

Sustainability Report

Introduction

As an NHS organisation, and as a spender of public funds, we have an obligation to work in a way that has a positive effect on the communities for which we commission and procure healthcare services. Sustainability means spending public money well, the smart and efficient use of natural resources and building healthy, resilient communities. By making the most of by making the most of social, environmental and economic assets we can improve health both in the immediate and long term even in the context of rising cost of natural resources. Spending money well and considering the social and environmental impacts is enshrined in the Public Services (Social Value) Act (2012).

In order to fulfil our responsibilities for the role we play, NHS Barking and Dagenham CCG has the following sustainability mission statement located in our sustainable development management plan (SDMP):

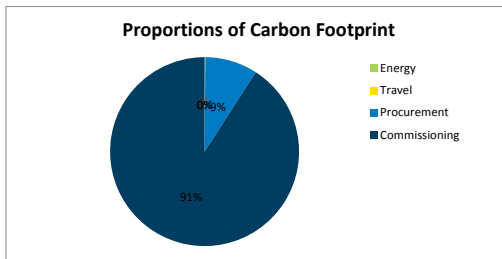
"Barking and Dagenham CCG, Havering CCG and Redbridge CCG (BHR CCGs) recognise the impact the CCGs have on the environment and the strong links between sustainability and the health of the population. We acknowledge there is a need to work smarter and achieve more with increasingly limited resources. As a group of CCGs with a shared management team, the organisation structure was created with sustainability in mind and has been at the forefront of everything we have done since our establishment in April 2013.."

As a part of the NHS, public health and social care system, it is our duty to contribute towards the level of ambition set in 2014 of reducing the carbon footprint of the NHS, public health and social care system by 34% (from a 1990 baseline) equivalent to a 28% reduction from a 2013 baseline by 2020. It is our aim to meet this target by reducing our carbon emissions 28% by 2020 using 2013 as the baseline year.

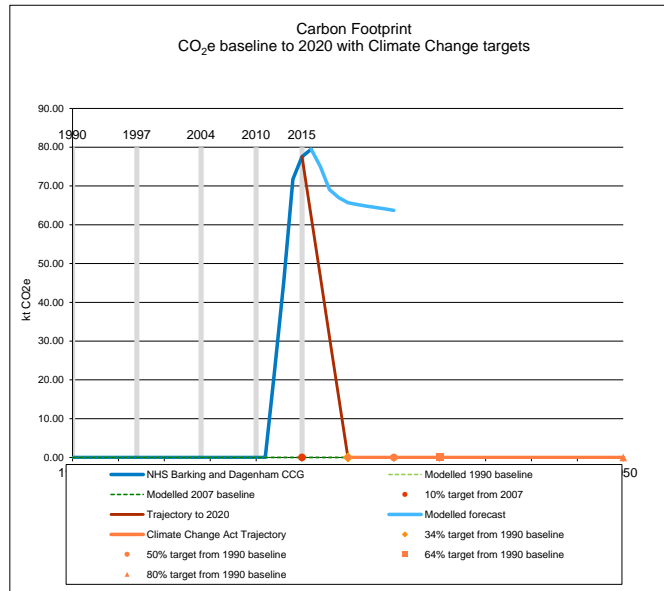
Modelled Carbon Footprint

The majority of the environmental and social impacts are through the services we commission. Therefore, the following information uses a scaled model based on work performed by the Sustainable Development Unit (SDU) in 2014/15. More information available here: <http://www.sduhealth.org.uk/policy-strategy/reporting/nhs-carbon-footprint.aspx> Resulting in an estimated total carbon footprint of 83,612 tonnes of carbon dioxide equivalent emissions (tCO₂e). The majority of this impact is from the services we commission.

