Sword Ping Network Solutions – Carbon Reduction Plan - 2024

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Version: 0.1

Prepared by: Andrew Morrison

Contents

1. Document Information

1.1 Document Controls

Document Title	Sword Ping Network Solutions – Carbon Reduction Plan
Document Owner	Andrew Morrison
Document Number	001.P.00036
Document Classification	Sensitive

1.2 Summary of Changes

This section records the history of significant changes to this document. Only the most significant changes are described here.

Version	Date	Author	Comments
0.1	19/04/2024	Andrew Morrison	Initial Draft
1.0			1st Release

Where significant changes are made to this document, the version number will be incremented by 1.0.

Where changes are made for clarity and reading ease only and no change is made to the meaning or intention of the document, the version number will be increased by 0.1.

1.3 Reviewers

This document requires the following reviews and approvals. Signed approved forms are kept in the project file.

Name	Position	Signature on Approval	Date	Version
				1.0

1.4 Distribution

The document has been distributed to the following people:

Name	Date	Version
Ping Technical Team		1.0

2. Commitment to achieving Net Zero

Sword Ping Network Solutions is committed to achieving Net Zero emissions by 2050.

2.1 Emissions Footprint.

2.1.1 Baseline Year: 2022

Baseline Reporting Year Emissions 2022		
Category	Sub Category	Total (tCO2E)
Emissions	Scope 1	0.00
	Scope 2	47.3
	Scope 3	54.29
Included Sources	Business Travel	33.98
	Employee Commuting	19.37
	Upstream Transportation and Distribution	0.32
	Downstream transportation and distribution	0.61
	Waste Generated in Operations	0.00
Total Emissions		101.59

2.1.2   Reporting Year: 2023

Our carbon Emissions in 2023 were measured in line with lie with CHG Protocol and include the greenhouse gases stated in the Koyoto Protocol.

Reporting Year Emissions 2023		
Category	Sub Category	Total (tCO2E)
Emissions	Scope 1	9.20
	Scope 2	170.57
	Scope 3	44.75
Included Sources	Business Travel	42.54
	Employee Commuting	1.28
	Upstream Transportation and Distribution	0.93
	Waste Generated in Operations	0.00
Total Emissions		224.52

2.2   Reporting Period

Sword Ping Network Solutions will publish a Carbon Reduction Plan on a yearly basis detailing emissions released from UK operations from 1st January to 31st of December.

3.   Current Reporting Year

2022 was the first year that there was a published carbon emission report. Therefore, 2022 will be used as the baseline year to measure progress for the figures.

3.1   Scope 1 - 2023

Scope 1 is reported as 9.20 tCO2e. Although Sword Ping has no boilers, on – site manufacturing or f gases to report on, there is a company van that is now employed and the emissions have been included to reflect that.

3.2   Scope 2 - 2023

Within Scope 2 we have measured the carbon output from employees working from home and the consumption of gas and electricity. Sword Ping Network Solutions still operates with a hybrid working model so the numbers have factored in an average of three days working from home and 2 days working in the office.

3.3   Scope 3 -2023

3.3.1   Business Travel

The Business Travel Subset in Scope 3 is reported as 42.54 tonnes 2023 for Sword Ping Network Solutions. This takes in to account all car, rail and air travel for business purposes.

3.3.2   Employee Commuting

The employee commuting subset is reported as 1.28 tonnes. This is based on an average travel distance of 11 miles for commuting, traveling twice a day, two days a week.

3.3.3   Upstream & Downstream Transportation and Distribution

We have calculated figures in the Upstream and Downstream transportation and distribution by assessing the sent and received goods. We are looking at our supply chain to ensure all mileage is tracked.

3.3.4   Waste Generation in Operations

Our waste removal provider still does not have this information to provide. We hope to be able to include this in the report next year.

4.   Emissions Reduction Targets

In order to continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 81.27tCO2e by 2028. This is a reduction of 20%.

Our carbon reduction Projects include:

- Specific measures taken such as LERD lights, light sensors and waste management polices (recycling).

- Changes to company policy that has led/leads to a reduction in emissions e.g.. company travel (work from home).