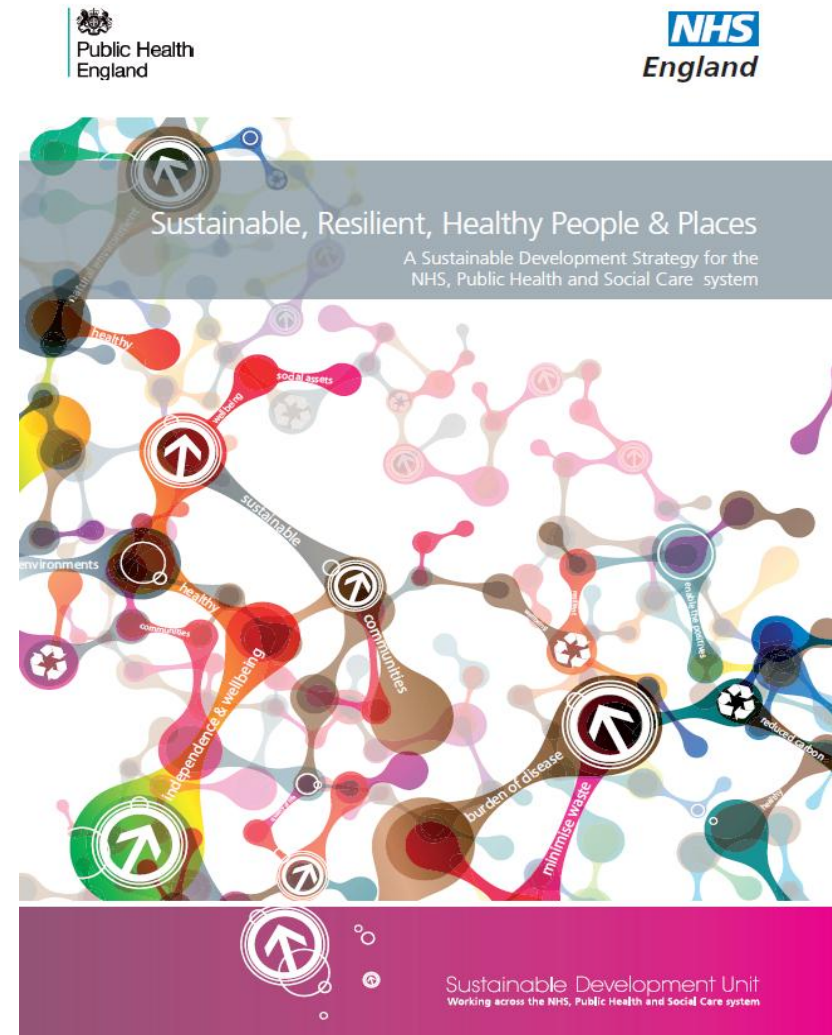
# Sustainable Development Unit

- Founded in April 2008
- Co-funded by NHSE and PHE
- Highly visible
- Expert advice and support to the health and care system in England
- Reports on HSC progress
- Helps the System become sustainable (environmentally, financially and socially)



# Sustainable Development Strategy

- Strategy up to 2020
- For the system, by the system
- Launch event on 29<sup>th</sup> January 2014
- Approval by Chief Executive of NHS England and Public Health England





# SDS modules

- Commissioning and procurement
- Carbon hotspots
- Sustainable clinical and care models
- Leadership, engagement and development
- Healthy, sustainable and resilient communities
- Metrics
- Innovation, technology and R&D
- Creating social value



# Our Expectations

## Organisation:

### 1. Board approved plan

- Sustainable Development Management Plan (or equivalent) including carbon reduction, adaptation plans and actions across the sustainability agenda

### 2. Measure, monitor and report

- Statement of progress and action on sustainable development and adaption performance with recognisable core standard figures in annual report

### 3. Evaluation

- Evaluation, for instance with the Good Corporate Citizenship self assessment tool, to ascertain areas of strengths and opportunities for development

### 4. Engage staff, service users and the public

- Engagement with public, patients, clients and staff to help understand and support the development of a more sustainable and resilient health and care system

