

Carbon Reduction Plan

Supplier name: Vysiion Ltd

Publication date: 13th October 2023

Commitment to achieving Net Zero

Vysiion Ltd is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2019	
Additional Details relating to the Baseline Emissions calculations.	
<i>Baseline year</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	170.43
Scope 2	415.30
Scope 3 (Included Sources: Indirect emissions from transport; Upstream transportation and distribution; Waste; Business travel; Commuting; Downstream transportation and distribution)	314
Total Emissions	899.73

Current Emissions Reporting

Reporting Year: 2022 IOS 14064-1:2018 Location based methodology (tCO ₂ e)		Reporting Year: 2022 IOS 14064-1:2018 Market based methodology (tCO ₂ e)
EMISSIONS	TOTAL (tCO ₂ e)	TOTAL (tCO ₂ e)
Scope 1	143.98	143.98
Scope 2	803.62	34.50
Scope 3 (Included Sources: Indirect emissions from transport; Upstream transportation and distribution; Waste; Business travel; Commuting; Downstream transportation and distribution) Additional sources included in 2022: accommodation and working from home with heating.	385.29	385.29
Total Emissions	1332.89	563.77

Emissions reduction targets

From our baseline year, we have dramatically improved data capture, company knowledge and understanding. As a growing company we are clearly seeing an increase in emissions, following a change of ownership and subsequent business strategy, the return to normal operations after the CoViD pandemic, a 25% increase in staff numbers and the inclusion of further emissions categories.

We understand market-based reporting and have ensured purchased electricity at our 3rd party data centres are on a green tariff, meeting the GHG Protocol (GHG).

Over the last few years, we have monitored the emissions growth without the intervention of offsetting to enable a realistic picture. We have continued to look at sustainability within our departmental functions and have made reductions in some areas, and as mentioned above, we have used the market base methodology for our Scope 2 emissions.

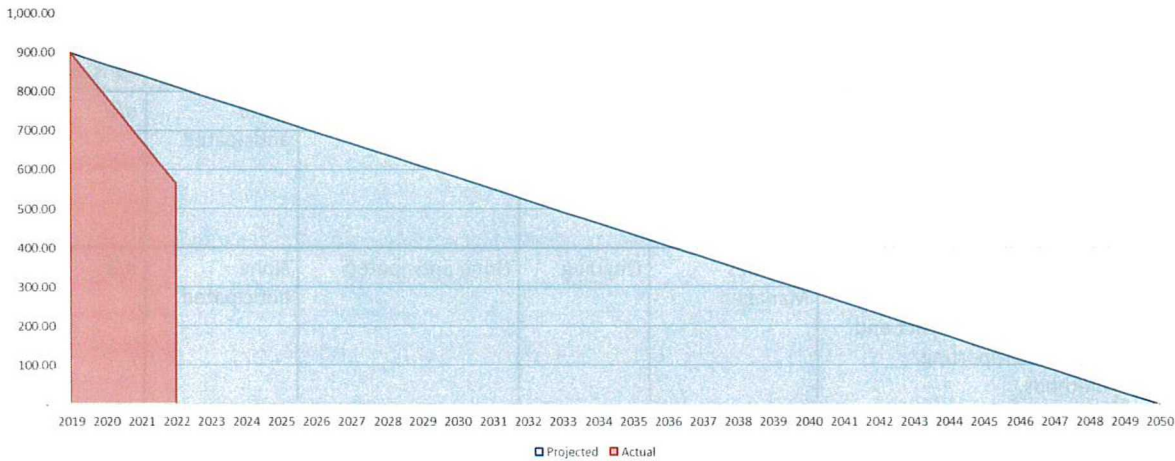
With the continuing company growth trajectory (and growth in related emissions), we will be looking at the offsetting route over the coming years.

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

We project that carbon emissions (market-based) will decrease over the next five years to 500 tCO₂e by 2028. This is a reduction of 44% compared to base year.

Progress against these targets can be seen in the graph below: (Market-based Methodology only).

Carbon Reduction vs. Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

Environmental management systems adapted are ISO14001, ISO 14064-1.