Category	% CO ₂ e
Energy	0%
Travel	0%
Procurement	9%
Commissioning	91%



CO ₂ Emissions (tCO ₂ e) Profile	2014/15
Total	83,612
Pharmaceuticals	7,503
Paper products	0
Other procurement	0
Other manufactured products	0
Medical Instruments /equipment	0
Manufactured fuels chemicals and gas	1
Information and communication technology	0
Freight transport	0
Food and catering	1
Construction	0
Business services	0
Capital spend	0
Water and sanitation	1
Waste products and recycling	0
Travel	17
Imported Heat/Steam	0
Electricity	78
Coal	0
Oil	0
Gas	21
Commissioning	75,989



Policies

In order to embed sustainability within our business it is important to explain where in our process and procedures sustainability features.

Area	Is sustainability considered?
Commissioning (environmental)	Yes
Commissioning (social impact)	Yes
Suppliers' impact	Yes
Business Cases	Yes
Travel	No

One of the ways in which an organisation can embed sustainability is through the use of an SDMP. The board approved our SDMP in the last 12 months so our plans for a sustainable future are well known within the organisation and clearly laid out.

As an organisation that acknowledges its responsibility towards creating a sustainable future, we help achieve that goal by running awareness campaigns that promote the benefits of sustainability to our staff.

Climate change brings new challenges to our business both in direct effects to the healthcare estates, but also to patient health. Examples of recent years include the effects of heat waves, extreme temperatures and prolonged periods of cold, floods, droughts etc. Our board approved plans address the potential need to adapt the delivery the organisation's activities and infrastructure to climate change and adverse weather events

We do not quantify the social and environmental impacts for the CCG.

We have not currently issued a statement on modern slavery.

Partnerships

As a commissioning and contracting organisation, we will need effective contract mechanisms to deliver our ambitions for sustainable healthcare delivery. The NHS policy framework already sets the scene for commissioners and providers to operate in a sustainable manner. Crucially for us as a CCG, evidence of this commitment will need to be provided in part through contracting mechanisms.

We have not currently established any strategic partnerships. For commissioned services here is the sustainability comparator for our providers:

Organisation Name	SDMP	On track for 34% reduction	GCC	Healthy travel plan	Adaptation	SD Reporting score
BARKING, HAVERING AND REDBRIDGE UNIVERSITY HOSPITALS NHS TRUST	Yes	1. On track to meet target	Yes	Yes	No	Poor
BARTS HEALTH NHS TRUST	Yes	1. On track to meet target	Yes	No	Yes	Good
NORTH EAST LONDON NHS FOUNDATION TRUST	Yes	2. Target included but not on track to be met	No	No	No	Poor
LONDON AMBULANCE SERVICE NHS TRUST	Yes	2. Target included but not on track to be met	No	No	No	Poor

More information on these measures is available here: www.sduhealth.org.uk/policy-strategy/reporting/organisational-summaries.aspx

Performance

Organisation

As a part of the NHS, public health and social care system, it is our duty to contribute towards the level of ambition set in 2014 of reducing the carbon footprint of the NHS, public health and social care system by 34% (from a 1990 baseline) equivalent to a 28% reduction from a 2013 baseline by 2020. It is our aim to meet this target by reducing our carbon emissions 10% by 2015 using 2007 as the baseline year. Here's how we have done:

Commissioned activity

Organisation Name	Building energy use	Building energy use per FTE	Water	Water use per FTE	Percent high cost waste	Waste cost increase
BARKING, HAVERING AND REDBRIDGE UNIVERSITY HOSPITALS NHS TRUST	Data not available	1.2	>20% decrease	14	>89% high cost	>20% decrease
BARTS HEALTH NHS TRUST	0-10% increase	5.9	0-20% decrease	52	<=75% high cost	>20% increase
NORTH EAST LONDON NHS FOUNDATION TRUST	>10% increase	2.0	0-20% decrease	15	>75% high cost	Data not available
LONDON AMBULANCE SERVICE NHS TRUST	>10% decrease	1.1	0-20% decrease	17	>75% high cost	0-20% decrease

More information on these measures is available here: www.sduhealth.org.uk/policy-strategy/reporting/organisational-summaries.aspx

Travel

We can improve local air quality and improve the health of our community by promoting active travel – to our staff, through our providers and to the patients and public that use the services we commission.

