

Enigma Healthcare Carbon Reduction Plan

Enigma Healthcare places the upmost importance in how we operate as a business. Sustainability and energy efficiency are key issues for us as a healthcare provider for our employees, customers, and suppliers.

Our environmental management system incorporates an annual environmental review meeting with our Senior Management Team which feeds into and reports at board level. The Environmental and Sustainability policy is shown on our website for the purposes of transparency.

We ensure all our waste streams are disposed of according to legislative requirements.

Our environmental management system (policies and procedures) are designed to be compliant with the requirements of ISO 14001.

We are in the development stage of our sustainability journey and will be creating a measurable Scope 1 and Scope 2 sustainability frameworks for key areas of our business. When ready to review our Scope 3 analysis we will be engaging with stakeholders on sustainability to help build a robust sustainable monitoring/reporting system that will support the work being carried out across the country to improving standards of health, the environment and quality of life.

Enigma Healthcare are committed to sustainability performance as an integral, strategic issue that shapes the future of our business and supports our reputation as a respected medical device manufacturer.

The NHS have committed to reaching Net Zero by 2040 for the emissions directly controlled and by 2045 for the indirect emissions for goods and services procured from business partners and suppliers.

As an SME have a two-year grace period on the timeframes below set by the NHS, but where possible we aim to align with their Net Zero initiative:

- **April 2023:** Publish a carbon reduction plan for direct emissions.
- **April 2024:** Continue to develop plans in-line with the requirement that carbon reduction plans become mandatory for all new contracts, irrespective of value.
- **April 2027:** Publish a carbon reduction plan that considers direct and indirect emissions.
- **April 2028:** Investigate the new requirements for carbon foot-printing individual products supplied to the NHS. Due to the complexity of this the NHS will work with suppliers and regulators to determine the scope and methodology.
- **2030:** Demonstrate on-going work by publishing progress and carbon emission reporting.
- **2040:** Net Zero for Scope 1 and Scope 2 - Direct Emissions
- **2045:** Net Zero for Scope 3 - Indirect Emissions.

Baseline Data

Our Scope 1 baseline emissions were calculated by collating usage data for Natural Gas, moving forward this reporting will be further developed to include air and train travel.

Our Scope 2 baseline data is calculated by using actual energy usage data.

Our Scope 3 baseline will be set at a later date, this is a complex data set that will require additional resources and a project group to work on.

Conversion Factor used for calculating CO2e are taken from [Government conversion factors for company reporting of greenhouse gas emissions - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/publications/government-conversion-factors-for-company-reporting-of-greenhouse-gas-emissions)

Baseline Year 2022 (May to December)

Emissions	Total tCO2e
Scope 1	6038.56
Scope 2	1229.52
Scope 3	Not undertaken initially
Total Emissions	7268.08

Looking at CO2e data collated so far this year (January to end September 2023) by the end of the year we expect to see emissions increased by approx. 15% (from base year 2022-23) because the private clinic was not open until January so there will be an increase in usage but as its not at full capacity it will be a small increase of approximately 15%.

EH Emission Targets

Enigma Healthcare are developing a detailed roadmap to become Net Zero by 2040 with regards Scope 1 and 2 Direct Emissions and by 2045 for Scope 3 Indirect Emissions.

As we continue to record our 2023 data, at the end of the year we will have clear comparison to our baseline this will give us clarity on our progress and guide us to report and set accurate reduction targets.

As our plans develop, the approach to reducing our emissions will be detailed in future reports. However, as a benchmark we would expect to work towards the following target reductions.

Scope 1:

- 5 year - Near term target reduction 25% by 2027
- Long term target 85% reduction by 2040
- Reduction to be offset by other projects 30%

Scope 2:

- 5 year - Near term target reduction 20% by 2027
- Long term target 80% reduction by 2040
- Reduction to be offset by other projects 30%

Carbon Reduction Projects

Protecting the environment is one of the core aims at Enigma Healthcare we will do this by managing the operations to continually improve our environmental performance.

We believe in preserving natural resources through better utilization of technological and by innovative best practices, reducing waste, and developing sustainable opportunities to use recycled materials.

We have already completed a number of projects to support this including:

- Installation of LED Lighting across the office
- Installed energy efficient lighting that goes on automatically when entering a room and off when the room is empty
- Introduced a flexible approach to allow people to work from home.
- Improvements in recycling by ensuring all products that can be recycled are recycled
- Providing water points on both floors and giving staff metal water bottles so they can fill these and not have to use plastic.
- Changing patient cold drink options into cartons or cans so that these can be recycled.

