

CARBON REDUCTION PLAN 2022



Supplier name:	TAC Healthcare Group LTD
Publication date:	22 August 2022

1. Executive Summary

TAC Healthcare (TAC) is committed to achieving Net Zero Emissions by 2045.

We recognise that by reducing our Greenhouse Gas Emissions this will make significant benefits for us, our customers, suppliers and the wider community.

Our Carbon Reduction Plan evidences TAC's commitment to the management and reduction of our business-related carbon emissions.

The plan will cover 2022 as our baseline year information, setting clear targets for reducing Greenhouse Gas (GHG) emissions over key timeframes and listing our planned projects to achieve carbon net zero by 2045.

This plan is TAC's promise to invest and explore available options including training, grants and technology that will help us reduce our impact and achieve Net Zero.

TAC is quite unusual as a health care provider in that we deliver treatment on our own site to patients, but also services directly to businesses as well as the NHS in their own facilities. To ensure we have the right skills mix we recruit our staff from across the United Kingdom and may often be delivering the service some distance from their home. This means we have high business travel amongst our practitioners, and we are aware that we will need to look at creative solutions to some of the carbon reduction activities we apply.

On the other hand, our admin support is centrally based and allows us to be far more traditional in the measures we take.

Regardless, we will still be pushing our business and working with all of our employees and contractors to embrace this plan and work collaboratively to achieve the overall goal of Carbon Net Zero by 2050. We will also encourage our staff to offer innovative suggestions to help us achieve our aim.

The points below show the journey we are taking:

- TAC aims to reduce its GHG emissions by 75% by 2040 based on our baseline year August 2021 to July 2022
- TAC CO₂ baseline emissions are 1365.08 tonnes in our baseline year
- A number of facility improvements have been identified that will show our commitment and encourage staff to participate
- An engagement plan with actions will raise staff awareness and encourage involvement to achieve net zero emissions by 2045.

2. Meeting the reporting requirements

This Carbon Reduction Plan is completed in compliance with [PPN06/21 as published by the Cabinet Office June 2021](#). Our plan will be reviewed and updated annually and will reflect any changes in organisational structure, considering any efforts made to reduce our emissions over time to achieve net zero by 2045.

2.1 Our low carbon vision

TAC is committed to integrating sustainable development into everyday practice by minimising our environmental impact wherever possible.

During the process of developing this Carbon Reduction Plan, we have been identifying a number of options that will allow us to demonstrate our commitment to investing in improvements to technology, resources and training that will enable us to reduce the carbon emissions generated by our everyday activities.

3. Method of data collection:

Due to the unique nature of our business, we have detailed below the methodology used for our report.

We used the [SSE](#) Footprint calculator to help us identify and measure our different emissions.

3.1 Carbon footprint methodology:

TAC reports on all sources of carbon emissions over which we have operational control.

3.2 Baseline year: August 2021 to July 2022

Scope 1:



Company Facilities We purchased our Wellheads property in 2020 and re-cycled an entire building full of office furniture i.e. cabinets, desks, chairs left by the previous owners. This helped reduce our costs and our impact on the environment.



Endoscopy Unit: In late 2021 we commissioned the construction of our new on-site purpose-built endoscopy unit. The specifications included that this should be carbon neutral and have roof solar panels; these panels feed into the national grid.



Company vehicles: TAC owns and operates two reconditioned diesel vans. Mileage is recorded for each use. Company is researching vehicle trackers for fuel and mileage consumption energy efficiency savings.



OH Assessment Mobile units: In 2022 TAC acquired diesel vans which we converted to mobile assessment units for our Occupational Health Service. We customised the interiors to meet clinical standards and have introduced solar panels which enable them to work off grid for approximately one week between charges. This means they do not need to access mains electricity to operate. Tachographs for fuel consumption, mileage records and vehicle movement and statistics are recorded.

Scope 2:



Purchased electricity, steam, heating and cooling for own use: we purchase 100% renewable electricity.

Scope 3:

Category 4 and 9 upstream and downstream distribution



TAC is a clinical organisation with a large administration-based service, with limited selling of consumables for the offshore operational market. We purchase on behalf of our clients but do not manufacture any consumables ourselves. TAC has not to date tracked any upstream/downstream distribution. We plan to revisit this with our supply chain and work closer with customers to analyse product lifecycle.

Category 5 waste generated in operations



An average for 2022 waste is a combination of clinical, mixed recycling and general waste to calculate average tonnage. This gives the company a benchmark on areas for improvement.

We plan to address these areas through behaviour changes in the Strategies for Carbon Reduction through monthly tracking.

Category 6 business travel



The Finance Team capture business travel however until recently it has not been tracked and recorded against carbon footprint usage. There is a commitment where possible to adopt criteria set by [For Corporate and Business Travel | GSTC \(gstcouncil.org\)](https://www.gstcouncil.org).

