

Carbon Reduction Plan

Supplier name: Vysiion Ltd

Publication date: 24th November 2025

Reporting Year: 2024

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 Average: 2019-2021 (Location Based)	
Additional Details relating to the Baseline Emissions calculations.	
<i>Baseline was taken as an average over 2019, 2020 and 2021</i>	
Baseline emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	163.50
Scope 2	598.62
Scope 3 (Included Sources: Indirect emissions from transport; Upstream transportation and distribution; Waste; Business travel; Commuting; Downstream transportation and distribution)	239.75
Total Emissions (tCO₂e)	1001.88

Current Emissions Reporting

Reporting Year: 2024 IOS 14064-1:2018 Location based methodology (tCO ₂ e)		Reporting Year: 2024 IOS 14064-1:2018 Market based methodology (tCO ₂ e)
EMISSIONS	TOTAL (tCO ₂ e)	TOTAL (tCO ₂ e)
Scope 1	170.08	170.08
Scope 2	1020.36	42.57
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.	404.05	404.05
Total Emissions (tCO ₂ e)	1594.49	616.71

Emissions reduction targets

We are actively enhancing our data capture processes to improve accuracy and coverage across all relevant scopes.

The carbon reduction projects and initiatives outlined in this plan have been reviewed and approved and reflect our most up-to-date commitments toward achieving net zero. As we continue to refine our emissions data and complete full scope assessments, we will assess our carbon footprint in relation to business activities, including normalising emissions against revenue and operational metrics.

Year on year, we have continued to improve our data capture methods. This has naturally resulted in an upturn in reported emissions in some areas, reflecting better visibility rather than an increase in actual emissions. It remains challenging to obtain full data sets from all suppliers; in cases where supplier data is not available, we have applied average shipment weights to estimate emissions, ensuring that our reporting remains as complete and consistent as possible.

We are currently exceeding the reduction target to reduce our Scope 1 and 2 greenhouse gas emissions by 42% by 2030 and approximately 65% by 2035 from our baseline, in line with the Science Based Targets initiative (SBTi) 1.5°C pathway.

Target name	Baseline period	Target date	Type of target (intensity or absolute)	Current performance (tCO ₂ e)	Current performance (%)	Comments
Reduce total category (Scope 1 and 2 emissions in compliance to Toitū Rule R6.4a	2019-2021	2050	Absolute	1190	56%	Net increase (location based)
Reduce category 3-6 Toitū programme (Scope 3) boundary emissions (supplementary to Toitū Rules)	2019-2021	2050	Absolute	404	68%	Net increase (location based)
Reduce total Scope 1 and 2 market based emissions in line with the Science Based Targets Initiative (SBTi) 1.5°C pathway.	2019-2021	2050	Absolute	213	-76%	Net decrease (market based) Exceeding (SBTi) reduction targets of 42% at 2030 and 65% at 2035
Achieve net zero by 2050 for Scope 1-3 (market based)	2019-2021	2050	Absolute	617	-19%	Net decrease (market based)

Performance against plan.

The Report

We are pleased to report a reduction of almost 4% in Scope 1 direct emissions compared to the previous year. Overall, absolute Scope 1 and 2 emissions increased by 2.6% between 2023 and 2024. This change reflects the evolving nature of our business operations, with a 4.6% increase in field-based activity (including materials delivery, labour, and travel) offset by a similar decrease in revenue from recurring service-based activities.

When comparing 2024 Scope 1 and 2 location-based data to the baseline year, we observe an increase of 36%, which aligns closely with the 40% growth in non-recurring (project based) revenue. This demonstrates a strong correlation between business activity levels, GHG emissions, and revenue, reflecting the operational trend between project delivery and service-based work.

Scope 2 and 3 indirect emissions rose by 4.4% year-on-year, primarily due to improved data quality and enhanced visibility of upstream activities. These figures now provide a more accurate representation of our operational footprint, particularly following ongoing improvements in the reporting of material and procurement-related emissions.

Electricity generation continues to represent the largest emissions source under the location-based reporting method. Power consumption in 2024 has increased by approximately 92% compared with the baseline year, driven by higher client kWh usage and the expansion of data centre operations through additional rented space.

However, as the majority of our electricity is procured from verified green energy sources, its impact is more accurately reflected under the market-based method, where these renewable credentials are recognised.

Under market-based reporting, fuel consumption remains the primary source of emissions and represents the second highest contributor under the location-based approach. This distinction reinforces the importance of maintaining dual reporting methodologies to fully understand and communicate our emissions profile, particularly in relation to energy procurement choices and their environmental implications.

