



*Wigan Borough
Clinical Commissioning Group*

Sustainability Annual Report

2016/17



Introduction

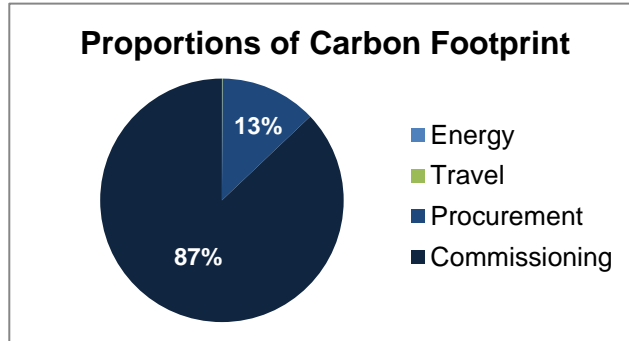
1. As an NHS organisation, and as a spender of public funds, we have an obligation to work in a way that has a positive effect on the communities for which we commission and procure healthcare services.
2. Sustainability means spending public money well, the smart and efficient use of natural resources and building healthy, resilient communities.
3. 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).
4. In order to fulfil our responsibilities for the role we play, WBCCG has the following sustainability mission statement located in our sustainable development management plan (SDMP):
5. *“The NHS is committed to providing best value for taxpayers’ money and the most cost-effective, fair and sustainable use of finite resources. Wigan Borough Clinical Commissioning Group is built on values, which guide our actions. We undertake our business in a socially responsible and ethical manner. WBCCG supports all human rights, and protects the environment to benefit the community we serve...”*
6. As 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 1990 baseline) equivalent to a 28% reduction from 2013 baseline by 2020.
7. It is our aim to supersede this target by reducing our carbon emissions by 20% by 2016/17 using 2011/12 as the baseline year.

Modelled Carbon Footprint

8. 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 NHS Sustainable Development Unit (SDU) in 2014/15. More information available through this link: <http://www.sduhealth.org.uk/policy-strategy/reporting/nhs-carbon-footprint.aspx>.

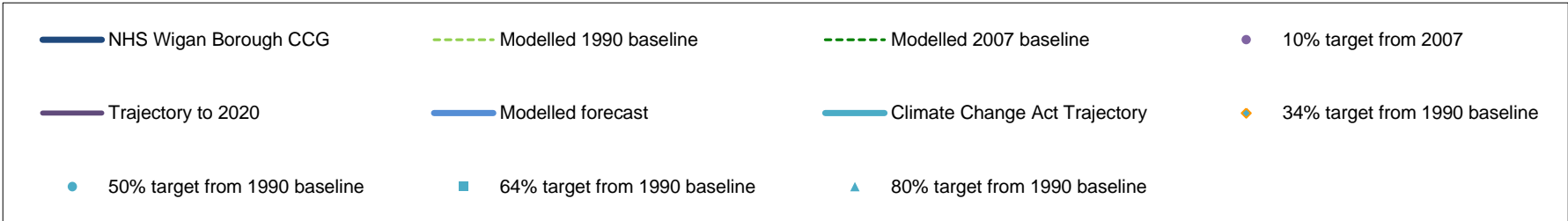
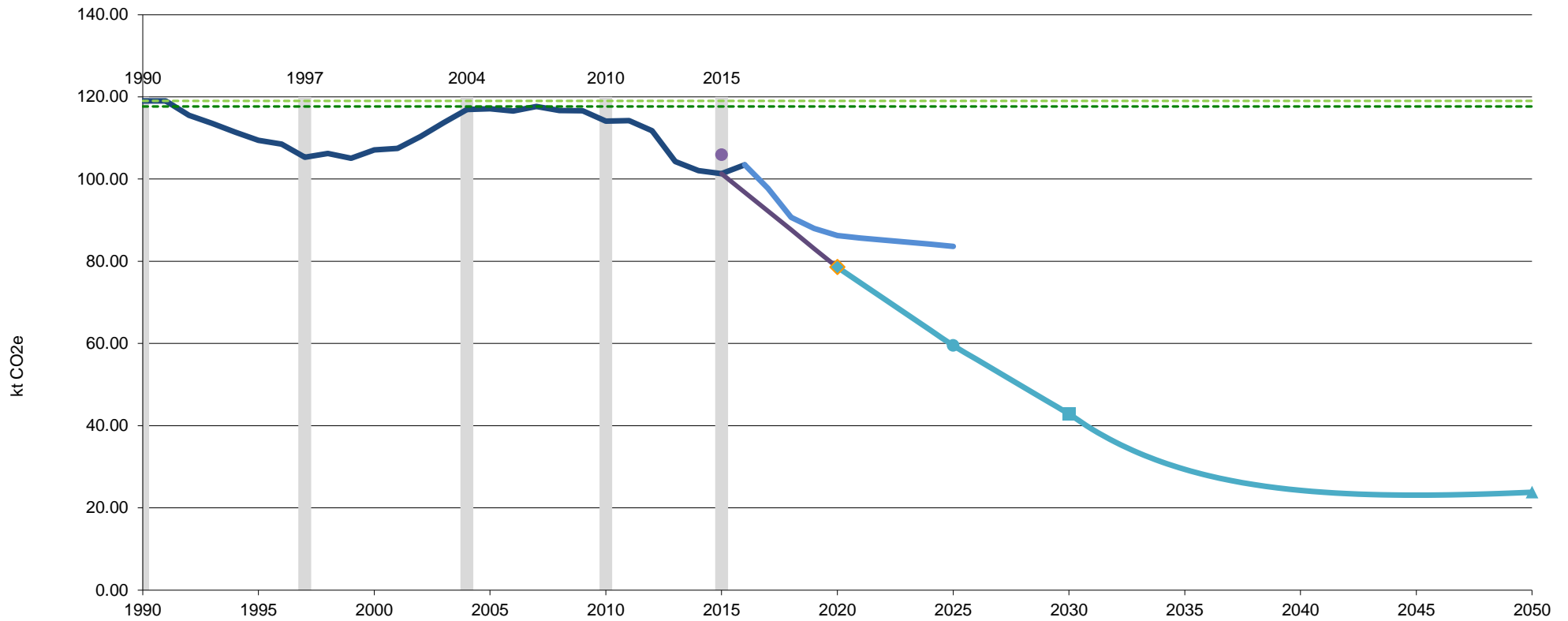
9. The model produced an estimated total carbon footprint of 107,754 tonnes of carbon dioxide equivalent emissions (tCO₂e). The majority of this impact is from the services we commission.

