

NHS Wigan Borough CCG Sustainability Report for 2019-2020

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 we serve. Sustainability means spending public money well, the smart and efficient use of natural resources and building healthy, resilient communities. 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. Demonstrating that we consider the social and environmental impacts ensures that the legal requirements in the Public Services (Social Value) Act (2012) are met.

In order to fulfil our responsibilities for the role we play, Wigan Borough Clinical Commissioning Group (WBCCG) has created a Green Plan (formerly known as a Sustainable Development Management Plan or SDMP) and it has been reviewed by our Governing Body within the last 12 months.

Our sustainability mission statement is: “The NHS is committed to providing best value for taxpayers’ money and the most cost-effective, fair and sustainable use of finite resources. WBCCG 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 the benefit of the community we serve.”

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. It is our aim to meet this target by reducing our carbon emissions 28% by 2020-21 using 2007-08 as the baseline year.

Policies

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

One of the ways in which an organisation can embed sustainability is using a Green Plan (formerly known as Sustainable Development Management Plan or SDMP).

The Governing Body approved our Green Plan in the last 12 months so our plans for a sustainable future are well known within the organisation and clearly laid out.

Through regular contract management meetings

Climate change brings new challenges to our business both in direct effects to the healthcare estates, but also to patient health. Examples in recent years include the effects of heat waves, extreme temperatures and prolonged periods of cold, floods, and droughts.

Our Governing Body approved plans address the potential need to adapt the delivery of the organisation's activities and infrastructure to climate change and adverse weather events.

One of the ways in which we measure our impact as an organisation on corporate social responsibility is through the use of the Sustainable Development Assessment Tool (SDAT) tool. The last time we used the SDAT self-assessment was in April 2020 scoring 59%.

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.

Our organisation is starting to contribute to the following Sustainable Development Goals (SDGs).



Our organisation is clearly contributing to the following Sustainable Development Goals (SDGs).



We work hard with employees to align an employee’s personal values with the organisation’s values. Providing sustainability training to employees is an important step towards creating a culture of sustainability. We promote initiatives with staff such as cycle schemes and car share along with local and national initiatives

Our statement on Modern Slavery is: WBCCG has a Modern Slavery and Human Trafficking Statement on our ~~WBCCG~~ external website. All services commissioned by WBCCG are subject to safeguarding contractual standards which includes modern slavery policy and training. Compliance is reviewed annually via safeguarding validation visits to review the evidence from each provider. WBCCG staff have access to training on how to identify those who are victims of modern slavery and human trafficking which is provided by NHS Health Education England – eLearning for Health. Staff can also access our local Safeguarding Board training on Modern Day Slavery and Trafficking. WBCCG are part of the Greater Manchester (GM) Designated Safeguarding Professional Network which contributes to the GM Modern Slavery Response Network. This network was created to develop a collaborative approach across GM to enable us to support victims and make it difficult for offenders to operate.

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.

Strategic partnerships are already established with the following organisations: Local Authority.

For commissioned services here is the sustainability comparator for our providers; please note this is published a year in arrears:

Organisation Name	Green Plan	Adaptation	on track for 34% reduction	SDAT	Healthy transport plan	SD Reporting score
WRIGHTINGTON, WIGAN AND LEIGH NHS FOUNDATION TRUST	No	No	3. No target included in plan	n/a	No	Minimum
BRIDGEWATER COMMUNITY HEALTHCARE NHS FOUNDATION TRUST	No	No	1. On track to meet target	n/a	No	Minimum
MANCHESTER UNIVERSITY NHS FOUNDATION TRUST	n/a	n/a	n/a	n/a	n/a	n/a

Organisation Name	Green Plan	Adaptation	on track for 34% reduction	SDAT	Healthy transport plan	SD Reporting score
BOLTON NHS FOUNDATION TRUST	No	No	1. On track to meet target	n/a	No	Minimum
NORTH WEST AMBULANCE SERVICE NHS TRUST	No	No	1. On track to meet target	84	No	Excellent
ST HELENS AND KNOWSLEY TEACHING HOSPITALS NHS TRUST	No	No	1. On track to meet target	n/a	No	Poor
NORTH WEST BOROUGH'S HEALTHCARE NHS FOUNDATION TRUST	No	No	1. On track to meet target	n/a	No	Good
SALFORD ROYAL NHS FOUNDATION TRUST	No	No	4. No Sustainable Development Management Plan	n/a	No	Excellent

