



mcavoy

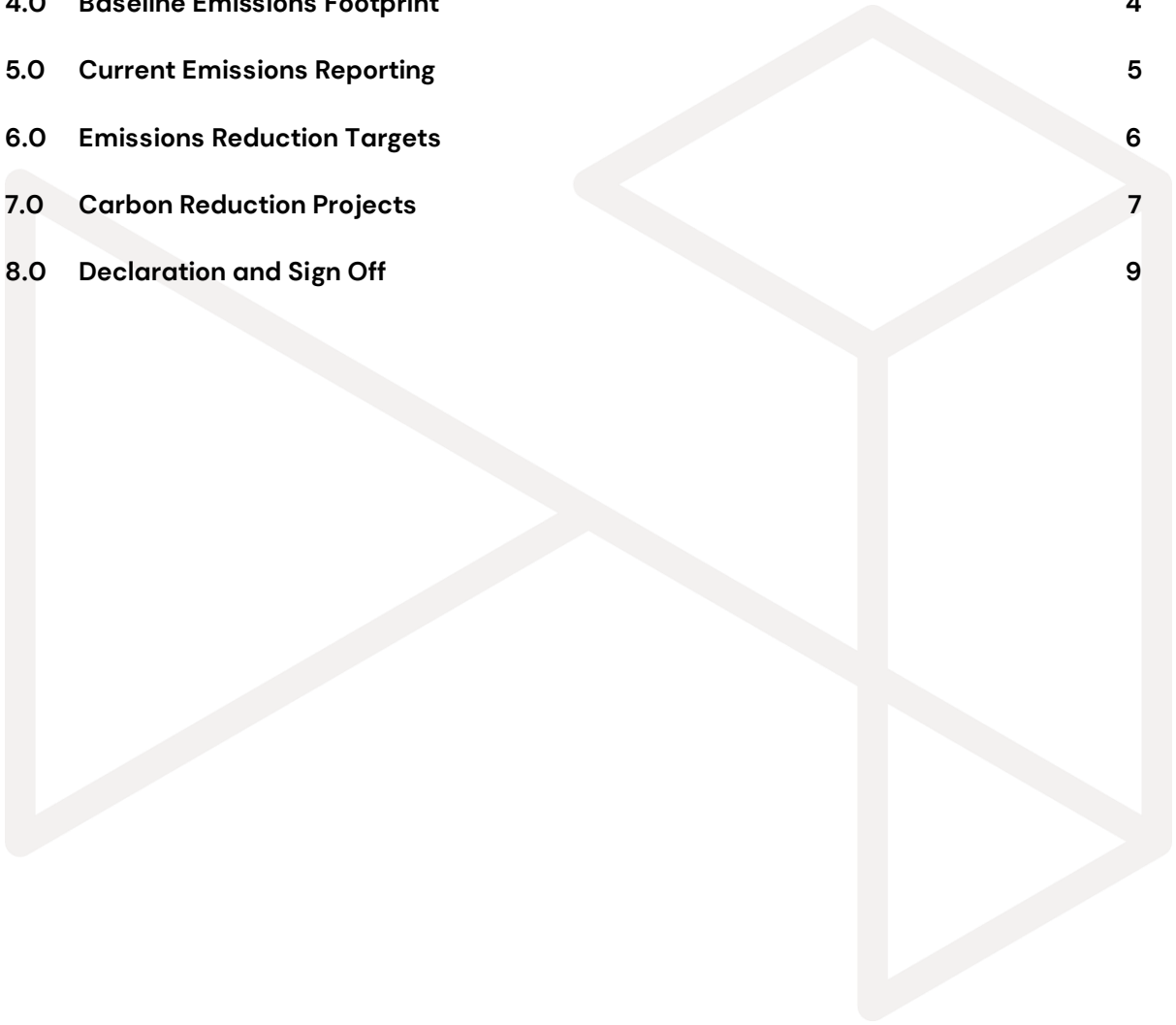


**PPN 06/21
Carbon Reduction Plan
15th September 2023**



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1.0 Supplier Name:

McAvoy Holdings Ltd (“McAvoy”) is a Private Limited Company, incorporated in Northern Ireland. Their registered address is 2 Ferguson Road, Knockmore Hill Industrial Estate, Lisburn, BT28 2FW. This plan covers all McAvoy operations.