Based on market-based calculations, Scope 1 and 2 emissions (tCO₂e) have decreased by approximately 6% compared with the previous year. Conversely, combined Scope 1, 2, and 3 market based emissions have increased by around 6%, reflecting both the operational shifts described above and the continued enhancement of data capture and reporting accuracy.

We are currently exceeding the reduction target to reduce our Scope 1 and 2 greenhouse gas emissions by 42% by 2030 and approximately 65% by 2035 from our baseline, in line with the Science Based Targets initiative (SBTi) 1.5°C pathway.

To manage the environmental impact effectively, Vysiion plan to offset emissions over the coming years. Vysiion are committed to a measured approach, closely monitoring growth and consumption data to ensure our offsetting efforts accurately reflect our expanding carbon footprint.

Market Based Methodology	2023	2024
EMISSIONS	TOTAL (tCO₂e)	TOTAL (tCO₂e)
Scope 1	177.10	170.08
Scope 2	48.17	42.57
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.	354.29	404.05
Total Emissions (tCO ₂ e)	579.56	616.71

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets:

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented.

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
Reduction in company vehicle fuel emission through alternative fuel source	Investigate Biodiesel	QHSE & Procurement	New initiative	Sustainable procurement	Cost	n/a
Carbon reduction through workwear supply chain (reduce, reuse, recycle)	Responsibly sourced and recycled workwear. Recycling of end-of-life workwear.	QHSE & Procurement	New initiative	Ethically sourced, reduced landfill of materials and increased durability (so longer life)	None anticipated	n/a
Enabled Meeting Rooms	Collaboration rooms for remote meetings with easy access to speaker and video systems	Facilities Manager / Internal IT Manager	New initiative	More efficient use of time and cost saving	None anticipated	n/a
Langley Park - JHFF Green Space	Green Space - Office Forest	Facilities Manager / Green Team Members	New initiative	Engaging and visible, modest carbon capture	None anticipated	n/a
Company Wide - Carbon Action Forum	Carbon Reduction ideas welcomed from all staff	Facilities Manager / Green Team Members	New initiative	Engaging and awareness	None anticipated	n/a
Company Wide - Carbon Usage Awareness	Awareness to all staff of usage and reduction plans	Facilities Manager / SLT	New initiative	Awareness to employees and non-experts, boost engagement	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Company Wide Carbon Credits	Assess and explore participation in certified offsetting initiatives, with a focus on projects in Blue Carbon Credits (marine and adjacent coastal environments – seagrass restoration) where possible.	Facilities Manager / Procurement Manager	New initiative	Makes offsetting relatable and in line with some customer initiatives	None anticipated	n/a
Group Green Team	A group of volunteers in the group, interested in green initiatives from litter picking to monthly eco tips and fix it ideas	Green Team	Ongoing	Engaging, awareness and team building	None anticipated	n/a
Langley Park C17 HVAC locations	Following the proposed restructure of C17 workshop/Lab, to review and relocate HVAC units giving greater efficiencies.	Facilities Manager / Engineering Manager	Partially complete	Greater comfort for employees	None anticipated	n/a
Langley Park JHFF Heating	Working with the landlord to replace old wet heating system and old AC units to proposed HVAC system. Proposed 2024/25.	Facilities Manager	Ongoing	Greater comfort for employees	None anticipated	n/a
Langley Park electrical emission reduction	Working with the landlord to influence green energy supply - looking into building improvements.	Facilities Manager	Ongoing	Wider site emission reductions for other businesses.	None anticipated	n/a