Completed and future projects:

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Langley Park electrical emission reduction	Working with landlord to influence green energy supply - looking into building improvements.	Facilities Manager		Wider site emission reductions for other businesses.	None anticipated	n/a
Fuel Reduction	Salary sacrifice EV Car Scheme	HR Manager	Ongoing	Wider fuel emission reduction - employee as well as business	None anticipated	n/a
IT Technical Resource efficiencies	Reconfiguration of IT Technical Team to new building where they can work and build, saving back and forth travel time to customer site to build	Facilities Manager / Programme Manager	Ongoing	Greater team building, reduce stress due to reduced travel	None anticipated	n/a
Fuel reduction	Trial hybrid vehicles in some areas of the business where practical.	Procurement Manager	Ongoing	None anticipated	None anticipated	n/a
Fuel reduction	To review fleet on an annual basis with a long term goal of electrification of fleet when the marketplace has a suitable milage range and infrastructure. Trial hybrid pool car 2023/24.	Procurement Manager and Fleet Administrator	Ongoing	None anticipated	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Emission reduction	Review our environmental policies and procedures within our supply chain annually to make improvements.	Procurement Manager and QHSE Manager	Ongoing	None anticipated	None anticipated	n/a
Raising awareness and understanding	Engage the wider business to improve understanding of environmental impact and improved reporting methods.	Facilities Manager	Ongoing	None anticipated	None anticipated	n/a
Electricity emission reduction	Energy saving week - information on reducing energy whilst working from home to be included in the Take-5 bulletin (pages 23 & 24) & energy saving christmas gifts in Innovate.	Facilities Manager	1/12/2022	reduction in office electricity	None anticipated	n/a
Emission reduction	Relaunch of bike to work scheme.	HR Manager	1/11/2022	Improved employee health and fitness	None anticipated	n/a
Electricity emission reduction	To review data centre providers and their electricity management, in particular sources of electricity.	Procurement Manager	1/10/2022	None anticipated	None anticipated	n/a
Office heating and cooling efficiency	Review heating and cooling systems. Replace old radiator and air conditioning systems with an energy efficient temperature control system.	Facilities Manager	1/09/2022	None anticipated	None anticipated	n/a
Fuel reduction	Following a commuting review we will install a minimum of 2 EV charging points. 5 pod point units installed.	Facilities Manager	1/06/2022	None anticipated	None anticipated	n/a
Workshop efficiency	Replace workshop roller shutter door and install pedestrian door to prevent heat loss.	Facilities Manager	1/05/2022	None anticipated	None anticipated	n/a
Workshop efficiency	Replace workshop lighting with more energy efficient lights.	Facilities Manager	1/05/2022	None anticipated	None anticipated	n/a
Plastic Waste Reduction	Replace 18L bottled water cooler with mains supplied water chiller.	Facilities Manager	1/12/2021	Reduction in manual handling risks	None anticipated	n/a
Improve data capture	Review and improve data capture for milage expenses.	Finance Transactions Manager	1/11/2021	None anticipated	None anticipated	n/a
Reduction in commuting	Introduction of a hybrid working policy and increased home working contracts (initially introduced due to the CoViD pandemic, but will continue for many departments where work can be done remotely).	HR Manager	1/05/2021	Improved work life balance Reduced stress due to long commutes	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Waste Segregation	Introduced recycling of batteries and separated waste.	Facilities Manager	1/04/2020	Better waste segregation will improve recycling rates.	None anticipated	n/a
Fuel reduction	Review travel arrangements to site. Vehicle share for field service engineers.	Projects Director	1/12/2019	None anticipated	None anticipated	n/a
Plastic Waste Reduction	Remove all plastic cups and replace with glasses and water bottles.	Facilities Manager	1/10/2019	None anticipated	None anticipated	n/a
Emission reduction	Replace old Mitsubishi L200 with a more economic vehicle.	Procurement Manager and Fleet Administrator	1/09/2019	None anticipated	None anticipated	n/a

Declaration and Sign Off

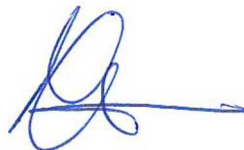
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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

Signed on behalf of the Supplier:



Name: PETER CLAYTON Position: CEO

Date: 17/10/2023

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>

