

# CARBON REDUCTION PLAN

**PPN06/21**

**Supplier name:** Auto Windscreens

**Publication date:** 14/02/2025

## COMMITMENT TO ACHIEVING NET ZERO

Auto Windscreens is committed to achieving Net Zero emissions (90% in line with SBTi) by 2045, from a 2021 baseline year which is aligned to the requirements of PPN06/21. To achieve this, an interim target to reduce emissions across all scopes by 42% by 2030 with an additional long-term target of reducing Scope 1 and 2 emissions by 100% by 2040 has been set. These two targets will assist us in achieving our goal of being Net Zero across all scopes by 2045.

We have a series of active projects and initiatives which supports our commitment to achieving Net Zero. In addition, we have reviewed and are taking action to reduce emissions related to our own supply chain, covering the full scope of emissions under the GHG Protocol, this approach goes beyond the scope of PPN06/21.

Our commitment to reducing our environmental footprint is reflected in our association with EcoVadis, in which we are assessed and our sustainable business operations recognised as part of Markerstudy Group. Further, we are actively participating in the Science Based Targets initiative (SBTi), setting ambitious carbon reduction goals to keep global warming below 1.5°C. Our commitment to EcoVadis and SBTi along with our dedication to transparent reporting and continuous improvement, showcase our commitment to sustainability.

Our carbon reduction plan detailed in this report showcases our commitment to transparent reporting and our dedication to accountability through our laid out targets and goals.

## BASELINE EMISSIONS FOOTPRINT

Reporting Year: January 2021 – December 2021		
Emissions		Total (tCO2e)
Scope 1		2,161.0
Scope 2		190.0
Scope 3	Purchased Goods and Services	10,155.8
	Employee Commuting (Inc. Homeworking)	1,106.0
	Upstream Transportation and Distribution	1,006.5
	Fuel and Energy Related Activities	540.73
	End-of-life treatment of sold products	446.0
	Waste Generated in Operations	26.0
	Business Travel	28.0
<b>Total Emissions (location based)</b>		<b>15,660.0</b>

The baseline year we are working against is our financial year 01/01/2021 – 31/12/2021. The emissions reported in the 2021 baseline reflect the greenhouse gases produced during this period, in alignment with the PPN06/12 guidelines for GHG emissions reporting. These baseline emissions serve as the reference point against which we will measure our future emissions reductions.

## CURRENT EMISSIONS FOOTPRINT

Reporting Year: January 2023 – December 2023		
Emissions		Total (tCO2e)
Scope 1		1,933.1
Scope 2		470.3
Scope 3	Purchased Goods and Services	20,141.4
	Upstream Transportation and Distribution	1,295.3
	Employee Commuting (Inc. Homeworking)	655.7
	Capital Goods	524.7
	Downstream Transportation and Distribution	465.0
	Fuel and Energy Related Activities	204.4
	Waste Generated in Operations	84.8
	End-of-life treatment of sold products	57.4
	Business Travel	37.9
<b>Total Emissions (location based)</b>		<b>25,870.0</b>

In 2023 we received an updated supplier factor that was significantly different to our estimations in previous years, leading to an overall increase in emissions when compared to our baseline year. Whilst this has significantly improved the accuracy of our carbon footprint, this has resulted in emissions growing beyond 5%. In line with SBTi guidance, we will therefore work to recalculate our base year emissions to ensure our footprint and targets remain accurate and transparent.

### **SCOPE 3 CARBON (VALUE CHAIN)**

Our scope 3 data is gathered and processed using our in house purchasing and finance systems and incorporates our spend against certain categories. As we progress on our Net Zero journey we expect to expand our data gathering activities to incorporate more categories detailed within the GHG Protocol, we currently include within the scope of PPN06/12:

- Employee commuting
- Business Travel
- Upstream Transportation & Distribution
- Downstream Transportation & Distribution
- Waste Generated in Operations

As well as the inclusion of Scope 3 GHG categories which go beyond the requirements of PPN06/21:

- Purchased Goods and Services
- Capital Goods
- End-of-Life Treatment of Sold Products
- Fuel and Energy-Related Activities

## EMISSIONS REDUCTION TARGETS

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

- **A reduction in emissions by 42% across all Scopes by 2030**
- **To reduce Scope 1 and 2 carbon emissions by 100% by 2040**
- **To become Net Zero by 2045 (achieving 90% reduction in emissions with SBTi)**

We align with Markerstudy Group's recent branding to make our ESG and Net Zero goals clearer. We have three pillars for our goals, "Our Planet, Our People, Our Responsibility" outlines clear outputs and measures. This approach covers the three ESG pillars: Environment, Social, and Governance. Within the 'Our Planet' foundation we have the following three metrics to ensure action is taken to achieve goals.



### CLIMATE ACTION

We are working with our colleagues and partners to tackle climate change and reduce the impact we have on our planet by



### NATURE PROTECTION

Be a force for good and take action to prevent the loss of natural habitats and diversity of life within our environment.



### RESPONSIBLE CONSUMPTION

Optimising efficient use of natural resources and reduce waste generation through reuse and recycle, with a focus on reduce.

Across Auto Windscreens, we have solidified our commitment to our Net Zero targets through the Science Based Targets Initiative (SBTi) aligning our targets to 1.5 degree warming scenario in line with what the latest climate science deemed necessary to meet the goals of the Paris Agreement.

