

Hospital Caterers Association Conference 2014

The Ability to Sustain



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- Why be Sustainable?
- The Barts Health Approach
- The National Picture
- NHS Sustainability day
- Healthcare Food for Life Pathfinders
- •14:14
- You Can Do This



The Barts Estate

578,375m2 across 4 London boroughs:

- Largest NHS Trust footprint
- Micro version of the NHS old & new
- 280+ buildings
- 2x PFIs = 44% footprint





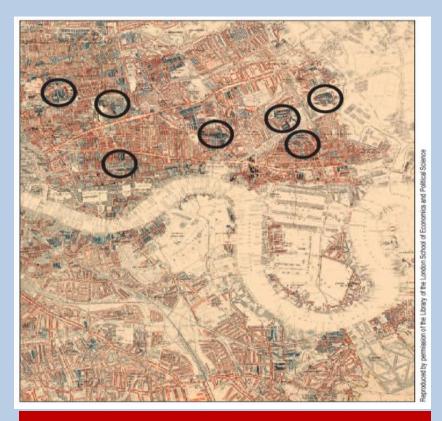


LONDON CHEST Hospital

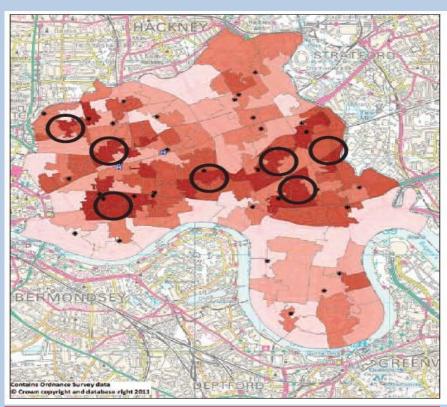
ST BARTHOLOMEW'S HOSPITAL

THE ROYAL LONDON HOSPITAL MILE END HOSPITAL NEWHAM HOSPITAL

Poor health and health inequalities in East London remain relatively persistent

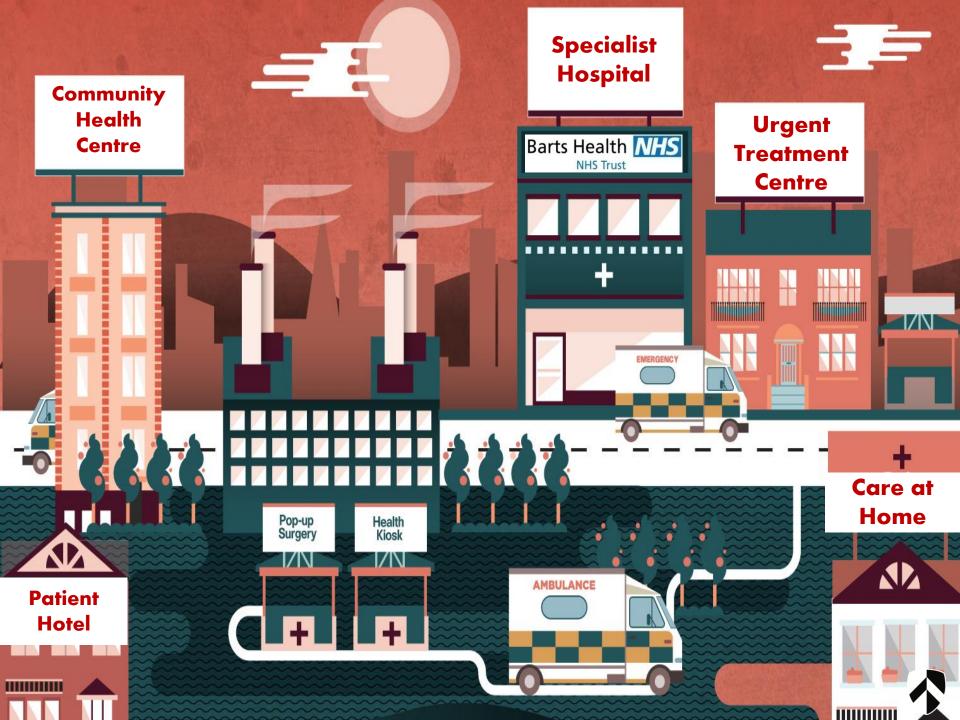


Map shows historical poverty mapped by Charles Booth in **1898**



Map shows hot spots of areas with high risk of diabetes, known to be linked to deprivation, in **2011**





Why Should We Become More Sustainable?

- Scientific case the scientific evidence We should do
 We are releasing 350m years of stored CO₂ VERY fast
- Legal case The Climate Change act 2008 We have to (CRC)
- Health case A low carbon sustainable healthcare system will deliver immediate and longer term healthcare co- benefits – We must do
- Business case To realise efficiency and productivity savings. Good for reputation. We will do
- **Leadership case** According to the Lancet climate change is the 'biggest global health threat of the 21st Century'. The values of the NHS to protect health and well being mean that we must take the lead. **We ought to**

Pharmaceuticals Food Treatment Waste Transport







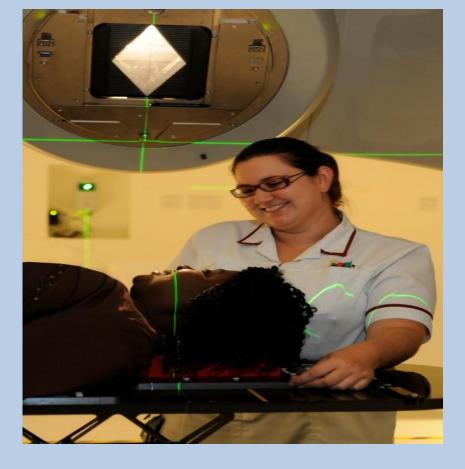






Sustainable Healthcare?





