

# Carbon Reduction Plan

Supplier name: Vysiion Ltd

Publication date: 13<sup>th</sup> December 2022

## 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.

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<i>Baseline year</i>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	170.43
<b>Scope 2</b>	415.30
<b>Scope 3 (Included Sources)</b>	314 Sub-Category 4 – Upstream transportation and distribution Sub-Category 5 – Waste Sub-Category 6 – Business Travel Sub-Category 7 – Commuting Sub-Category 9 – Downstream transportation and distribution
<b>Total Emissions</b>	899.73

## Current Emissions Reporting

<b>Reporting Year: 2021</b>	<b>Reporting Year: 2021</b>
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<b>IOS 14064-1:2018</b> <b>Location based methodology (tCO<sub>2</sub>e)</b>		<b>IOS 14064-1:2018</b> <b>Market based methodology (tCO<sub>2</sub>e)</b>
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Category 1</b>	<b>146.00</b>	<b>146.00</b>
<b>Category 2</b>	<b>791.55</b>	<b>44.08</b>
<b>Category 3</b> <b>(Included Sources)</b> Sub-Category 4 – Upstream transportation and distribution Sub-Category 5 – Waste Sub-Category 6 – Business Travel Sub-Category 7 – Commuting Sub-Category 9 – Downstream transportation and distribution	<b>128.30</b>	<b>128.30</b>
<b>Category 4</b>	<b>70.70</b>	<b>70.70</b>
<b>Total Emissions</b>	<b>1136.56</b>	<b>389.09</b>

## Emissions reduction targets

There was a change in ownership as the company was acquired by Exponential-e in March 2020, followed by a pandemic. As a result of the acquisition, financial reporting periods changed.

Emissions in most areas decreased with the exception of the below:

- an increase in use of third-party data centres and subsequent increase in electricity consumption.
- site installation teams worked throughout the pandemic. Due to social distancing reasons, travel to/from sites in shared vehicles had not been possible, resulting in an increase in fuel consumption.

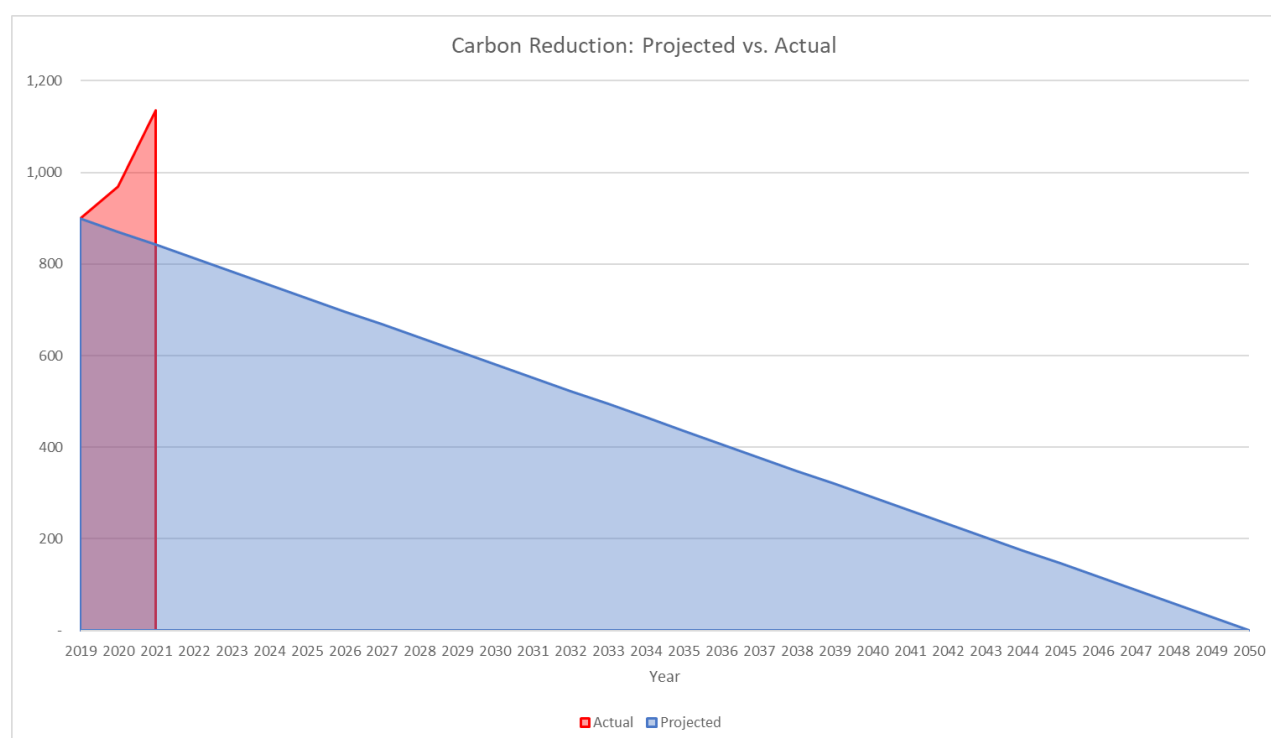
These have resulted in a 30% increase in absolute emissions and a 13% increase in emissions intensity (tCO<sub>2</sub>e/£Mgdp) since base year. This is mainly due to a change in business strategy resulting in an increase in Vysiion's data centre operations.

However, undertaking Market Based reporting approach, we have a revised figure of 318.38 tCO<sub>2</sub>e for scopes 1-3 and 389.09 for the total gross emissions in the reporting year. This has resulted in a 68% decrease in absolute emissions (categories 1 & 2) and a 59% decrease in emissions intensity (tCO<sub>2</sub>e/£Mgdp - all mandatory emission sources) since base year.

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

We project that carbon emissions (Location Based) will decrease over the next five years to **753.59** tCO<sub>2</sub>e by 2026. This is a reduction of **33%**

Progress against these targets can be seen in the graph below: (Location Based Methodology only)



## 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.

Undertaking a separate Market Based reporting.

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
Emission reduction	Introduction of bike to work scheme.	HR Manager	01/11/22	Improved employee health and fitness	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

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
	2022 - Current trial by Director with a company car.					
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.	Procurement Manager and Fleet Administrator	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
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
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

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Improve data capture	Review and improve data capture for mileage 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
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 standard<sup>1</sup> and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)<sup>2</sup>.

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) Standard<sup>3</sup>.

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

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

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

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

**Signed on behalf of the Supplier:**

*peter clapton*

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Date: .....

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## Document history



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