Our overall approach to achieving Net Zero carbon follows a four-step process:

- Review - assess and improve processes, tools and systems for carbon emission data collection
- Reduce - implement energy and carbon reduction and efficiency measures to reduce energy demand
- Renew - identify and implement measures to increase generation and use of renewable energy
- Rebalance - offset the remaining balance of carbon following reduce and renew measures (with restrictions)

## **CARBON REDUCTION PROJECTS – COMPLETED CARBON REDUCTION INITIATIVES:**

In 2023, our automotive services business, Auto Windscreens, undertook several significant decarbonisation activities aimed at reducing our carbon footprint and promoting sustainability. These initiatives are part of our ongoing commitment to environmental responsibility and innovation. As part of the Markerstudy Group, Auto Windscreens has already demonstrated best environmental practices, as evidenced by achieving carbon neutrality with PAS2060 certification for 2023 with Markerstudy. As well as being ISO14001 certified, further underscoring our commitment to environmental management and sustainability.

### **Transport**

We initiated a trial to explore the use of Hydrotreated Vegetable Oil (HVO) as a sustainable alternative to traditional diesel fuel. This trial involved four of our fleet vehicles, which were operated using HVO. The objective was to assess the feasibility, performance, and environmental benefits of HVO in real-world conditions with the end result of the 12 month trial is estimated to have saved 80.5% in scope 1 and 3 emissions for those vehicles where HVO was used instead of diesel. Taking into account the biogenic emissions, the saving was 0.9% (Scopes 1, 3 and biogenic emissions) We have also trialled hydrogen with the goal of assessing low carbon alternatives that our most suited for our business operations before implementing a roadmap.

Our 'Green Parts' initiative involves using reusable vehicle parts instead of new for rectifications. Whilst this made up 0.5% of parts purchased for 2024, this is projected to increase going forward.

In our pursuit of reducing our emissions within Auto Windscreens set an ambitious target to electrify 40% of its fleet. By the end of 2024, we not only met this target but exceeded it by 12%. This achievement reflects our dedication to our ongoing transition towards and electric fleet, offering a cleaner and more sustainable mode of transportation.

### **Waste**

As part of our sustainability efforts, we have implemented a uniform recycling initiative aimed at reducing waste and lowering carbon emissions. Through this initiative, we successfully recycled old uniforms, preventing them from ending up in landfills; this resulted in an approximate saving of 19 kgCO<sub>2</sub>. Additionally, approximately 71 kgCO<sub>2</sub> has been saved through the purchase of sustainable cut-resistant gloves, further showing our commitments to the circular economy principles. Further, total waste emissions have reduced by 19% compared to 2022, with additional initiatives including for example 100% of glass being recycled.

### **Supply Chain**

Auto Windscreens commitment to sustainability extends to our supply chain, with 94% of suppliers having accepted Auto Windscreens' sustainable supply chain charter.

### **Buildings**

Following the Energy Savings Opportunity Scheme (ESOS) Phase 3, Auto Windscreens has reset HVAC schedules in their contact centres and instructed all network sites to set heating and cooling temperatures to industry standards, resulting in an estimated combined savings of 13tCO<sub>2</sub>e.

Auto Windscreens has committed to procuring 100% renewable electricity for all its operations. This transition to renewable energy sources ensures that our electricity consumption is entirely sustainable and significantly reduces our carbon footprint. Auto Windscreens has made substantial progress in upgrading lighting systems, with 21% of sites now fully equipped with LED lighting and 79% of sites having partial LED lighting installed by the end of 2024.

## **FUTURE PROJECTS**

Our dedicated Operational Carbon Working Group will accelerate the decarbonisation of our offices and operations. This group will focus on identifying and implementing innovative solutions to reduce our carbon emissions, including exploring renewable energy options and enhancing our waste reduction initiatives.

### **Disclosure and Accountability**

Markerstudy Group's targets, and consequently Auto Windscreens, are voluntarily aligned with Task Force on Climate-related Financial Disclosures (TCFD) guidance. Following this, we will establish the necessary structures to submit a comprehensive response, demonstrating our commitment to transparency and accountability in our climate-related financial disclosures.

### **Supply Chain**

Following the insights gained from our 2023 pilot programme into our 'Sustainable Supply Chain Programme'. We will roll out this programme, with the aims to create value for all stakeholders by ensuring our supply chain partners adhere to high sustainability standards.

### **Life Cycle Analysis**

We plan to perform our first Life Cycle Analysis (LCA) in 2025 on our glass products. This LCA will allow us to quantify the environmental impacts associated with a given product or service, giving us the granularity needed to make significant progress in decarbonising our value chain.

### **Buildings**

We aim to reduce heating system use by 7.5% per annum whilst transitioning all our sites to using green gas, contributing to our overall carbon reduction targets for 2040. This will be achieved through a combination of technological upgrades and behavioural best practices encouraged by our Net Zero Heroes.

### **Waste Management and Resource Conservation**

To continue our work already carried out on waste production and management, aims to increase recycling rates for various materials, targeting an ambitious 80% recycling rate by 2030 which will not only reduce waste but promote the sustainable use of resources that we have. To continue to reduce waste, we are looking to reduce water consumption across our operations by 35% by 2035.

To offset our current carbon footprint by invest in REDD+ (Reducing Emissions from Deforestation and Forest Degradation) projects. REDD+ is a framework set up by the United Nations to encourage developing countries to reduce emissions. The projects we will be investing in will focus on preserving forests and preventing deforestation.

## 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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.\*\*\*

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:



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Date: 20th February 2025

\* <https://ghgprotocol.org/corporate-standard>

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

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