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Ymddiriedolaeth GIG
Gwasanaethau Ambiwlians Cymru

Welsh Ambulance Services
NHS Trust



Environment Strategy 2020-2025

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FOREWORD

Welcome to our Environment Strategy 2020-2025.

The Welsh Ambulance Services NHS Trust (WAST) recognises the importance of Sustainable Development and the crucial role our environmental performance (in particular reducing our carbon emissions) has to play in achieving the goal of being an Environmentally Sustainable Organisation as well as sharing the Welsh Governments ambition for the Trust to be Carbon Neutral by 2030.

The Trust has been working for a number of years to identify its environmental impact and put measures in place to reduce its emissions, in 2015 we became the only Ambulance Service in the UK to achieve ISO14001 accreditation.

Our Environmental Governance System highlights our Environmental objectives as well as any risks and opportunities, for this reason we have developed this Environmental Strategy to help achieve our reduction targets.

We know that there are significant environmental issues that require specific support that's why it's important to understand that this Strategy bridges all sections of the organisation with individual strategies such as Fleet and Estates which identify strategic plans to support the ambitions of this Strategy.

The Trust is committed to reducing its Carbon emissions and we are committed to delivering the vision set out in this strategy.



Jason Killens
Chief Executive



Martin Woodford
Chair

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1.0 Introduction



This document is the Welsh Ambulance Services NHS Trust (WAST) strategy for the Environment for the next 5 years. The key deliverables detailed within the strategy will also support our longer term environmental plan, our ambition to be carbon neutral by 2030. The strategy outlines the main areas of focus for Environment and sustainability, the goals and objectives required to achieve the identified targets.

In order to deliver our environmental aspirations we will need to implement our multi step environmental strategy. This document contains details of the aims, objectives key performance indicators and implementation mechanisms to achieve our goals. This strategy is underpinned by the Trust's Environmental Governance System (EGS) and the Trusts Environment Policy Statement. [Click here](#) as well as being an enabling strategy of the Trust's umbrella 2030 Long term plan.

WAST is committed to making a positive impact on the environment for Wales and globally through outstanding environmental sustainability performance.

1.1 Well- Being of Future Generations Act

The Well-being of Future Generations Act places a statutory duty on Public Service Boards and certain named public bodies to improve the social, economic, environmental and cultural wellbeing of Wales in accordance with the sustainable development principles.

Whilst the Welsh Ambulance Service is not a "named organisation" who are subjected to the new duties, we have chosen work within the spirit of the legislation and work with partners across the public sector in Wales to support delivery of the Well Being Goals.

There are Seven Well-Being Goals, of these goals the following include Environmental and Sustainable requirements

A Prosperous Wales - An innovative, productive and low carbon society which recognises the limits of the global environment and therefore uses resources efficiently and proportionately (including acting on climate change), and which develops a skilled and well-educated population in an economy which generates wealth and provides employment opportunities, allowing people to take advantage of the wealth generated through securing decent work

A Resilient Wales - A nation which maintains and enhances a bio diverse natural environment with healthy functioning ecosystems that support social, economic and ecological resilience and the capacity to adapt to change (for example climate change)

Globally Responsible Wales - A nation which, when doing anything to improve the economic, social, environmental and cultural well-being of Wales, takes account of whether doing such a thing may make a positive contribution to global well-being

Along with the seven Well-being goals the acts Sustainable Development Principle is defined as seeking to meet the needs of the present without compromising the ability of future generations to meet their own needs.

There are 5 Ways of Working that the public bodies listed in the Act must demonstrate in order to show that they have applied this principle:

- 1 Thinking for the long-term** – thinking about long-term needs and demands as well as current ones.
- 2 Prevention** – acting to prevent problems getting worse or from starting in the first place.
- 3 Integration** – considering how actions in one area may impact on other areas.
- 4 Collaboration** – Working with others – including third sector bodies and communities - to help achieve goals that have been decided together
- 5 Involvement** – involving the people that services or activities are going to benefit or affect from as early a stage as possible.

2.0 ISO14001



The Welsh Government issued a directive to all Health Boards and Trusts in Wales to achieve certification to the internationally recognised *BS EN ISO14001:2004 Environmental Management System (EMS)* for their sites, including the Welsh Ambulance Services NHS Trust, by December 2014. The Trust achieved full accreditation in August 2016.