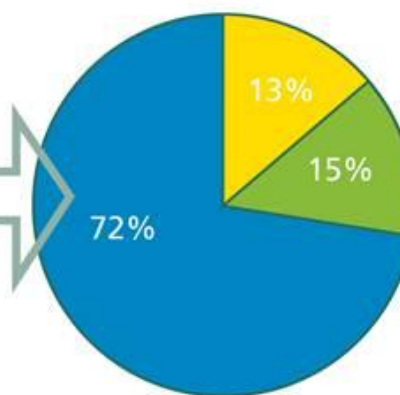
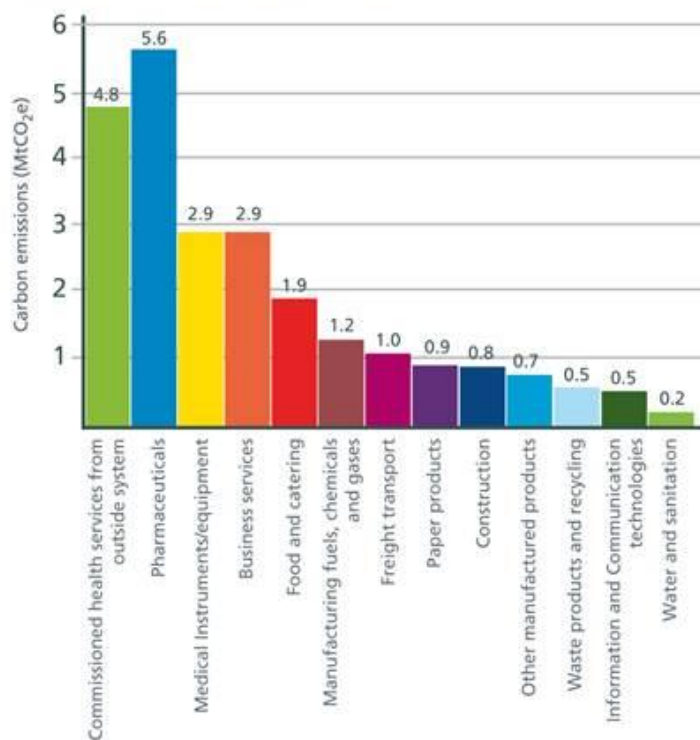




# Carbon footprint of NHS

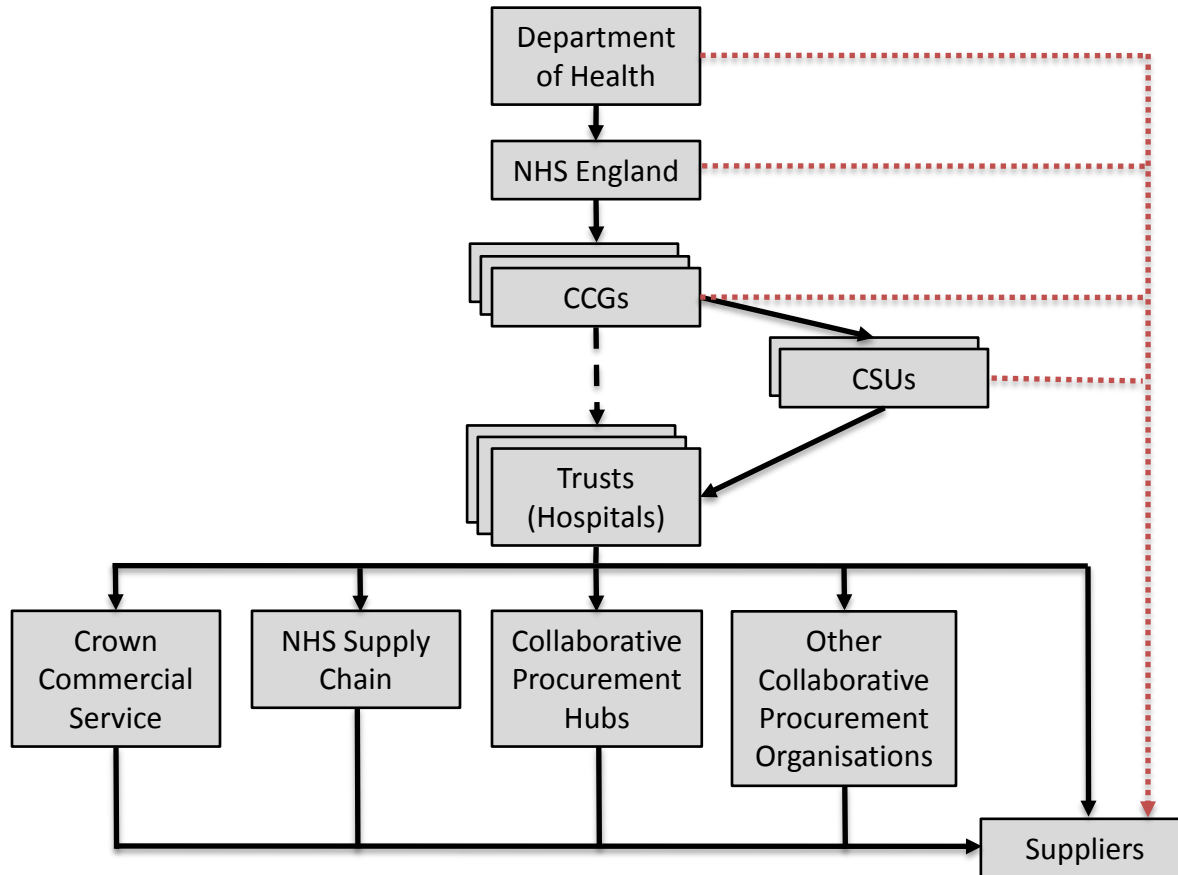
NHS, Public Health and Social Care carbon footprint breakdown 2012