Moving forward we will be working to reduce emissions by focusing on the following areas:

Energy:

By far the largest emissions relate to our consumption of electricity.

We will review our energy provider to ensure we are getting the best value and a supplier that harvests green renewable energy.

We will investigate how we improve, monitor and provide efficiencies in areas that can reduce consumption.

On renewing office equipment, we will purchase energy efficient products and ensure good housekeeping by automating screen savers and have installed low energy LED lights in office and production areas.

We will also be looking at our own machine efficiencies, and possibilities for solar energy panels.

Travel:

We will be promoting the benefits of a Cycle to Work Scheme and other methods to reduce fuel consumption. We will encourage car sharing for journeys to work. Our sister company is a gym and is supporting innovative ways of getting to work without using cars where possible.

Where possible the train will be the preferred option for journeys out with the region above flying.

We encourage colleagues to avoid physically travelling to meetings where alternatives are available, such as using teleconferencing, video conferencing or web cams, and are implementing efficient timings of meetings to avoid multiple trips. These options are also often more time efficient. We are mindful, however, of the mental welfare of our staff so we will not sacrifice the benefits of regular contact with each other.

Reduce the need for our staff to travel by supporting alternative working arrangements, including reduced working days, and home working where appropriate.

Recycling:

Implementing a segregated waste management scheme whereby no waste is sent to landfill. Recycling bins are present throughout the clinic with spot checks in place for waste segregation.

Minimise our use of paper and other office consumables, for example by double-siding all paper used, and identifying opportunities to reduce waste. Go paperless where possible by 2025.

As far as possible arrange for the reuse or recycling of office waste, including paper, computer supplies and redundant equipment.

Ensure that timber furniture, and any other timber products, are recycled or from well-managed, sustainable sources and are Forest Stewardship Council (FSC) certified.

Ensure that clinical waste is segregated correctly into the correct colour coded bags and recycled components are removed accordingly.

People:

We will reinforce positive attitudes to recycling and processes to reduce our carbon footprint, and within the next 12 months we will be deploying mandatory training to all staff on environment and sustainability care.

Undertake voluntary work with the local community and / or environmental organisations and make donations to seek to offset carbon emissions from our activities.

We will provide green space for staff to have breaks and encourage staff to get out into these green spaces during lunch breaks.

Procurement:

Ensure that any Subcontractors or Suppliers that we employ take account of sustainability issues. As part of our supplier approval process, we request environmental and ethical policy along with status regarding ISO14001.

We will try to use one supplier where possible for all our stock to reduce the requirements of multiple deliveries.

In line with the commitment to promote sustainability and minimise the environmental impact of our activities, where possible we will attempt to procure stock where the materials have been responsibly sourced.

Food waste

Food waste is to be managed through purchased food waste recycle compostable bins which impacts on less general waste consumption. Food waste bins are placed into each staff recreational area.

Business travel

Evaluate and, where possible, adopt means of reducing business travel, including continued use of video conferencing, to achieve sustainable long-term reduction of emissions that will be reported annually.

Employee learning and behaviour change

A program will be created over the next 12 months to raise the environmental awareness for all employees and contractors. This information will be captured by circulating a Net Zero survey to all employees on their commute, household utilities and general practices in relation to the environment.

Collaborating with all employees, we will encourage better energy use and reduced waste.

Leadership

The Senior Management Team (SMT) of EH has given, and will continue to give, its full support to this carbon reduction programme and the team required to achieve EH's Net Zero ambitions. EH Chief Operating Officer (COO) holds our Net Zero Lead role.

The Executive Board will lead by example, by modelling best practice behaviours in carbon reduction wherever possible, by helping to push for and then implementing changes, along with arranging for specific sub-project funding if and when needed.

The executive team has implemented the following options:

- Charging points for visitors at our Instinct site
- Ground source ventilation pumps in the clinical areas
- Set up net zero/ sustainability working group to involve employees and work towards the goals set by EHG.
- There is a commitment, where possible, to adopt criteria set by For Corporate and Business Travel | GSTC (gstcouncil.org).
- Consideration of offering a Public Transport Allowance
- Expansion of Working from Home initiatives

UK Sustainable

We intend to investigate option to ensure our site is managed in a sustainable manner, by working towards:

- Developing our share point document management systems further to allow employees to retrieve and transmit documents electronically.
- Apply the principles of continuous improvement in respect of air, water, noise, and light pollution from our premises and reduce any impacts from our operations on the environment and local community.
- Assess the environmental impact of any new processes, services or products we intend to introduce in advance