Every action counts and we are a lean organisation trying to realise efficiencies across the board for cost and carbon (CO₂e) reductions. We support a culture for active travel to improve staff wellbeing and reduce sickness.

Category	Mode	2013/14	2014/15	2015/16	2016/17
Business Travel	miles	0	0	0	1,000
	tCO ₂ e	568.61	593.41	685.50	0.36
Staff commute	miles	28,462	39,385	55,716	46,110
	tCO ₂ e	10.52	14.47	20.15	16.66

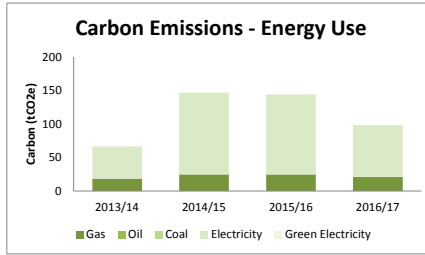
Performance

We encourage all staff to use public transport to go to and from meetings.

Energy

NHS Barking and Dagenham CCG has spent £24640 on energy in 2016/17, which is a 18.9% increase on energy spend from last year.

Resource		2013/14	2014/15	2015/16	2016/17
Gas	Use (kWh)	86,737	118,417	118,417	100,000
	tCO ₂ e	18	25	25	21
Oil	Use (kWh)	0	0	0	0
	tCO ₂ e	0	0	0	0
Coal	Use (kWh)	0	0	0	0
	tCO ₂ e	0	0	0	0
Electricity	Use (kWh)	85,816	197,215	207,749	150,000
	tCO ₂ e	48	122	119	78
Green Electricity	Use (kWh)	0	0	0	0
	tCO ₂ e	0	0	0	0
Total Energy CO ₂ e		66	147	144	98
Total Energy Spend		£ 14,354	£ 20,724	£ 20,724	£ 24,640



Performance

We are now receiving more accurate data on utilities usage which is why there is an increase as these are now more accurate for the later half of the year.

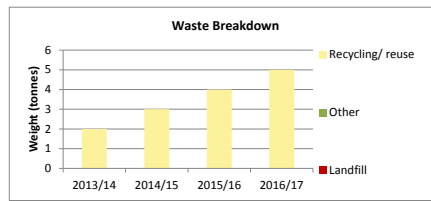
0% of our electricity use comes from renewable sources.

Commentary

As outlined in our Sustainability Development Management Plan we will raise staff awareness and take part in initiatives to reduce energy usage.

Waste

Waste		2013/14	2014/15	2015/16	2016/17
Recycling/ reuse	(tonnes)	2	3	4	5
	tCO ₂ e	0.04	0.06	0.08	0.11
Other	(tonnes)	0	0	0	0
	tCO ₂ e	0.00	0.00	0.00	0.00
Landfill	(tonnes)	0	0	0	0
	tCO ₂ e	0.00	0.00	0.00	0.00
Total Waste (tonnes)		2	3	4	5
% Recycled or Re-used		100%	100%	100%	100%
Total Waste tCO ₂ e		0.04	0.06	0.08	0.11



Performance

We have increased our level of recycling.

Commentary

As outlined in our Sustainability Development Management Plan we have a number of actions to implement that will reduce paper usage, increase recycling and therefore reduce waste.

Finite resource use - Water

Water		2013/14	2014/15	2015/16	2016/17
Mains	m ³	889	931	931	946
	tCO ₂ e	0.81	0.85	0.85	0.86
Water & Sewage Spend		£ -	£ -	£ -	£ -

Performance

We have slightly increased our water use.

Commentary

As outlined in our Sustainability Development Management Plan we will raise staff awareness and take part in initiatives to reduce water usage.

Benchmarking

We are aware we are over the benchmark level for CCGs and will look at ways to reduce this going forward.

