Sustainable health and social care.

Research and Development.

Emerging messages from consultation

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The R&D Journey - context

• Serial NHS Carbon footprinting and hotspots
• Marginal abatement cost curves
• International guidance for carbon footprinting of pharmaceuticals and medical devices
• King’s Fund/Social Care R&D scoping study
• Route map for a sustainable health/care system
• Future scenarios
• Public and Chief Executive surveys
• Consultation for a sustainable NHS, Public Health and Social Care system: 2014-2020
Sustainable Development Strategy
Health, Public Health and Social Care System 2014-2020

Consultation
Jan 2013 – May 2013
Consultation Questions

| Question ONE: | Is a new strategy for sustainable development needed to co-ordinate and guide the next phase of action to 2020? |
| Question TWO: | Which elements of the health and care system should be included in the scope of the next strategy? |
| Question THREE: | Should the health and care system set itself challenging ambitions with regard to sustainability? |
| Question FOUR: | Should sustainable development be measured more broadly than through carbon reduction only? |
| Question FIVE: | What areas of sustainable development need to be prioritised in the next strategy? |
| Question SIX: | What areas of research need to be prioritised to enable a more sustainable health and care system? |
| Question SEVEN: | Are there any questions, issues and opportunities missing from this consultation document? |
Question SIX:
What areas of research need to be prioritised to enable a more sustainable health and care system?
1. Emerging findings

Understanding, quantifying and framing the win-wins / co-benefits

- Health co-benefits
- Environment
- Economic and financial
- Financial co-benefits
2. Emerging findings

• Specific research issues
  
  a)  What are the health and environmental benefits of multi-use instruments?
  
  b)  How do we make the best use of medicines?
  
  c)  How do make the health and care system, structures and processes more resilient to resource shortages and extreme events?
  
  d)  How do align better models of prevention and care with a more sustainable system of health and wellbeing?
3. Emerging findings

• Dissemination, sharing, and implementation of the best evaluated practice:
  a) Buildings
    • DeDeRHECC: Design & Delivery of Robust Hospital Environments in a Changing Climate
    • BioPICCC: supporting the health and social care for older people to be resilient to a changing environment
    • Building Research Establishment (BRE)
  b) Knowledge transfer networks
4. Emerging findings

- Methodology research
  - for comparing business cases of competing models of care
  - standards to improve quality / consistency in practice (e.g. consensus statements)

- Modelling

- Metrics, reporting, and governance mechanisms

- Translating primary research into tools and guidance for service planners / decision makers (a la NICE/SCIE)
Greenhouse Gas Accounting Sector Guidance for Pharmaceutical Products and Medical Devices

GHG Protocol Product Life Cycle Accounting and Reporting Standard

November 2012
From....

NHS England CO$_2$e footprint 1990 – 2020
with Climate Change Act targets
To....

AWARENESS
- Board Champion
- Energy awareness campaign
- Job descriptions include sustainability

GOVERNANCE
- Healthy Travel Plan
- Sign up to GCC
- Board approved SDMPs

HEALTH OUTCOMES
- Inequalities
- Self reported wellbeing
- Low unplanned admissions

USE OF RESOURCES
- Carbon - building energy use
- Waste - volume
- Water - volume

Current performance against the 12 measures:
Funding Opportunities with the Health Services and Delivery Research (HS&DR) Programme

The HS&DR Programme aims to produce rigorous and relevant evidence on the quality, accessibility and organisation of health services, and is now accepting applications to its researcher-led workstream. The closing date for applications is **1pm 3 October 2013**.

The HS&DR Programme accepts applications for both primary research and evidence syntheses, depending on the existing research and the most appropriate way of responding to important knowledge gaps. The aim is to fund research that will lead to improvements in health services that will be of greatest benefit to the NHS and to patients.

**Highlight notice**

In addition to the standard researcher-led round, the HS&DR Programme is interested in receiving applications relating to:

- Improving environmental sustainability in the NHS, and how this affects the quality and organisation of services.

For more information and to access the application form and guidance notes, please visit the HS&DR website.

**Contact us**

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