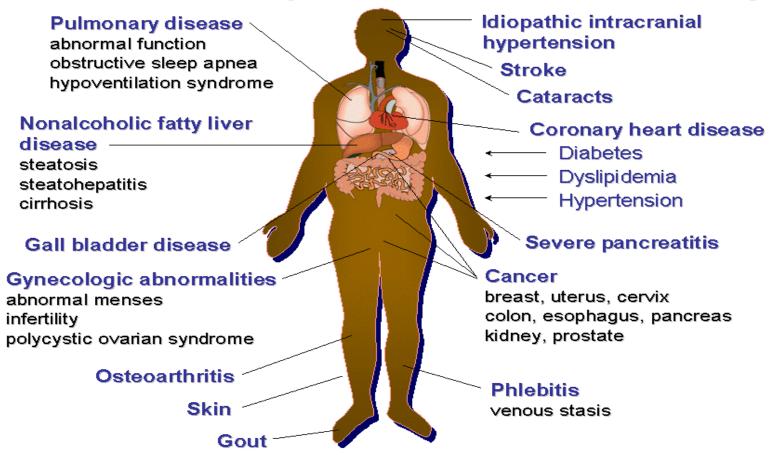
Life expectancy in 1948:
Men 66 Women 70
NHS spend 2.4% of GDP

Life expectancy in 2012: Men 78 Women 83 NHS spend 9.8% of GDP



Future health pressure – Obesity

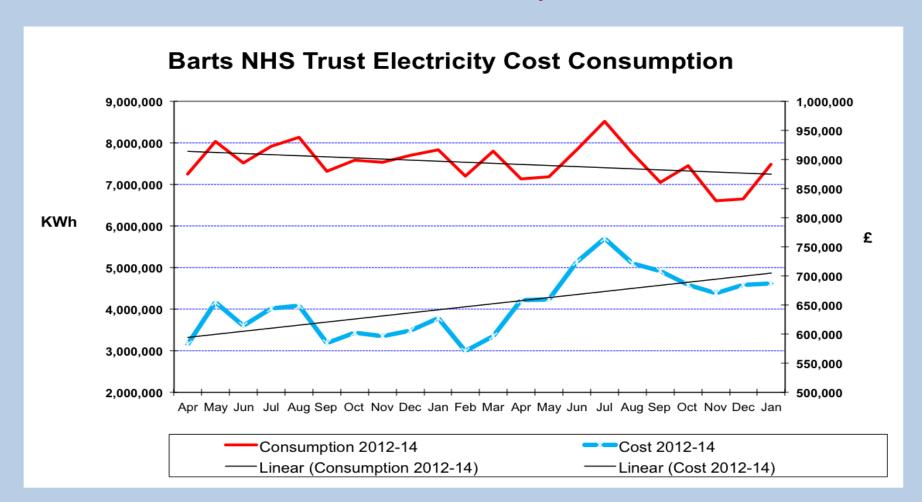
Medical Complications of Obesity



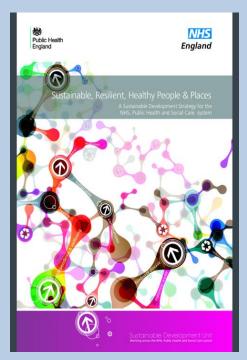


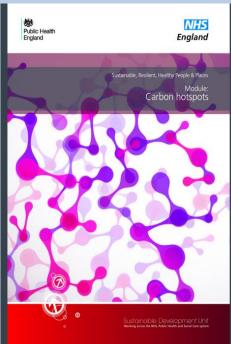
The Price of Energy

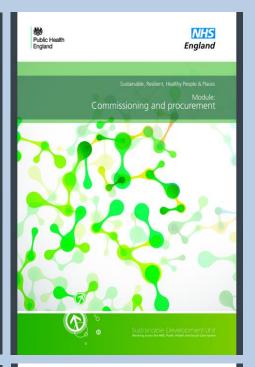
Set to rise 50% by 2020









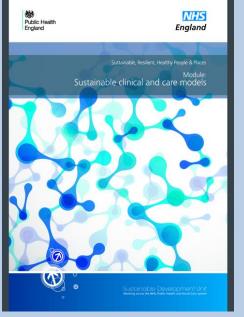


National guidance

Local Strategy









Operation TLC

Turn Off - Lights Out - Close Doors

Here are some of the benefits from Operation TLC so far:



