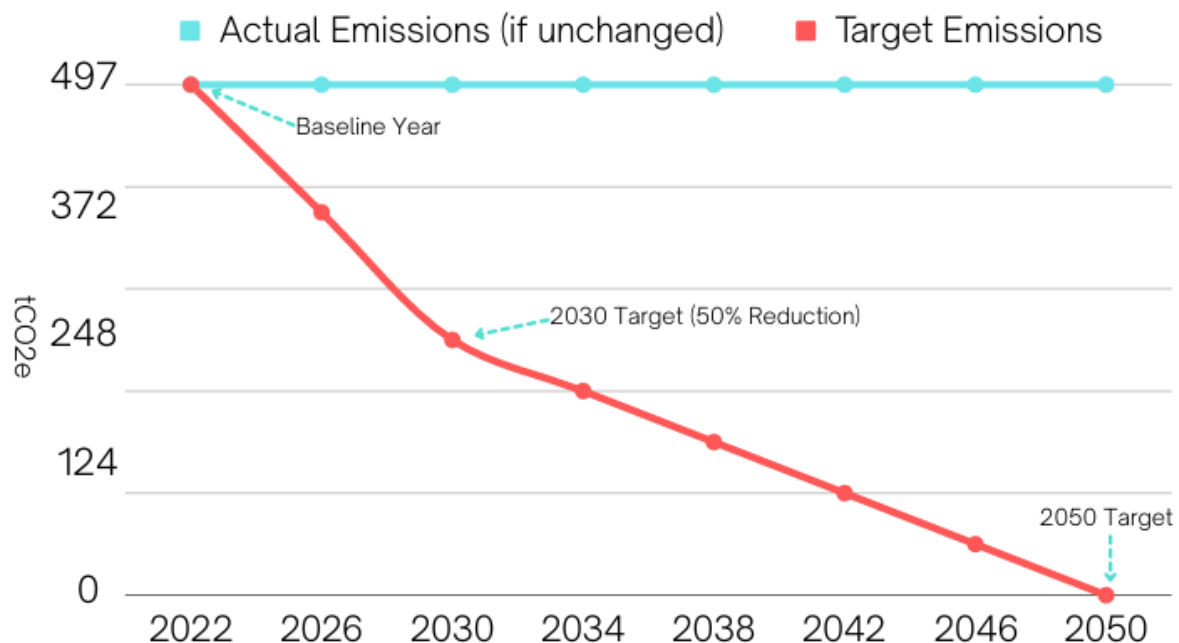




## Southern Medical Rescue Carbon Reduction Plan

IPCC studies (and COP discussions) have highlighted the importance of businesses making a difference in the next 5 years before changes to the climate are irreversible, and by Carbon Offsetting and becoming Carbon Neutral, Southern Medical Rescue Ltd is proactively doing its part for the planet now - when it is the most important. In addition to Carbon Offsetting and Carbon Neutral status - it is recommended that Southern Medical Rescue Ltd takes further action to reduce its future emissions - as much as practically possible. By reducing all avoidable emissions to zero - the organisation will achieve Net Zero status.

Science Based Targets As part of the 2015 Paris Agreement, world governments committed to curbing global temperature rise to well-below 2°C above pre-industrial levels, and pursuing efforts to limit warming to 1.5°C. In 2018, the IPCC warned that global warming must not exceed 1.5°C to avoid the catastrophic impacts of climate change. It was agreed that to achieve this, GHG emissions must halve by 2030 – and drop to Net Zero by 2050. In order to align with these Science Based Targets - Southern Medical Rescue Ltd must commit to reducing half of its GHG emissions by 2030, and to achieve Net Zero by 2050.





### **Base line year 2022/2023**

Scope 1 65.42 tCO<sub>2</sub>e

Scope 2 0.13 tCO<sub>2</sub>e

Scope 3 431.72 tCO<sub>2</sub>e

Total 497.27

This will require a reduction of 7.14% (35.50 tCO<sub>2</sub>e) per year from the 'Baseline' (first year) assessment of the organisation. A further reduction of 2.5% (12.43 tCO<sub>2</sub>e) each year is then required in order to achieve Net Zero. Should significant changes to the business size and structure occur in the future - Carbon Neutral Britain will amend the 'baseline' assessment year, as well as look at intensity values (tCO<sub>2</sub>e per million turnover, FTE or other metric), to further track and implement reduction strategies

### **2023/2024 Reporting Year**

Scope 1 56.42 tCO<sub>2</sub>e

Scope 2 0.14 tCO<sub>2</sub>e

Scope 3 408.64 tCO<sub>2</sub>e

Total 465.20

### **6.7% decrease**

Efforts made in the last reporting period have lowered the organisations carbon output by 6.7%. Although this slightly falls short



## **Reduction Strategies**

Although some emission reductions will require technological and third party improvements, it is recommended that Southern Medical Rescue Ltd targets the three largest avoidable emissions sources of the organisation, in order to make the most impactful, and quickest reduction in emissions possible. The three largest avoidable emission sources are: Organisation Waste (83% of total emissions) Company Owned/Leased Vehicles - (13% of total emissions) Total Organisation Energy Usage on Site - (0.02% of total emissions)

Recommendations for the organisation are as follows: Waste Landfill waste produces the highest volume of carbon emissions, and so should be avoided wherever possible. 'Zero to landfill' solutions are increasingly available for businesses of all sizes, and by doing so, a significant reduction can be achieved. Reviewing packaging/goods used and efficiency of material use is also recommended to reduce the initial production of waste.

Company Vehicle Emissions Immediate reduction in vehicle emissions can occur from improved efficiency in the journeys undertaken. If journeys can be avoided (facilitating meetings via video call), routes can be shortened, and ride sharing can occur - small but incremental improvements can be made over time. Switching vehicles to hybrid and/or electric vehicles will understandably have the most significant impact.

Electricity Consumption Reducing usage wherever possible through energy efficient machinery, equipment and lighting is best practice to reduce consumption wherever possible. For leased sites (where infrastructure changes are not possible), moving to a more energy efficient site could also be considered. Where hybrid working is possible - limiting the number of staff within the office, and downsizing (therefore lowering energy requirements) could also have a significant impact on the direct energy consumption of the business (working from home staff produce almost half the energy output of the equivalent usage from an office).

**Steven Powell**

**CEO**

**14/9/2024**