Type of travel	Tonnes CO2e
Official travel: Road	39.7
Official travel: Rail	2.7
Official travel: Air	33.1
Total GHG emissions	75.6

Category 7 - employee commuting



We used the [SSE Carbon Footprint Calculator](#) to measure the average commuter statistics as we had never done this before. This took our figure of 250 staff and our average working days of the year to 280, this excludes those workers who work weekends in our calculation for annual leave.

We have taken the average commuting distance from the [Global Commuter Index - Moneybarn](#) which is identified for Scotland as 25 miles (see Figure 1 below). This brings in a total estimated figure of 369.4 tCO₂e.

Region	Avg. commute distance (miles)	Avg. commute time (minutes)	Miles per Hour (MPH)
London	20	85	14
North East	21	61	20
North West	21	58	21
West Midlands	22	56	23
Yorkshire and the Humber	22	57	23
Wales	19	48	24
Scotland	25	62	24
South East	28	67	25
South West	21	49	26
East Midlands	25	54	27
Northern Ireland	28	60	28
East of England	31	65	29

Figure 1: summarised by [Global Commuter Index - Moneybarn](#) in the [New survey reveals large regional differences in workers' commuting experience - SME News \(sme-news.co.uk\)](#) article.

Baseline year emissions: August 2021 to July 2022

Emissions	Total (tCO ₂ e)	Notes
Scope 1	125.8	rationale detailed above
Scope 2	88.89	rationale detailed above
Scope 3 (Included sources)	1150.5	rationale detailed above
Total emissions	1365.1	See Figure 2 below.

Figure 2: Calculation from SSE Total Emissions.

Total emissions	Company CO ₂ Emissions (tons)	1365.08
	Average CO ₂ Emissions per person (tons)	5.460
	Average CO ₂ Emissions per person per day (kgs)	19.50
	Equivalent airmiles travelled	4,665,427
	Trees required to offset	20,476

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3.6 Current year: 2022

Emissions	Total (tCO ₂ e)	Notes
Scope 1	125.8	rationale detailed above
Scope 2	88.89	rationale detailed above
Scope 3 (Included sources)	1150.5	rationale detailed above
Total emissions	1365.1	See Figure 2 below.

This is our first year of reporting business emissions. For the current reporting year 2022 Scopes 1, 2 and 3 will be the same as the baseline year reporting.

4. Strategies for carbon reduction

The carbon reduction opportunities in this plan, once fully implemented, will reduce TAC's GHG emissions each year in line to achieve net zero emissions by 2045. The areas for concentrated reduction strategies are as follows:

4.1 Upstream and downstream distribution

TAC has not to date tracked any upstream/downstream distribution of consumables. We plan to revisit this with our supply chain and work closer with customers to analyse product lifecycle.

4.2 Waste generated in operations

Food waste is to be managed through purchasing food waste recycle compostable bins which impacts on less general waste consumption.

4.1 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.

4.2 Employee commuting

We will continue to maintain a Smarter Working culture for all employees to reduce the amount of business travel and commuting for our colleagues, helping to reduce our CO₂ emissions.

TAC HR Team are promoting bicycle incentive scheme.

4.3 Communication

Communication teams now circulate digital monthly newsletters which saves on printing with all TAC employees now being online through Microsoft 365 SharePoint.

4.4 Employee learning and behaviour change

A program will be created over the next 12 months to raise the environmental awareness for all TAC 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. During the pandemic for example, while the majority of employees were working from home, it highlighted how printing is not as essential as previously thought to our business operations as part of our daily work lives, and we will aim to maintain this as a goal for a more paperless office.

Since April 2020, the TAC Communication team has taken considerable steps to reduce the amount of paper-based marketing literature used at both internal and external events. This includes the creation of an app-based system, which uses downloadable content which is shared with the customer using PDFs, avoiding the requirement to produce, print and transport 1000's of leaflets to an event.

4.5 Leadership

The Executive Board of TAC has given, and will continue to give, its full support to this carbon reduction programme and the team required to achieve TAC's Net Zero ambitions. TAC Chief Executive Officer (CEO) 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 is exploring the following options:

- Charging points for visitors and corporate EV vans to replace current vehicles
- Install solar panels or modular panels dependant on existing building infrastructure.
- Air or ground source heat pumps in the grounds of Wellheads facility.
- Set up net zero/ sustainability working group to involve employees and work towards the goals set by TAC.
- 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

4.6 Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate government emission conversion factors for greenhouse gas company reporting.

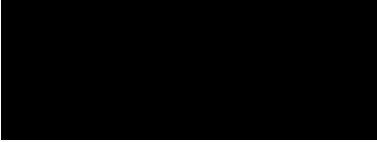
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Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of TAC Healthcare as Net Zero lead:

Signature:	
Name of Signatory:	Phil Webb
Job Title of Signatory:	Chief Executive Officer
Date:	26 August 2022

APPENDIX 1 – EMISSION REDUCTION PLAN

