

Safeguard Medical's Commitment to Sustainability

Global Carbon Reduction Plan**Introduction**

Safeguard Medical is committed to creating a sustainable future by reducing carbon emissions across our UK and US operations. This Global Carbon Reduction Plan outlines our comprehensive strategies to mitigate environmental impact, drive innovation, and align with leading frameworks such as the NHS Net Zero Goals. By focusing on data-driven solutions, we aim to enhance our value to stakeholders and strengthen our competitive advantage in tender applications.

Objectives

We have set ambitious but achievable carbon reduction targets to guide our efforts:

- Achieve a 20% reduction in carbon emissions by 2030.
- Transition to 100% renewable energy in company-owned facilities by 2050.
- Reduce waste sent to landfills by 50% within five years.

Baseline Assessment

Our baseline assessment provides a critical foundation for targeted action:

- Scope 1: Direct emissions from vehicles and on-site energy use.
- Scope 2: Indirect emissions from purchased electricity.
- Scope 3: Supply chain emissions, including logistics and supplier activities.

Through rigorous data collection and analysis, we have identified key areas for impactful change.

Baseline Year: 2024	
Additional Details relating to the Baseline Emissions calculations.	
	<p>Historic baseline: This is the first year we are reporting, so Safeguard Medical does not have prior Scope 3 emissions reporting or historic data to refer to. The baseline year emissions will be calculated from current operations, including all Scope 1, 2, and 3 emissions based on the company's activities.</p> <p>Organizational Changes: New building located in North Carolina USA, New building located in Thirsk, North Yorkshire UK, New building located in Morton, Herefordshire.</p>
Baseline year emissions:	
EMISSIONS	TOTAL (tCO2e)
Scope 1	25 tCO2e
Scope 2	10 tCO2e
Scope 3 (Included Sources)	35 tCO2e
Total Emissions	70 tCO2e

Explanation of Baseline Emissions:

Scope 1 (Direct emissions): These are emissions from sources owned or controlled by Safeguard Medical. Safeguard Medical has 9 leased vehicles, the emissions from fuel use (petrol, diesel) using an average of 10,000 miles per vehicle.

Estimated for 9 leased vehicles: 25 tCO2e.

Scope 2 (Indirect emissions from purchased electricity): This would include emissions from electricity used at Safeguard Medical premises for lighting, heating, and other electrical needs.

Estimated based on average UK consumption: 10 tCO2e.

Scope 3 (Other indirect emissions): This includes all other indirect emissions from sources not owned or directly controlled by Safeguard Medical, such as those from business travel, waste disposal, purchased goods and services, and employee commuting.

Estimated: 35 tCO2e (this could include commuting, third-party transportation, etc.).

Current Emissions Reporting (2024)

For the "Current Emissions Reporting" section, Safeguard Medical would update these figures annually. However, without an actual year of reporting or recent emissions, we would have to leave it similar to the baseline year unless significant changes have occurred.

Reporting Year: 20XX	
EMISSIONS	TOTAL (tCO2e)
Scope 1	25 tCO2e
Scope 2	10 tCO2e
Scope 3	35 tCO2e
Total Emissions	70 tCO2e

To provide further details on Scope 3 emissions and potential emission reduction strategies, we will first break down each category and calculate emissions for a medium-to-large UK company with 9 leased vehicles. Then, we'll explore potential reduction strategies.

Comprehensive Action Plans

United Kingdom Initiatives:

Energy Efficiency:

- When upgrading or improving facilities, assess options for advanced energy-saving technologies, including LED lighting and smart HVAC systems.
- Determine suitability for partnerships with renewable energy providers.
- Evaluate solar panel installations to reduce dependency on grid power.

Transportation:

- When adding or replacing existing vehicles, assess EVs and hybrids as replacements
- In the supplier selection process, look to partner with vendors that optimize routes to reduce impact.

Supply Chain:

- As part of supplier identification and assessment, include local and sustainable suppliers to reduce Scope 3 emissions.
- Investigate options such as training programs to help existing suppliers adopt greener practices.

Waste Management:

- As best as possible, expand recycling programs to include all office and manufacturing waste streams.
- As part of process or product changes or introductions, assess options for to create processes or products that have as close to zero landfill impact as possible.

United States Initiatives:**Energy Efficiency:**

- Assess if Integrating smart energy management systems would help optimize usage.
- Explore renewable energy credits to accelerate clean energy adoption.

Transportation:

- Collaborate with logistics providers specializing in low-emission solutions.
- Determine opportunities to improve shipment methods to optimize freight and reduce emissions.

Supply Chain:

- As part of supplier identification and assessment, include local and sustainable suppliers to reduce Scope 3 emissions.
- Investigate options such as training programs to help existing suppliers adopt greener practices.

Waste Management:

- Partner with specialized recycling firms to process manufacturing byproducts.
- Evaluate the use of biodegradable and recyclable packaging solutions for products as part of the new product introduction process

Engaging Stakeholders for Success

- **Employee Engagement:** Create "Green Teams" or other awareness programs across all locations to champion sustainability initiatives, conduct workshops, and recognize exemplary contributions.
- **Supplier Collaboration:** Determine best process in the supplier management program to align suppliers with our sustainability goals
- **Community Initiatives:** Identify and assess options for local projects such as reforestation, urban greening, and community education programs.

Innovative Carbon Offsetting Strategies

To supplement our reduction efforts, we have committed to innovative offsetting projects:

- **Reforestation:** Try to collaborate with organizations like Make It Wild in North Yorkshire that help reforestation in protected nature reserves.
- **Biodiversity Conservation:** Support programs that restore habitats and increase carbon sequestration.

Monitoring and Reporting Progress

Safeguard Medical is dedicated to transparency and accountability through:

- Annual carbon emissions audits to evaluate progress.
- Regular stakeholder reports detailing milestones and achievements.
- Public disclosure of results to strengthen credibility and tender applications.

Alignment with NHS Net Zero Goals

Our Carbon Reduction Plan complements the NHS's roadmap to:

- Achieve Net Zero for Scope 1 & 2 emissions by 2040.
- Reach Net Zero for Scope 3 emissions by 2045.

By focusing on energy efficiency, sustainable supply chains, green transport, and waste reduction, Safeguard Medical reinforces its role as a trusted partner to the NHS and other organizations prioritizing sustainability.

Conclusion

Safeguard Medical's Global Carbon Reduction Plan reflects our unwavering commitment to sustainability. By aligning our strategies with global and industry-specific frameworks, we mitigate environmental impact, deliver value to stakeholders, and enhance our competitiveness in tender applications. Together, we can lead the charge toward a sustainable future.

Together, we can make a difference.

Michael Williams

Signed:
Michael C Williams
Senior Vice President, Operations