Key benefits of the ISO 14001 standard include:

- Better environmental management reduces waste and energy use & cost.
- Improve efficiency
- Demonstrate compliance & meet legal obligations
- Help to conserve energy and also prevent air, water and noise pollution, which in turn reduces our impact on the health of the Nation.

In June 2017 WAST transitioned from the old ISO14001:2004 standard to the new ISO14001:2015 standard. The Welsh Ambulance Services NHS Trust is the only ambulance service in the UK to have achieved ISO14001 certification for all of its activities.

3.0 Energy and Carbon Management



TRUST GOAL

To reduce carbon emissions whilst delivering a world class emergency and non emergency service to the people of Wales.

Objective

To aim for the Welsh Government ambition for all Public Bodies to be Carbon Neutral by 2030

Key performance Indicators

- Carbon Emissions from energy use (CO2e)
- Carbon Emissions from Fuel Use (CO2e)
- Fleet fuel consumption (litres)
- Related Energy Consumption (KwH)
- Financial Indicators – Official Business Staff Travel
- Monthly Energy KwH usage per building/m2

Key implementation Mechanisms

- Implement energy efficiency and carbon reduction projects with existing estates, such as LED /PIR controls, energy effect heating controls & programmes, fabric insulation
- Investigate opportunities for strategic estate wide renewable energy strategies
- Implement a maximum temperature setting for buildings.
- Monitor and Analyse energy and carbon data and provide relevant information to building managers to improve accountability.
- Develop access to services online and through internet applications with live chat and video applications
- Develop video or drone technology to access incidents before deployment of vehicles
- Vehicle replacement programme to ensure vehicles with euro 6 engines
- Trial the use of electric powered vehicles for patient transport
- Working with our communications department to provide relevant information to all trust staff in order to encourage reduced use in energy usage and to encourage use of V.C equipment or telecom meetings rather than unnecessary travel.
- Produce a Sustainable Travel Plan.



4.0 Waste Management

TRUST GOAL

To minimise and actively manage waste by following the waste hierarchy of Prevent, Minimise, Reduce, Recycle.

Preferred Environmental Option



Least Preferred Environmental Option

Objective

To reduce waste going to landfill. To increase recycling to 70% of all Trust domestic waste by 2025 and 0% by 2050 in line with the Welsh Government 'Zero Towards Waste' waste strategy.

Key performance Indicators

- Waste sent to Landfill (tonne)
- Waste sent for recycling (tonne)
- Waste sent for energy recovery (tonne)
- Waste Electrical & Electronic Equipment sent for recycling/Reuse (Tonne)
- Financial Indicators – Cost Landfill Waste/Cost of Recycling of Waste.

Key implementation Mechanisms

- Provision of appropriate recycling infrastructure
- Instruct and tender a National Waste project
- Inclusion of disposal instruction information in all relevant policies, discretionary capital business cases or tenders.
- Monitor and Analyse waste collection data and provide relevant information to building managers
- Provide training and support to all staff, especially those who are struggling to meet recycling targets

5.0 Water Management



TRUST GOAL

To conserve water through efficient use and management.

Objective

To reduce water consumption and to manage waste water in line with Environmental consents

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Key performance Indicators

- Total water consumption annually (m3)
 - Total water consumption annually per staff member (FTE/m3)
 - Number of sites meeting consent to discharge conditions (No)
 - Number of sites with vehicle wash reclaim facilities (No)
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Key implementation Mechanisms

- Ongoing monitoring of water consumption data to assist with identifying areas of potential savings
 - Implement a series of water efficiently programmes
 - Develop a schedule of works relating to waste water drainage destination , including introduction of waste water interceptors and more current /complete drainage plans
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6.0 Sustainable Construction and Refurbishment



TRUST GOAL

To reduce the environmental impacts of our construction and refurbishment projects.