Category	%CO ₂ e
Energy	0%
Travel	0%
Procurement	13%
Commissioning	87%



The graph on the following page depicts the CCG's carbon footprint since establishment together with modelled baseline and various forward trajectories.

Carbon Footprint CO₂e baseline to 2020 with Climate Change targets



Policies

10. 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 Case	Yes
Travel	Yes

11. One of the ways in which an organisation can embed sustainability is through the use of an SDMP. An update to our SDMP is required and this will be worked up in the early part of 2017/18 based on the results reported here and in agreement with our main NHS providers.

12. One of the ways in which we measure our impact as an organisation on corporate social responsibility is through the use of the Good Corporate Citizenship (GCS) tool. 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.

13. The Good Corporate Citizenship (GCC) tool is an easy to use online tool that helps organisations assess their commitment to sustainable development. It indicates how an organisation is fairing in social, environmental, and financial terms and gives a measure of how sustainable the organisation is.

14. 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, drought etc. Our board approved plans address the potential need to adapt the delivery of the organisation's activities and infrastructure to climate change and adverse weather events.

15. We have not assessed the social and environmental impacts for the CCG.

16. WBCCG fully supports the Government's objectives to eradicate modern slavery and human trafficking. Our Slavery and Human Trafficking Statement for the

financial year ending 31 March 2016 will be published on our website by 30 April 2017.

Partnerships

17. As a commissioning and contracting organisation, we 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.

18. A strategic partnership is already established with the Local Authority. For commissioned services here is the sustainability comparator for our providers:

Organisation Name	SDMP	On track for 34% reduction	GCC	Healthy travel plan	Adaption	SD Reporting Score
Wrightington, Wigan and Leigh NHS Foundation Trust	Yes	3. No target included in plan	No	No	Yes	Poor
Bridgewater Community Healthcare NHS Trust	Yes	1. On track to meet target	No	Yes	Yes	Good
5 Boroughs Partnership NHS Foundation Trust	Yes	1. On track to meet target	No	Yes	No	Poor
Bolton NHS Foundation Trust	Yes	1. On track to meet target	No	No	No	Minimum
Salford Royal NHS Foundation Trust	No	4. No Sustainable Development Management Plan or Carbon Reduction Plan	No	Yes	No	Poor
Central Manchester University Hospitals NHS Foundation Trust	Yes	2. Target included but not on track to be met	Yes	Yes	No	Excellent