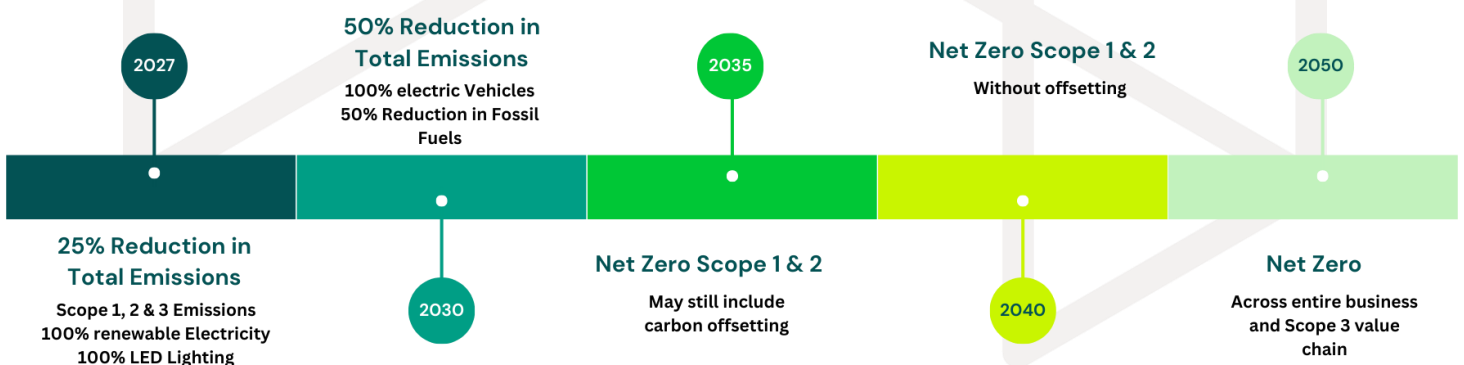
2.0 Publication Date: 15th September 2023

3.0 Commitment to Achieving Net Zero:

In 2019 the UK Government amended the Climate Change Act 2008 by introducing a target of at least a 100% reduction in the net UK carbon account by 2050. This has become commonly known as the ‘Net Zero’ target. In line with this, McAvoy are fully committed to playing their part and ensuring that their business achieves Net Zero by 2050.

McAvoy’s commitment to achieving Net Zero by 2050 is set out in its **“Net Zero Carbon Plan 2050”**. This outlines the company’s vision and strategy for achieving Net Zero across its entire value chain (Scope 1, 2 and 3) in line with the government’s Streamlined Energy & Carbon Reporting guidelines.

This Carbon Reduction Plan sets out the company’s vision and strategy for achieving Net Zero across its entire value chain (Scope 1, 2 and 3).



McAvoy employ the services of GM Energy Management, a consultancy providing carbon accounting and advisory services. GM Energy Management undertake a series of quality management checks in line with the requirements ISO 14064-1.

The emissions data contained within this CRP has been obtained in accordance with the GHG Protocol’s Corporate Standard and the corporate value chain (Scope 3) accounting and reporting standard. Emissions have been calculated using Department for Business, Energy and Industrial Strategy (BEIS) Conversion Factors for company reporting of GHG emissions.



4.0 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: 2021/22 (1 st June 2021 – 31 st May 2022)	
Additional Details relating to the Baseline Emissions calculations: The emissions reported below were quantified within McAvoy's 2021/22 Annual Energy & Carbon Report. That report was produced in accordance with the government's requirements for Streamlined Energy and Carbon Reporting (SECR). It was based on the 2013 UK Government environmental reporting guidance and also used the GHG Protocol Value Chain (Scope 3) Standard.	
Baseline Year Emissions: 2021/22 (1 st June 2021 – 31 st May 2022)	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	427.22
Scope 2	74.69
Scope 3	350.87 This figure includes the emissions from the required subset of 5 out of the 15 Scope 3 Categories (as identified within the Scope 3 – Corporate Value Chain Accounting & Reporting Standard). They are: <ul style="list-style-type: none">• Cat 4: Upstream Transportation & Distribution*• Cat 5: Waste Generated in Operations*• Cat 6: Business Travel• Cat 7: Employee Commuting*• Cat 9: Downstream Transportation & Distribution
Total Emissions	852.78