NHS, Public Health and Social Care carbon footprint  
breakdown of procurement 2012



Breaking down the carbon footprint demonstrates **three key areas** to focus carbon reduction activity.

# Procurement in the HSC



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# Practical support

1. Sustainable Procurement Task Force Flexible Framework ([FFW](#)), Procuring for Carbon Reduction ([P4CR](#)) and Ethical Procurement for Health ([EPH](#))
2. Government Buying Standards ([GBS](#))
3. [Training](#)
4. **Examples of good practice ([case studies](#))**
5. **A presence on [CPE](#)**
6. **An informal mandate (through the [sustainable procurement survey](#))**
7. **Developing an Implementation Strategy to bring all these together and provide a steer to the System**



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Public Health  
England

**NHS**  
*England*

# PROCURING FOR CARBON REDUCTION

## Executive Summary



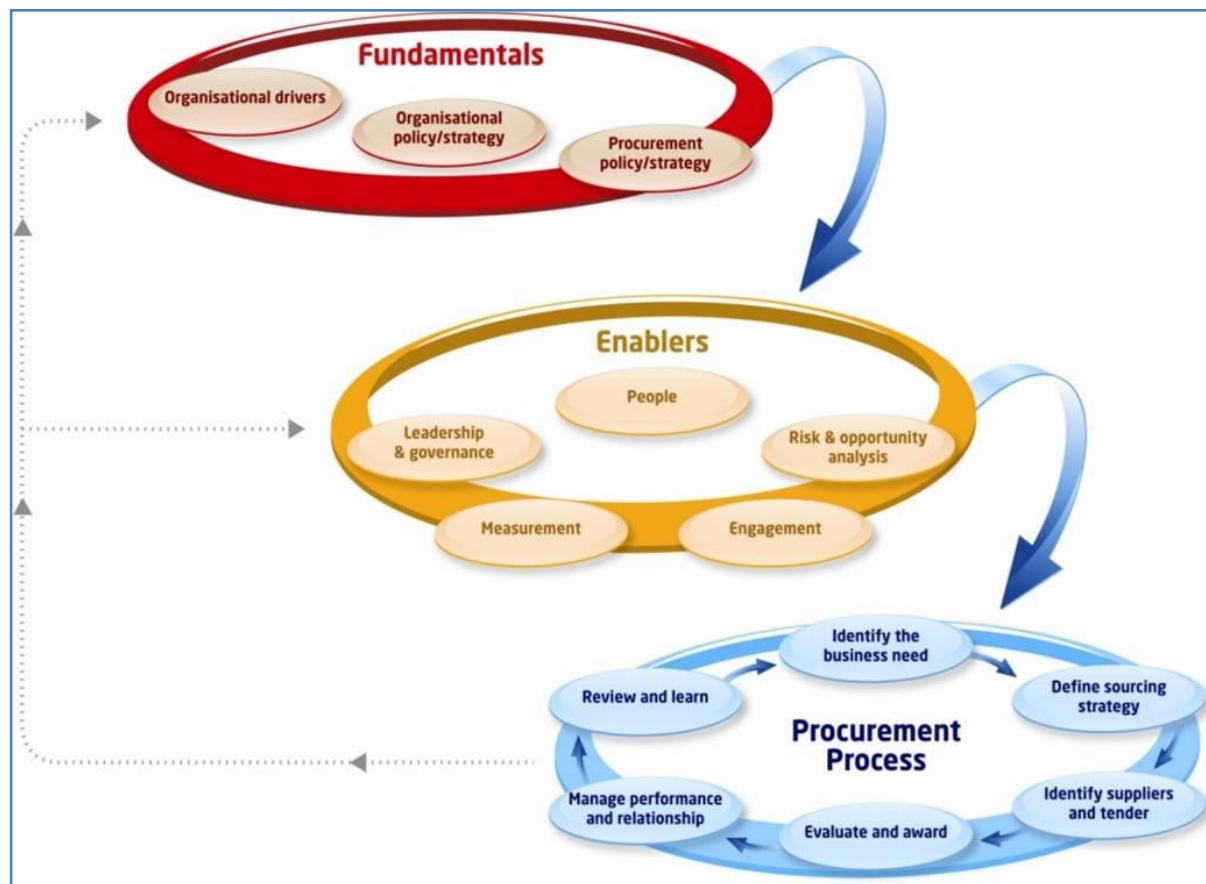
Document for comment January 2010

**DH** Department  
of Health

**NHS**  
Sustainable  
Development Unit

## Sustainable, Resilient, Healthy People & Places

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# CSPM overview

- Formed in early 2012
- Consortium of health related organisations
- Mechanism for driving change – bringing parts of the system together and working collaboratively