19. More information on these measures is available through the following link:
www.sduhealth.org.uk/policy-strategy/reporting/organisational-summaries.aspx

Organisation

20. As 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 supersede this target by reducing our carbon emissions by 20% for 2017/18 using 2011/12 as the baseline year. Here is 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	Water cost increase
Wrightington, Wigan and Leigh NHS Foundation Trust	0-10% increase	4.1	>20% decrease	17	>75% high cost	0-20% decrease
Bridgewater Community Healthcare NHS Trust	>10% increase	1.1	0-20% decrease	12	<=75% high cost	>20% increase
5 Boroughs Partnership NHS Foundation Trust	>10% decrease	1.2	0-20% increase	15	<=75% high cost	>20% decrease
Bolton NHS Foundation Trust	>10% increase	4.2	0-20% increase	32	>97% high cost	Data not available
Salford Royal NHS Foundation Trust	>10% increase	3.6	>20% increase	31	<=75% high cost	Data not available
Central Manchester University Hospitals NHS Foundation Trust	0-10% decrease	5.1	0-20% increase	34	>75% high cost	>20% increase

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

Travel

22. 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.
23. 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	169,834	166,611	143,944
	tCO ₂ e	0	40.11	44.01	42.43
Staff Commute	Miles	118,438	131,605	154,659	164,266
	tCO ₂ e	43.76	48.36	55.93	59.37

Performance

24. WBCCG have reviewed travel plans to ensure staff wellbeing and a CO₂ reduction. Travel surveys are taken annually to review staff commute and to look at initiatives that will help reduce CO₂.
25. Car sharing and cycle schemes are promoted and have been well received along with onsite loan bikes for use. New technologies are being used to promote a culture of mobile and agile working to support staff.
26. The deployment of mobile devices (Laptops, iPads and iPhones) along with the underpinning infrastructure of shared Wi-Fi and mobile networks will facilitate staff working across a wider range of locations not just within Wigan Borough but across Greater Manchester.
27. We have also started to encourage the use of telephone and video consultations so that travel across the Borough is reduced, improving productivity and efficiency.

Energy

28. WBCCG has spent £34289 on energy in 2016/17, which is a 3.2% decrease on energy spending from last year.

Resource		2013/14	2014/15	2015/16	2016/17
Gas	Use(kWh)	0	0	0	0
	tCO ₂ e	0	0	0	0
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)	0	0	0	0
	tCO ₂ e	0	0	0	0
Green Electricity	Use(kWh)	0	0	0	0
	tCO ₂ e	0	0	0	0
Total Energy CO ₂ e		0	0	0	0
Total Energy Spend		£ -	£ 36,715	£35,421	£34,289

Performance

29. Performance in this area is being accessed with the building lead landlord to ensure tenant proportion for energy consumption is apportioned.

30. 0% of our electricity use comes from renewable sources.

Commentary

31. A Voltage Optimisation system (Power Perfecto) has been installed at Wigan Life Centre which will provide a reduction of 5%-8% in consumption. 0% of our electricity use comes from renewable sources. For 2016/17 the CCG will ensure that further staff education will be delivered on sustainability and the importance of reducing energy consumption. Energy surveys have identified possible savings in consumption in relation to heating, air conditioning and lighting systems. We are also keen to work with the lead to look at Green Electricity.

Waste

Waste		2013/14	2014/15	2015/16	2016/17
Recycling/reuse	(tonnes)	8	10	11	12
	tCO ₂ e	0.17	0.21	0.22	0.26
Other	(tonnes)	0	0	0	0
	tCO ₂ e	0.00	0.00	0.00	0.00
Landfill	(tonnes)	1	1	1	1
	tCO ₂ e	0.24	0.24	0.24	0.37
Total Waste (tonnes)		9	11	12	13
% Recycled or Re-used		89%	91%	92%	91%
Total Waste tCO ₂ e		0.41	0.45	0.47	0.63

Performance

32. Wigan Borough CCG performance around recycling has increased in the last year and now all items that can be recycled have appropriate receptacles in place.

Commentary

33. We are also currently liaising with Recycle a recycling company to look the recycling of office furniture etc.

Finite Resource Use – Water

Water		2013/14	2014/15	2015/16	2016/17
Mains	M ³	318	414	418	402
	tCO ₂ e	0.38	0.44	0.44	0.37
Water & Sewage Spend		£ -	£ -	£ -	£ -

Performance

34. Performance around this area is difficult having 2 swimming pools within the building water figures are difficult to quantify, which is why there are no figures in the above table.