More information on these measures is available here: <http://www.sduhealth.org.uk/policy-strategy/reporting/sdmp-annual-reporting.aspx>

Performance

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 2020-21 using as the baseline year. Here is how we have done:

Commissioned Activity

Organisation Name	Building energy use	Building energy use per WTE	Water use	Water use per WTE	Percent high cost waste	Waste cost increase
WRIGHTINGTON, WIGAN AND LEIGH NHS FOUNDATION TRUST	>10% decrease	3.2	>20% decrease	18	<=75% high cost	0-20% decrease
BRIDGEWATER COMMUNITY HEALTHCARE NHS FOUNDATION TRUST	0-10% decrease	1.2	>20% decrease	10	<=75% high cost	>20% increase
MANCHESTER UNIVERSITY NHS FOUNDATION TRUST	n/a	n/a	n/a	n/a	n/a	n/a
BOLTON NHS FOUNDATION TRUST	0-10% decrease	3.4	0-20% increase	30	>89% high cost	>20% increase
NORTH WEST AMBULANCE SERVICE NHS TRUST	>10% decrease	0.8	0-20% increase	8	<=75% high cost	>20% decrease
ST HELENS AND KNOWSLEY TEACHING HOSPITALS NHS TRUST	0-10% decrease	3.7	0-20% increase	29	<=75% high cost	0-20% decrease
NORTH WEST BOROUGH HEALTHCARE NHS FOUNDATION TRUST	>10% decrease	1.2	0-20% increase	15	<=75% high cost	Data not available
SALFORD ROYAL NHS FOUNDATION TRUST	0-10% decrease	3.5	0-20% increase	29	>75% high cost	>20% decrease

Due to WBCCG using the new template the majority of previous data submissions have not aligned which has resulted in zero values in the performance tables below for previous years. All our previous submissions are available on line to view. We will work with the Sustainable Development Unit to ensure previous submissions are added

Energy

WBCCG has spent £31,189 on energy in 2019-20, which is a 6.42% decrease on energy spend from last year.

Energy used: Energy consumption in kWh

	2016-17	2017-18	2018-19	2019-20
Electricity Consumed	0	0	168	3,000
Gas Consumed	0	0	406	408
Oil Consumed	0	0	0	0
Coal Consumed	0	0	0	0
Steam Consumed	0	0	0	0
Hot Water Consumed	0	0	0	0
Green electricity	0	0	0	0
Total	0	0	574	3,408

Carbon emissions resulting

CO2 Emissions (tCO2e)

	2016-17	2017-18	2018-19	2019-20
Electricity	0	0	0.0593	0.948
Gas	0	0	0.0851	0.0848
Oil	0	0	0	0
Coal	0	0	0	0
Steam	0	0	0	0
Hot water	0	0	0	0
Green electricity	0	0	0	0
Exported thermal	0	0	0	0
Total	0	0	0.144	1.03

We continue to promote energy efficiencies through power saving devices, automated lighting, proactive maintenance, and staff education.

Paper

The movement to a Paperless NHS can be supported by staff reducing the use of paper at all levels, this reduces the environmental impact of paper, reducing cost of paper to the NHS and can help improve information security.

Paper consumed: Cost is in pounds and weight in tonnes.

	2016-17	2017-18	2018-19	2019-20
Paper spend (£)	0	0	0	7
Paper products used (tonnes)	0	0	6	7

Travel

We recognise that a Healthy Transport Plan is a foundational part of our Travel Policy and we have completed that and keep it under review.

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

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. Air pollution, accidents, and noise all cause health problems for our local population, patients, staff and visitors and are caused by cars, as well as other forms of transport.

Travel undertaken: All travel is shown in miles.