- SDU acts as secretariat
- International reach



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# Carbon footprint guidance

- Aimed to support consistent quantification of the carbon footprint of pharmaceutical products and medical devices
- Guidelines launched in November 2012, internationally focussed and freely available



Greenhouse Gas Accounting Sector  
Guidance for Pharmaceutical Products and  
Medical Devices

GHG Protocol Product Life Cycle Accounting  
and Reporting Standard

November 2012



# Identifying high GHG prescription items

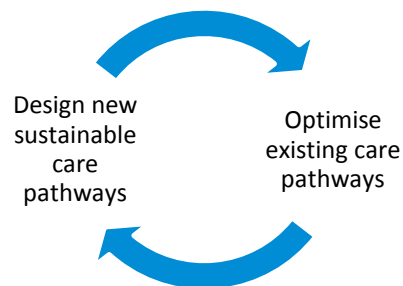
- NHS prescription cost analysis and hospital prescription data
- Estimate high GHG items based on GHG intensity, volume and cost
- Aim to identify where biggest GHG savings may be achieved through reductions across product life cycle and investigating alternative care pathways





# Care pathways guidance

- Freely available guidance allowing interested parties to investigate and understand the sustainability aspects of healthcare pathways globally
- Enable sustainability considerations to be more easily taken into account in a transforming global healthcare system



## Care Pathways: Guidance on Appraising Sustainability

### Main Document

October 2015



 Sustainable Development Unit  
Working across the NHS, Public Health and Social Care system