1/3 fewer sleep disruptions



1/4 fewer privacy intrusions



Calmer working environment



Improved security



Better working temperatures



Saves CO₂



Saves the Trust money



Operation TLC



In the press

Evening Standard

























Reducing Fuel Poverty

Live Warm, Live Well





- Cold homes cause >25K excess winter deaths in UK each year
- 330 people died from cold homes in Tower Hamlets in 2012
- Every £1 spent heating home saves NHS £0.42
- Created Partnership reduce fuel poverty and health and social inequalities to 250 homes
- Drive change through clinical practices





Cleaner Air for East London

Tackling Air Pollution







- Poor Air Quality kills 29,000 each year
- 4,000 Londoner die prematurely
- Cost to NHS £20bn a year twice as much as obesity
- Barts Health leading partnership project to tackle air quality in east London





EPC

Improving our performance



£1.8m
Guaranteed
Savings

£12m
Private
Sector
Investment

£1.32m Social Investment 43%
Carbon
Reduction

- 11 Year Partnership Project
- Achieve 2020 legislative targets
- Allows Investment in Infrastructure, reducing backlog maintenance risk
- Increases resilience
- Reduces consumption, improves engagement
- Flexibility to support emerging clinical strategies
- Remain a leader





Innovation

A recycling revolution







- Solar charged compacting bins
- Vending machines for waste
- Recycling pharmaceuticals
- Reusing our cooking oils
- Commodotising our waste
- Composting our food





Powering Health

With onsite generation







- First Project of it's kind
- Partnership backing GE, NHS Confederation and IHEEM
- Delivered through PFI variation
- Save £700K in energy costs
- 2,500 tonnes CO2 saved
- Fully funded solution
- Improved resilience





Food for Life Partnership

Health, Education and Sustainability





- 1 of 3 pilot trusts for the FFLP pathfinder project
- 3 core themes; Health, Sustainability, Education
 - Food Education Skills
 - Catering Quality Standards and Certification
 - A Health Promoting Setting
 - Patient Dining Experience
 - Community and Partners
- Supports public health and health and wellbeing agenda
- Engages patients





Hospital Pathfinder Pilots: provisional framework diagram

HEALTH

SUSTAINABILITY

EDUCATION

FOOD EDUCATION AND SKILLS

e.g. support cooking and growing skills development

PATIENT DINING EXPERIENCE

e.g. dining experience tailored to maximise positive experience for different patient groups

CATERING QUALITY STANDARDS AND CERTIFICATION

e.g. improve food quality through FFL Catering Mark: patients, staff and visitors

A HEALTH PROMOTING SETTING

e.g. leadership on developing a good food culture throughout the hospital

COMMUNITY AND PARTNERS

e.g. Connect hospital and relevant social care settings in the nutritional support of patients into post discharge life



14:14

Planting the seeds of change





- Getting the NHS to grow their own
- Reducing the carbon footprint of patient meals
- Delivering a sustainable legacy for local grown produce
- Engaging communities to support their NHS
- Evidence Therapeutic Benefits
- Fitness/Well Being/Recovery
- Integrating Health and Sustainability
- @dayforaction Guidance
- www.14:14campaign.com





Lambeth Food Co-op

Supporting the community, supporting the NHS

















Lancashire Care

Growing their own





The Estates and Facilities Department are proud and excited to announce

The Grow Your Own Project

Working in Partnership with the SDU (Step Down Unit) in Secure Services.

The project will bring people together and promote an active and engaging lifestyle as well as benefiting local wildlife and the environment

Together we are dedicated to provide a sustainable project with the purpose to grow our own produce and harness the mood-boosting power of gardening

The project will also provide fresh produce that will be prepared and served in the Guild Lodge kitchen promoting healthy eating and living















This is all 'NHSable'





NHS Sustainability Day 27 27



- National day of action and engagement across NHS on Climate Change
- 75% of NHS took part 300 participating in 2014
- 50,000 website hits, 700 twitter followers,
 1,000 newsletter subscribers
- Creating a legacy for our communities
- Amazing support and endorsement NHS England, Public Health England, Royal Colleges, associations, Institutes, politicians and celebrities
- Internationally showcasing NHS
- IPCC report on Climate Change

www.nhssustainabilityday.co.uk
@dayforaction





NHS Sustainability Day Awards

Blazing a trail - Celebrating Success

Award Categories



Waste

Sponsored by Big Belly Solar



Energy

Sponsored by Carillion



Behaviour Change

Sponsored by Low Carbon



Transport

Sponsored by Skanska



Food

Sponsored by ISS Facility



Procurement Sponsored by SRCL



Carbon

Sponsored by British Gas



Water

Sponsorted by ADSM



Clinical

Sponsored by PHS Group



Community

Sponsored by Medirest



Overall winner Sponsored by Carillion 65 Entries

11 Categories

11 Winners

7 Highly Commended



David Cameron plants one of 500 trees on NHS Sustainability Day 2014









Next year... Working towards a zero carbon NHS



In the news last week...



Royal College of Physicians

Sir Sabaratnam Arulkumaran







Together we achieve more...



Video NHS Sustainability Day 2014



Imagine knowing that we've done our best to improve health and minimise our impact on the environment.