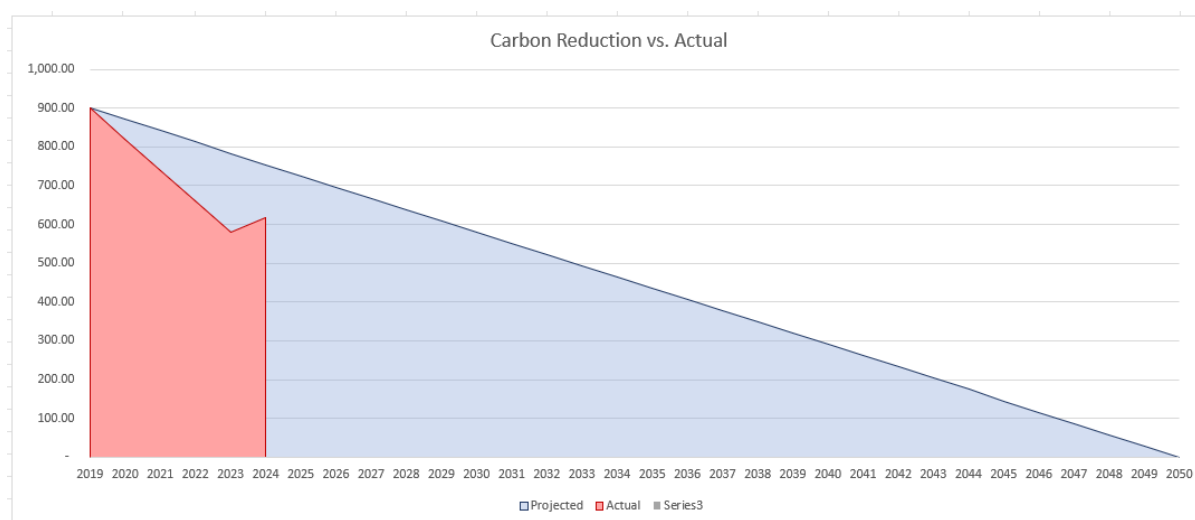
Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Fuel Reduction	Salary sacrifice EV Car Scheme. Promoted each November at Company Benefits Day.	HR Manager	Ongoing	Wider fuel emission reduction - employee as well as business	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 mileage range and infrastructure. Leased vehicle has changed to a 3-year refresh programme. Trial hybrid pool car 2026/2027.	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
Fuel Reduction	Review pool fleet, with the goal of removing the diesel vehicle in 2024. Completed	Procurement Manager	1/10/2024	Fuel cost saving	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Reduce transport and accommodation emissions generated from New Starter Induction at London Office	Review new starter induction process with a view to changing day one induction location to employee's local office, rather than parent company office in London. Completed and was moved to a 3-day induction with only one day at HO.	HR Manager	1/02/2024	More efficient use of time and cost saving	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	1/11/2023	Greater team building, reduce stress due to reduced travel	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.	Facilities Manager	1/09/2022	None anticipated	None anticipated	n/a

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
	Replace old radiator and air conditioning systems with an energy efficient temperature control system.					
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 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

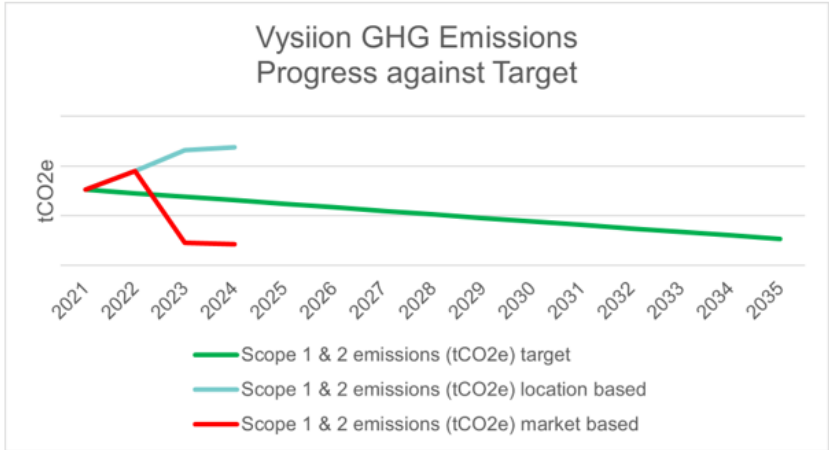
Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Waste Segregation	Introduced recycling of batteries and separated waste.	Facilities Manager	1/04/2020	Better waste segregation will improve recycling rates.	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

The graph illustrates our market-based carbon reduction figures, showing an increase due to enhanced data capture methodologies. While this uptick reflects improved accuracy in tracking emissions, it positions us to drive more effective and targeted reductions moving forward. With these insights, we are now better equipped to refine strategies and achieve more substantial progress in our carbon reduction goals.



Carbon Reduction – Actual (Market Based) v’s Plan to net Zero.

Whilst Vysiion’s progress against its market-based GHG emissions targets is positive, we acknowledge that location-based emissions across all scopes remain above target levels. We are committed to implementing targeted reduction measures and improving our data accuracy and energy management practices to bring these figures in line with our longer-term net zero objectives.



Performance (market based and location based) against target since baseline average.

Declaration and Sign Off

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

Emissions will be 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 will be reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan will be reviewed and signed off by the board of directors (or equivalent management body), following the audit of the data.

Name: Peter Clapton *peter clapton* Position: CEO

Date: 27 / 11 / 2025

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>

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