Objective

To Establish and implement a standard for sustainable construction/complete drainage plans

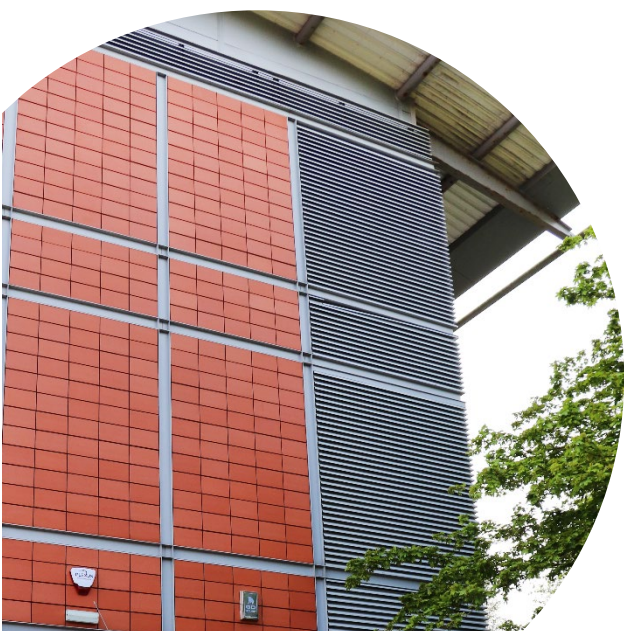
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Key performance Indicators

- All new builds to achieve a BREEAM excellent rating
 - All major refurbishments to be certified to BREEAM Very good
 - Co location with other Health or Emergency Services
 - A target of zero construction waste to landfill
 - To utilise sustainable materials where feasible
 - Renewable energy initiatives.
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Key implementation Mechanisms

- A strategic approach to the use of the existing estate through more efficient use of space and increasing the use of shared facilities
 - Review of the Trusts approach to sustainable construction with a revised approach covering refurbished buildings fit out.
 - Sustainable design to be considered including reclaim vehicle wash water systems
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7.0 Sustainable Procurement



TRUST GOAL

To positively influence the sustainability performance of suppliers and the products we purchase.

Objective

To work in conjunction with Procurement partners to ensure sustainability and waste management forms part of any purchase of consumables or services.

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Key performance Indicators

- Collaborative procurement. Opportunities for Service/term contracts
 - All tender documents to include sustainability questions within a scored matrix
 - Discretionary Capital Business Cases to include sustainable information to be scored by Internal Capital Planning Group
 - Use of Take Back schemes for ICT equipment
 - Community benefits
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Key implementation Mechanisms

- Working in conjunction with NWSSP Procurement by following their Sustainable Procurement Policy.
 - Providing appropriate information to staff that have involvement with purchasing decisions.
 - Amending Trust Business Cases for Discretionary Capital to include section on sustainable procurement including Lifecycle Perspectives.
 - Use of SME's
 - Use of appropriate frameworks
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8.0 Sustainable Travel



TRUST GOAL

To positively influence the sustainability travel requirements of essential work travel and to encourage car sharing for commuting and alternative arrangements.

Objective

To work with staff to provide an exceptional non emergency patient care service that is also aware of sustainable travel requirements. Reduction of staff vehicle miles for meetings

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Key performance Indicators

- Reduction of Business Miles (£)
 - Better planned NEPTS passenger miles
 - Take up of the Cycle to work schemes
 - Pool Car/Hire car use – through national frameworks.
 - Health and Wellbeing of Staff.
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Key implementation Mechanisms

- Produce a Sustainable Travel Plan
 - Updating of NEPTS planning software in order to increase efficiency and reduced wasted miles
 - Replacement vehicle programme to vehicles with euro 6 engines
 - Trial the use of electric vehicles for patient transport
 - Implementation of Teams
 - Increase use of V.C and telecom systems for meetings between North and South Wales.
 - Encourage use of public transport and car sharing
 - Provision of cycle shelters
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9.0 Partnership & Engagement

TRUST GOAL

To facilitate opportunities where staff can develop and share their knowledge, skills and experience to engage with and contribute effectively to achieving the trusts environmental sustainability aspirations.

To inform stakeholders of our environmental objectives and to work with other to achieve.

Key performance Indicators

- Number of Environmental Coordinators
 - Number of Environmental Auditors
 - Communications plan
 - Energy and waste reporting
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Key implementation Mechanisms

- Facilitate active network of Environmental Champions , to support and encourage colleagues with regards to environmental awareness
 - Provide training both general and role specific to effectively contribute to the Trusts sustainable aspirations
 - Deliver regular engagement events and regular environmental information via Siren
 - Actively consult with staff on the developments of new procedures , plans or practices
 - Develop and Environmental Working Group to meet on a quarterly basis with representatives from a wide range of departments
 - Actively seek formal and informal partnerships and opportunities for collaboration with other organisations
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10.0 Next Steps

HOW WE IMPLEMENT THIS STRATEGY