5.0 Current Emissions Reporting:

Reporting Year: 2022/23 (1 st June 2022 – 31 st May 2023)	
Additional Details relating to the Reporting Year calculations: The emissions reported below were quantified within McAvoy's 2022/23 Annual Energy & Carbon Report. That report was produced in accordance with the government's requirements for Streamlined Energy and Carbon Reporting (SECR). It was based on the 2013 UK Government environmental reporting guidance and also used the GHG Protocol Value Chain (Scope 3) Standard.	
Baseline Year Emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	251.98 (Baseline Figure – 427)
Scope 2	48.66 (Baseline Figure – 74.69)
Scope 3	231.02 (Baseline Figure – 350.87) This figure includes the emissions from the required subset of 5 out of the 15 Scope 3 Categories (as identified within the Scope 3 – Corporate Value Chain Accounting & Reporting Standard). They are: <ul style="list-style-type: none">• Cat 4: Upstream Transportation & Distribution*• Cat 5: Waste Generated in Operations*• Cat 6: Business Travel• Cat 7: Employee Commuting*• Cat 9: Downstream Transportation & Distribution
Total Emissions	531.66 (Baseline 852.78)

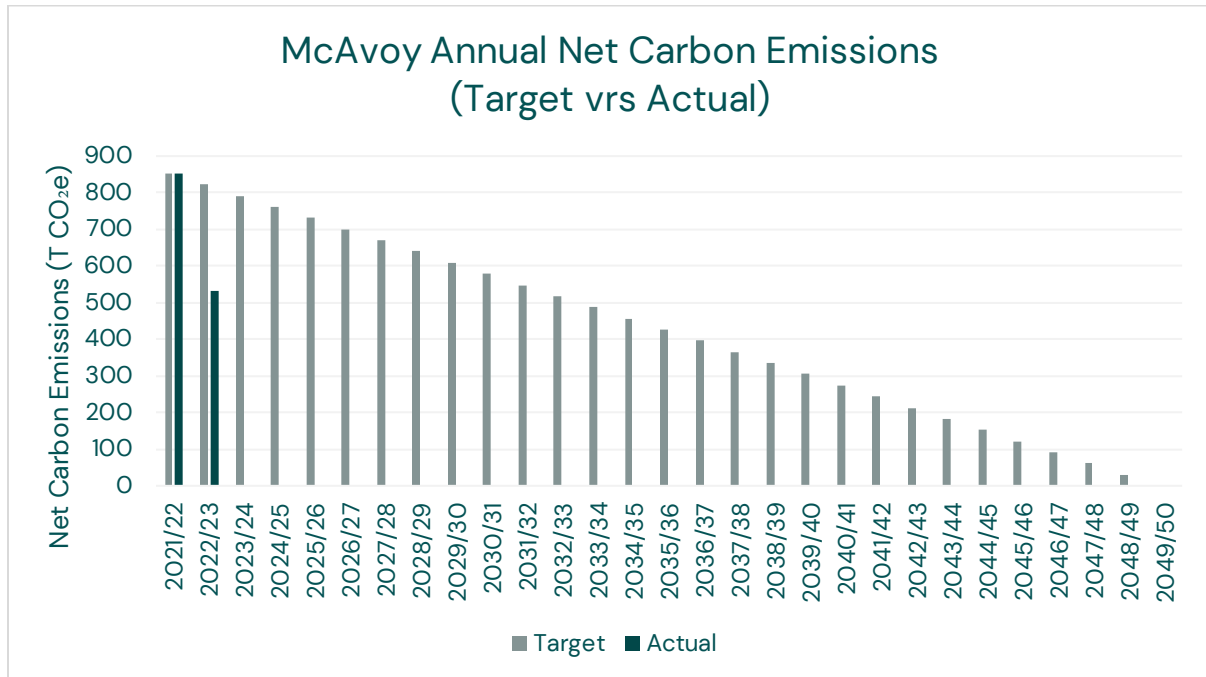
*Data includes estimates.



