2023-24 Carbon Footprint Report

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VIPER INNOVATIONS

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Executive Summary

Welcome to Viper Innovations Ltd's annual carbon footprint report for 2023-24. The report analyses Viper's carbon footprint during the trading year ending March 31st 2024 and compares it to our 2019-20 baseline and to the last year (2022-23).

Our aims in publishing this report are to be as transparent as possible to all our stakeholders (our employees, customers, suppliers and our community) and also to use the findings to inform our carbon footprint reduction plan.

Key findings & looking ahead

Our total carbon emissions for 2023-24 were 140,260 KG CO_2e.

- Viper's overall carbon emissions have decreased by 8.4% per cent since 2019-20, with emissions per FTE now 37% lower overall.
- The largest contributors to our current emissions are commuting and air travel. Commuting-related emissions have risen since the 2022-23 reporting period, reflecting an increase in office attendance. This trend aligns with a decrease in emissions from home working compared to the previous period.

Looking ahead, we plan to focus on two main areas during the year ending March 2025:

- We will continue to improve our carbon footprint monitoring, specifically in the areas of business travel.
- As the source of greatest emissions, there will be a continued focus on minimising air travel and encouraging low-carbon commuting options amongst staff.

Background

In 2023, a Corporate Social Responsibility (CSR) strategy document was published by Viper. In that strategy, it was acknowledged that to achieve a carbon neutral position there are several parallel actions that need to be taken that will contribute to reducing the emissions and also offsetting any residual emissions.

The initial baseline and the current year analysis included all Scope 1 and Scope 2 emissions and a number of Scope 3 emissions (as defined in the Greenhouse Gas (GHG) Protocol). For the year 2023-24 the carbon footprint of our water usage has now been calculated and included.

This report provides a comprehensive breakdown of Viper's greenhouse gas emissions for the year ending March 31st 2024, along with a comparative analysis against our baseline assessment from the year ending March 2020 and last year's emissions. Annual monitoring of our carbon footprint will continue, with ongoing improvements to our data processes.

Scope of reporting

Information for this report was gathered from company records, supplier records and an employee survey. The records include invoices, travel bookings, expense claims, and product dispatch/shipping records in order to capture all required data for calculating the carbon emissions.

A survey was also undertaken of all staff to incorporate the carbon footprint associated with commuting to work and that associated with home working. All data collected and analysed and calculation methods within this report follow the World Resources Institute Greenhouse Gas (GHG) Protocol standards.

The Greenhouse Gas Protocol breaks emissions into different scopes, depending on whether they are direct or indirect emissions. Scope 1 are those carbon emissions produced by Viper and calculated on the use of Viper owned or leased facilities and vehicles.

For Viper, scope 2 includes electricity usage. Scope 3 indirect emissions are calculated on all activities undertaken to deliver the goods, such as the transportation from the Viper warehouse to a client, it includes business travel, emissions as a result of homeworking, hotel stays, and employee commuting. In addition water usage has been calculated and included for the first time.

Overall, data collection methods have improved since the 2022-23 calculations. Key areas that have changed from the 2022-23 calculations, with improved data collection methods, are flight data and general improved reports for business travel.

Data Collection

Data was collected from the following sources:

- **Starjar** – our Enterprise Resource Planning System
- **Dispatch Register** – covering all freight information
- **Utility Meter Readings**
- **Car odometer readings**
- **Supplier invoices**
- **Travel booking register**
- **Manual employee surveys**
- **HR Department records**
- **Expense Claims**
- **Supplier records**

Following the GHG Protocol guidance, we calculated Viper's emissions from each of following scopes and categories as they related to our operations.

SCOPE 1

Direct Emissions

Mobile combustion: Fuel used in the operation of owned and leased vehicles.

SCOPE 2

Indirect Emissions

Purchased electricity: On-grid electricity purchased for Viper offices and stores.

SCOPE 3

Indirect Emissions

Transportation and distribution: Emissions generated by air and land freight for all product deliveries from Viper's store or offices.

Business travel: Flights, trains, buses, car rentals, and taxis used in Viper's operations

Employee commuting: Emissions generated by Viper's employees through the use of private vehicles and public transport in the commutes from home to the Viper offices.