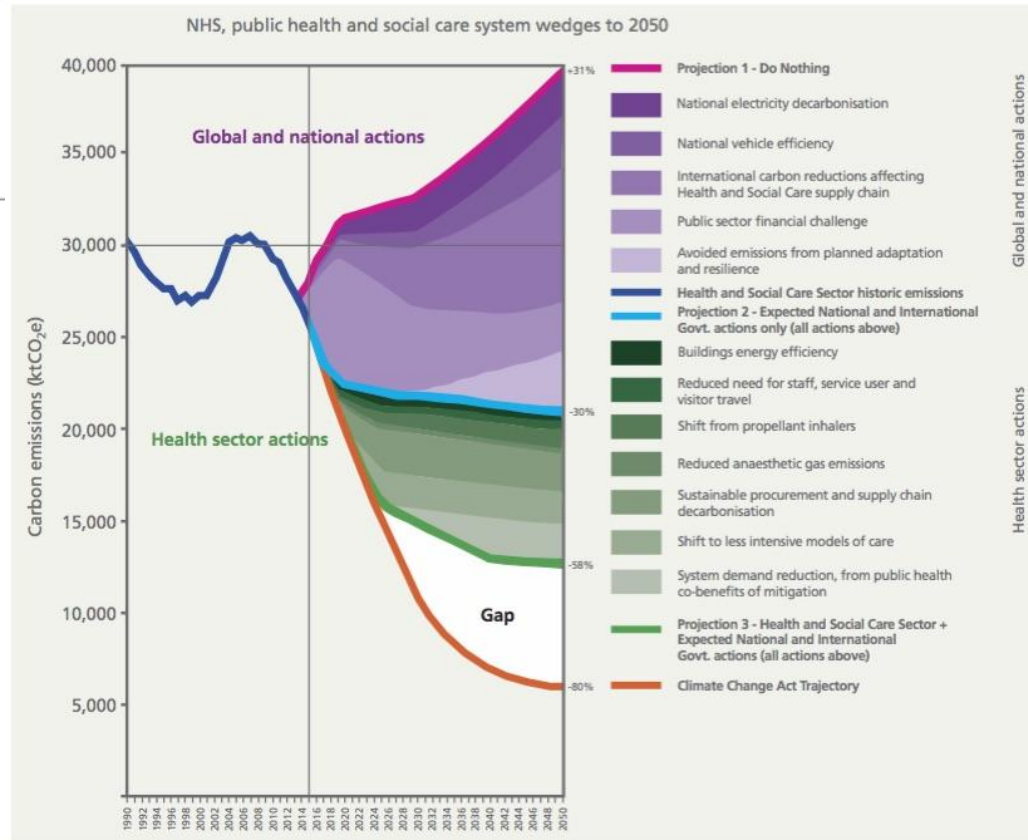
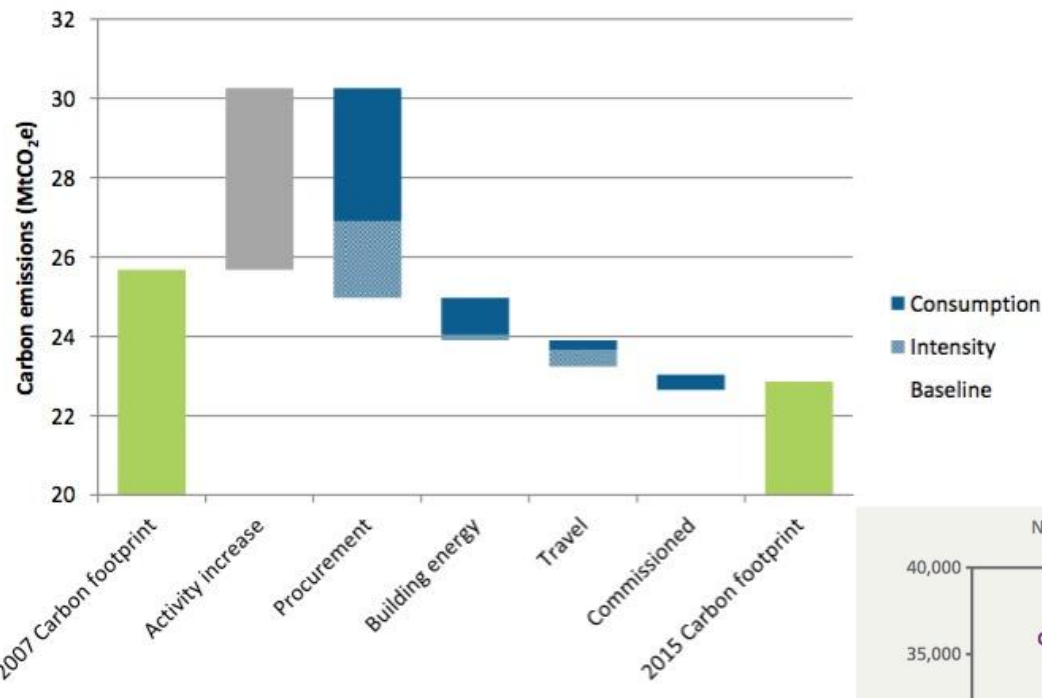




# Beyond Carbon

- Care pathways includes water and waste impacts, in addition to carbon
- Ethical Procurement for Health
- Social Value Act (2012)
- Modern Slavery Act (2015)

# NHS change in carbon emissions 2007 to 2015



# The Future depends on what you do today

Mahatma Gandhi



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