

# Driving benefit through regional carbon and energy collaboration

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Shortlisted for an HSJ Efficiency award

## A regional programme encompassing 14 trusts and commissioned by Chief Executives

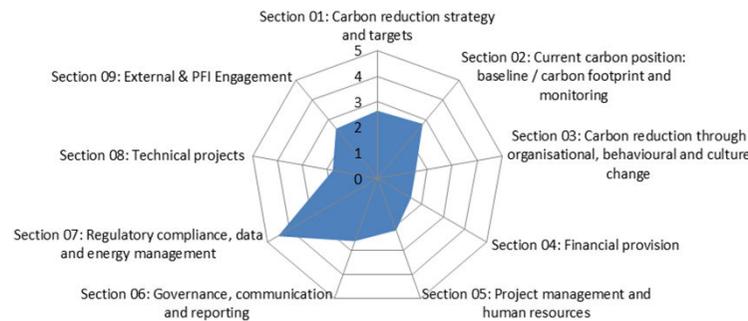
In January 2012, the NHS South Central Regional Enablement Group, a forum of the region's Chief Executives, commissioned a programme of collaborative work on carbon and energy reduction across the region's 14 acute, mental health and community trusts.

## A method that identified the technical opportunities and state-of-readiness to take action

- The study focused on measuring the state of readiness of each trust and identifying the priority opportunities for energy reduction.
- Trusts were provided a short proforma to collect high-level energy and sustainability data. This was followed up with an in depth on-site review of each trust with key trust personnel.
- Trust contacts were typically estates or deputy estates directors.
- Technical potential was assessed using rapid assessment techniques that identified future project potential.
- State-of-readiness was assessed using a questionnaire that benchmarked trusts against nine criteria based on the key factors that influencing performance.

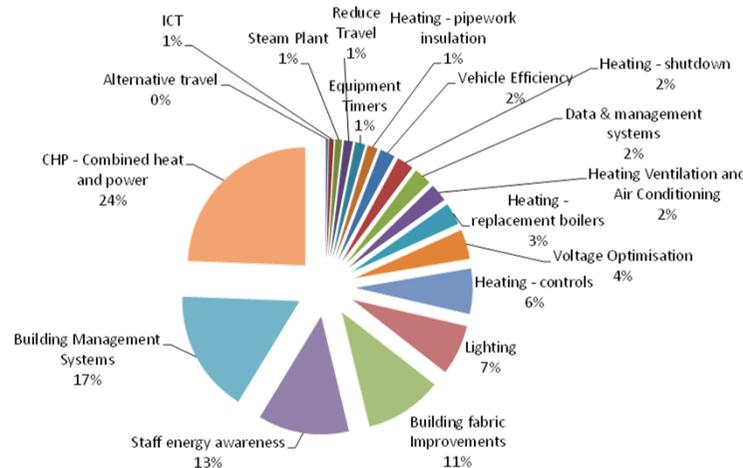
### Average maturity scores

The chart below shows the average maturity score for the 14 trusts across the region. It demonstrates high competence in regulatory compliance but weaknesses in other areas.



### Spread of top opportunities by carbon

The chart below shows the spread of opportunities by carbon and highlights six key project types are dominant demonstrating a clear case for regional collaboration.



## Significant potential and opportunity revealed

- Annual building energy spend across all 14 trusts was £40million / year.
- Identified opportunity to save £92million by 2020 (cumulative).
- £45million of capital investment identified with simple payback of 5.2 years, saving 23% of carbon footprint with six opportunity types achieving over 75% of the total saving.
- On average, trusts are good at responding to regulation but are weaker in other areas.
- Investment is a significant challenge for trusts but options exist for trusts to outsource through energy performance (EnPC) contracts such as the NHS Carbon and Energy Fund.

## Action

Following presentation of the findings the following themes were taken forward by the Regional Enablement Group:

- **Carbon and Energy Fund** - Four trusts engaged with the CEF with £2.3million of guaranteed savings now in procurement.
- **Engagement and transport** – Working groups were established for trusts across the region to collaborate on programme development.
- **Regional communication** – Regular communications to all trusts was established to build momentum and support sustainability leads.

**Next steps:** This programme presents significant opportunity on a national scale to enable trusts to work together to save resource and create significant carbon savings in a rapid and cost effective way.

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