	2016-17	2017-18	2018-19	2019-20
Patient and visitor travel	0	0	0	0
Business travel and fleet	0	0	6,567	558
Staff commute	0	0	132,385	179
Total	0	0	138,952	737

Carbon emissions resulting (CO2 Emissions (tCO2e))

	2016-17	2017-18	2018-19	2019-20
Business Mileage - Road	0	0	0.02	0.19
Business Mileage - Rail	0	0	0.59	0
Business Mileage - Air	0	0	0	0
Patient and visitor travel	0	0	0	0
Staff commute	0	0	49	0
Total	0	0	49.6	0.19

Our Milage has reduced dramatically due to no business flights this year along with work to reduce train travel. We have also undertaken further measures introducing digital platforms for meetings etc. WBCCG have reviewed travel plans to ensure staff wellbeing and a C02 reduction. Travel surveys are taken annually to review staff commute and to look at initiatives that will help reduce C02. Car sharing and cycle schemes are promoted and have been well received along with on-site loan bikes for use. New technologies are being used to promote a culture of mobile and agile working to support staff. 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. We also encourage the use of telephone and video consultations so that travel across the Borough is reduced, improving productivity and efficiency.

Air pollution

	2016-17	2017-18	2018-19	2019-20
Nox Ppm	0	0	0	0
Particulates Ppm	0	0	0	0

To support this, we have so far installed 2 electric vehicle (EV) charging points.

	2016-17	2017-18	2018-19	2019-20
Vehicles NO	0	0	0	0
Vehicles Lev Pct	0	0	0	0
Vehicles Ulev Pct	0	0	0	0

We are working with the Local Authority to encourage more electric charging points and sharing information on electric vehicles with staff. We are also following the Greater Manchester five-year Environmental Plan.

Waste

Waste produced: Waste in tonnes

	2016-17	2017-18	2018-19	2019-20
Waste recycling weight	0	0	0	16
Other recovery weight	0	0	0	0
Incineration disposal weight	0	0	0	0
Landfill disposal weight	0	0	1	1
Total	0	0	1	17

Carbon emissions resulting

CO2 Emissions (tCO2e)

	2016-17	2017-18	2018-19	2019-20
Recycling	0	0	0	0.34
Recovery	0	0	0	0
Incineration	0	0	0	0
Landfill	0	0	0.34	0.34
Total	0	0	0.34	0.68

Our performance in this area around recycling is increasing and we are looking into further methods to implement in relation to recycling

Plastic use

The NHS produces many tonnes of plastic waste every year across catering clinical practice and its supply chain. In recognition of this, we have a plan to reduce our use of single-use plastics.

	2016-17	2017-18	2018-19	2019-20
NO Plastics Cups	0	0	0	0
NO Plastic Lined Coffee Cup	0	0	0	0
NO Plastic Plates	0	0	0	0
NO Plastic Cutlery	0	0	0	0
NO Plastic Straws	0	0	0	0
NO Plastic Stirrers	0	0	0	0
NO Plastic Food Container	0	0	0	0
Total	0	0	0	0

Finite resource use - Water

	2016-17	2017-18	2018-19	2019-20
Water volume (m ³)	0	0	1,481	402
Waste water volume (m ³)	0	0	1,185	322
Water and sewage cost (£)	0	0	0	4

Carbon emissions resulting CO2 Emissions (tCO2e)

	2016-17	2017-18	2018-19	2019-20
Water related emissions	0	0	0.51	0.14
Water treatment related emissions	0	0	0.84	0.23
Total	0	0	1.35	0.37

Performance around this area is difficult having 2 swimming pools within the building water figures are difficult to quantify. 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 to a minimal and continued work with building lead is undertaken

Anaesthetic gas use

	2016-17	2017-18	2018-19	2019-20
Desflurane - liquid	0	0	0	0
Isoflurane - liquid	0	0	0	0
Sevoflurane - liquid	0	0	0	0
Nitrous oxide - gas	0	0	0	0
Portable nitrous oxide and oxygen 50/50 split - gas	0	0	0	0
Maternity Manifold nitrous oxide and oxygen 50/50 split - gas	0	0	0	0