6.0 Emissions Reduction Targets:

McAvoy’s ultimate target is to achieve Net Zero emissions by 2050 (across the full value chain – scopes 1, 2 & 3).

To achieve this McAvoy’s are committed to reducing their total Net Emissions by 3.6% per year and maintain a minimum reduction of 18% by 2027.



During 2022/23 McAvoy’s operations resulted in the net emissions of **531.66 Tonnes CO₂e**. This represents a 37% reduction in total emissions from the 2021/22 Base Year, when the company’s net emissions were 852.78 Tonnes CO₂e.

In order to rationalise McAvoy’s emissions against business performance, a carbon intensity metric of ‘Tonnes CO₂e per £1 million turnover’ has been chosen. With a reported turnover of **£62.90m** during this reporting period, McAvoy’s carbon emissions intensity for 2022/23 was **8.45 Tonnes CO₂e/£m turnover**. This represents a 22% reduction in the company’s 2021/22 Base Year emissions of 10.86 Tonnes CO₂e/£m turnover.



7.0 Carbon Reduction Projects:

Performance to Date

In 2022/23 McAvoy won a number of awards for their approach to Net Zero. The most prestigious being 'Consideration of Net Zero using MMC' Construction Award at the inaugural Modern Methods of Construction Awards for the Merstham Park School project.

Winning this award was recognition of the hard work by McAvoy's team and all the project stakeholders to successfully deliver the 'Low Carbon Pathfinder' school. Using digital technology and Modern Methods of Construction enabled the reduction of the school's water demand by more than 30%, operational energy consumption by more than 73% and carbon emissions by almost 60% of the predicted regulated energy use. Low or Zero Carbon Technologies (LZCTs) also provide up to 44% of peak energy demand of the school.

In addition to this, a number of significant carbon saving initiatives have been delivered in the last year, including:

- Energy Champions were appointed to cover three key areas of the business:
 - Lisburn factory operations.
 - Company fleet and logistics.
 - Construction sites.
- 100% of the electricity supplied to McAvoy's Lisburn HQ and factory site was generated from renewable sources. This reduced McAvoy's Scope 2 emissions by an 59.4 Tonnes CO₂e.
- The phased replacement of diesel forklift trucks, with electric equivalents has continued.
- Two additional EV charging points were installed at Lisburn HQ.
- A standard, low carbon specification for all site accommodation was developed and issued to suppliers for all units installed after 1st January 2023.
- The phased roll out of LED lighting continued, with the target of 100% LED throughout McAvoy sites by 2025.



Plans for Future Carbon Reduction

Lead by our Carbon Management Team, McAvoy's are committed to delivering the following carbon saving initiatives:

- Further develop the depth and accuracy of the company's Scope 3. In particular:
 - Investigate the viability of automated reporting systems.
 - Develop an inhouse, employee commuting reporting system.
 - Engage with key suppliers to improve the accuracy of Upstream Transportation & Distribution reporting and eliminate the need of estimating.
- Investigate feasibility of renewable energy systems, both in company premises and construction sites.
- Commission detailed Energy Audit of the company's construction and manufacturing facilities to identify additional energy saving opportunities.
- Further develop reporting systems for embodied carbon and subcontractor reporting.
- Engage with supply chain partners on sustainable procurement practices.
- Roll out Carbon Literacy training to McAvoy employees.
- Continue to reduce total carbon emissions by a minimum of 3.5% per annum against 2021/22 Base Year.



8.0 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.

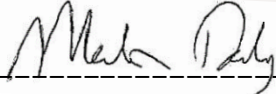
Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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 director with responsibility for ESG.

Name: Martin Daly

Position: Chief Finance Officer

Signed: 

Date: 29th September 2023

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

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

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