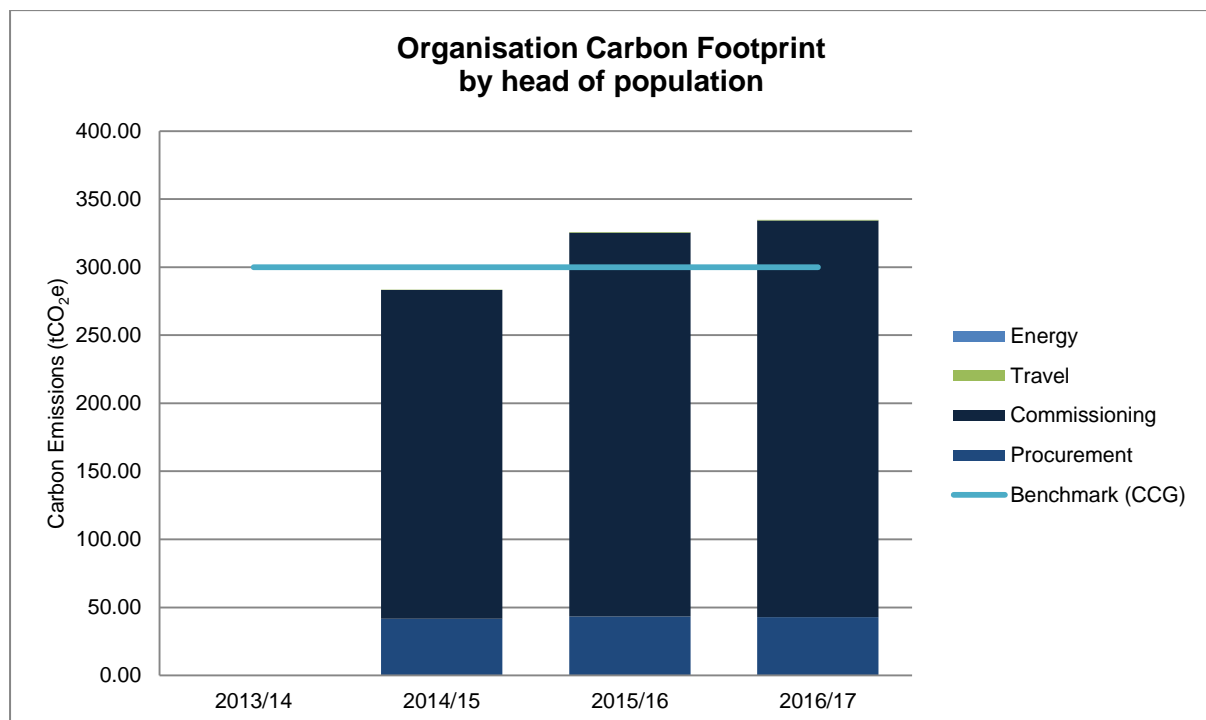
Commentary

35. Digital flow meters and automated valve systems have been installed and this will enable more efficient operation of the Pool Plant. Proactive maintenance of water systems is essential to ensure waste is reduced to a minimum and continued work with building lead is undertaken.

Benchmarking

36. Further work will be undertaken during 2017/18 with Wigan Borough CCG's main providers of NHS care to ensure reductions in line with the 2020 target. We will look at the local acute trust which has achieved an excellent rating with its Sustainable Development work to replicate this with all our providers.

37. Wigan Borough CCG will review all activity to ensure we are in line with the 2020 reduction by working with providers of service.



Good Corporate Citizen

38. One of the ways in which we measure our impact as an organisation on corporate social responsibility is through the use of the Good Corporate Citizenship (GCC) tool.

Adaption

39. Events such as heatwaves, cold snaps and flooding are expected to increase as a result of climate change. To ensure that the CCG would continue to meet the needs of our local population during such events we have developed and implemented a number of policies and protocols in partnership with other local agencies and public bodies. These include:

- CCG Incident Response Plan
- Business Continuity Plan
- CCG Guide to Cold Weather Plan for England
- CCG Guide to Flooding
- Wigan Borough System Resilience Plan (Local Health Economy)
- Greater Manchester Pandemic Influenza Plan
- Community Risk Register.