Carbon emissions resulting

CO2 Emissions (tCO₂e)

	2016-17	2017-18	2018-19	2019-20
Desflurane - liquid	0	0	0	0
Isoflurane - liquid	0	0	0	0
Sevoflurane (tCO ₂ e)	0	0	0	0
Nitrous oxide	0	0	0	0
Portable Nitrous Oxide (tCO ₂ e)	0	0	0	0
Portable Nitrous Oxide (maternity) (tCO ₂ e)	0	0	0	0
Total	0	0	0	0

Modelled Carbon Footprint

The information provided in the previous sections of this sustainability report uses the ERIC returns as its data source. However, we are aware that this does not reflect our entire carbon footprint. Therefore, the following information estimates the impact of our supply chain from our spend. More information is available here: <http://www.sduhealth.org.uk/policy-strategy/reporting/nhs-carbon-footprint.aspx>

The values in the table below are percentages.

	2019-20
Core emissions	1.7
Commissioning	68.6
Procurement	29.7
Community	0
Total	100

SDU whole organisation carbon profile: Calculated from operating expenditure of £5,630,000 of which £555,000 is non-pay spend based on typical values for a Clinical Commissioning Group organisation.

	2016-17	2017-18	2018-19	2019-20
Patient and visitor travel	0	0	0	0
Staff commute	0	0	49	0
Business services	0	0	0.152	1.06
Capital spending	0	0	48.3	24
Construction	0	0	0	0
Food and catering	0	0	11.4	1.91
Freight transport	0	0	0	0
Information and communication technologies	0	0	0.388	0.194
Manufactured fuels, chemicals and gases	0	0	0	0
Medical instruments / equipment	0	0	19.3	0
Other manufactured goods	0	0	0	0
Paper products	0	0	35.9	0.608
Pharmaceuticals	0	0	10.5	12.1
Coal	0	0	0	0
Electricity (net of any exports)	0	0	0.0593	0.948
Gas	0	0	0.0851	0.0848
Oil	0	0	0	0

Thermal energy (net of any exports)	0	0	0	0
Leased Assets Energy Use (Upstream - Gas, Coal & Electricity)	0	0	0	0
Business travel and fleet	0	0	0.61	0.19
Anaesthetic Gases	0	0	0	0
Waste and Water	0	0	1.69	1.05
Commissioning	0	0	105	92
Total	0	0	282	134

Carbon emissions progress

Work continues to reduce emissions through working with providers, staff education, reduced business miles and supporting the Greater Manchester 5-year environmental plan.

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Core emissions	0	0	0	0	0	0	0	0	0	2.44	2.27
Commissioning	0	0	0	0	0	0	0	0	0	105	92
Procurement	0	0	0	0	0	0	0	0	0	126	39.9
Community	0	0	0	0	0	0	0	0	0	49	0
Total	0	0	0	0	0	0	0	0	0	282	134

Social Value

Collectively as an organisation we recognise the contribution that commissioning, and procurement can have in delivering sustainability and social value, and our duty under the Public Services Value Act. We currently do not have a formal approach to quantifying social value however we invest staff time in supporting the local community outside of formal job roles:

- Wigan Pride - members of the CCG are given time to sit on Wigan Pride committee to manage the event and surrounding activities.
- All members of staff are given 6 volunteering days to support local community groups and activities.
- Every month the CCG has a staff day to fund-raise and raise awareness of local community groups.
- Staff and Governing Body Members work with local schools and local colleges to support student interviews and their health and wellbeing.
- Work continues with the Local Authority and other Local Stakeholders in respect of Social Value.

Adaptation

Events such as heatwaves, cold snaps and flooding are expected to increase because of climate change. To ensure that our services continue to meet the needs of our local population during such events we have developed and implemented several policies and protocols in partnership with other local agencies 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

Biodiversity Action Plan: None in place - currently the organisation does not have a formal approach to unlock the opportunity and benefits of natural capital within a healthcare environment in protecting biodiversity.