Home working: Emissions generated by the office equipment and heating for employees whilst working from home.

Hotel stays: Emissions using standard hotel carbon footprints associated with each night's stay.

Water usage: Emissions generated by water consumption during business activities.

Sources of emissions not included

The calculated carbon footprint is as complete as possible and has benefited from hard data that has been able to be mined with a high level of accuracy.

Very few assumptions have been made, and any errors in the assumptions would have had negligible impact on the overall results. Accurate data has been available for the most significant sources of emission across Viper.

We continue to improve our data collection for the following carbon footprint monitoring areas and some of these may be possible to include in future years. There are notable sources of emissions defined in the GHG protocol but not included in Viper's calculation:

- Purchased goods and services includes only the electricity, fuel and transport. The capture of complete data for other purchased goods and services is not currently possible from Viper systems.
- We have not included any carbon sequestration resulting from our woodland in Stogumber. Top level estimates for the CO_2e absorption have been made, but for this report no 'offsetting' has been applied for the carbon footprint.

Carbon footprint

Overview

140 Tonnes of CO_2e in 2023/24

17 Flights around the Earth

Transforming Data into Impact: Our emission data are equivalent to the metrics above.

Scope	Acitivity	Kg CO_2e
Scope 1	Pool cars	309
Scope 2	Purchased Electricity	2,584
Scope 3	Electricity transmission & distribution (all offices and Stores)	1,596
Scope 3	Commuting - private vehicles Commuting - public transport	95,021
Scope 3	Homeworking	1,348
Scope 3	Business travel - air	23,830
Scope 3	Business travel - hire and private road vehicles	5,911
Scope 3	Business travel - taxi	461
Scope 3	Business travel - public transport	313
Scope 3	Business travel - hotels	4,277
Scope 3	Goods out transport	4,543
Scope 3	Water usage	67

Carbon footprint

Comparison to baseline

An important analysis of our carbon footprint is to measure our progress by comparison to our 2019/20 baseline. A basic year on year analysis shows that overall, Viper carbon emissions have decreased by 8% from our 2019-20 baseline report.

The Company has also grown substantially in that period. To measure our progress in reducing emissions, we must factor in the growth of the Company. Therefore, our reduction goals and year on year analysis will focus on the change in carbon emissions intensity.

This measurement quantifies total carbon emissions, in kilograms of carbon dioxide equivalent (CO_2e), per full time equivalent staff member. For the same two comparison years, we have realised a reduction of 37% in carbon emission intensity.

However, since the previous reported year, the carbon emissions intensity has increased by 22%.

Scope	Acitivity	2023-24 kg CO_2 e	2023-24 kg CO_2 / FTEe	2022-23 kg CO_2 e	2022-23 kg CO_2 / FTEe	2019-20 kg CO_2 e	2019-20 kg CO_2 / FTEe
Scope 1	Pool cars	309	5	788	13	2,275	49
Scope 1	Generator					13	
Scope 1	Propane heating					244	5
Scope 2	Locations based electricity generation (kgCO2 e)	18,445	271	23,069	391	26,754	577
Scope 2	Savings due to fuel mix (kg CO2 e)	-15,861	-233	-20,832	-353	-12,737	-275
Scope 3	Electricity transmission & distribution (all offices and stores)	1,596	23	2,110	36	2,271	49
Scope 3	Commuting - Private vehicles	95,021	1,397	54,851	930	61,217	1,319
	Communting - Public transport					4,133	89
Scope 3	Homeworking	1,348	20	7,073	120		
Scope 3	Business travel - Air	23,830	350	24,289	429	58,585	1,263
Scope 3	Business travel - Hire and private road vehicles	5,911	87	2,527	43	3,797	82
Scope 3	Business travel - Taxi	461	7	557	9	385	8
Scope 3	Business travel - Public transport	313	5	267	5	435	9
Scope 3	Business travel - Hotels	4,277	63	1,574	27		
Scope 3	Goods out transport	4,543	67	2,159	37	5,626	121
Scope 3	Water usage	67	1				
TOTAL		140,260	2,063	99,432	2,063	191,998	3,296

For more information, please visit **www.viperinnovations.com/csr/**

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