

Medinox (London) Limited

Carbon Reduction Plan for UK PPN 06/21

Supplier name: Medinox (London) Limited

Publication date: 15th January 2024

Commitment to Achieving Net Zero

- ✔ Medinox (London) Limited is committed to reducing GHG emissions to Net Zero by 2035, for Scope 1 and Scope 2.
- ✔ Medinox (London) Limited is committed to achieving Net Zero GHG emissions by 2045, for Scope 1, 2 and Scope 3.

Baseline Emissions Footprint

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

Baseline Year: 2023	
<p>This report establishes Medinox (London) Limited's carbon footprint and relates to the carbon emissions across operations of their Head Office in London, UK. Medinox (London) Limited's carbon footprint baseline reporting period was from the 1st January 2023 until the 31st December 2023.</p> <p>The accompanying report focused on Scope 1 emissions (direct emissions) and Scope 2 emissions (indirect emissions) emitted by Medinox (London) Limited.</p> <p>The data was provided by Medinox (London) Limited and calculated by 5D Net Zero in accordance with the UK Government Greenhouse Gas (GHG) Conversion Factors for Company Reporting, and meeting ISO 14065 Standard. The measurements below have been rounded to the nearest hundredth decimal place.</p>	
Baseline year emissions period: 1 st January 2023 to 31 st December 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	3.50 t.CO ₂ e
Scope 2	0.47 t.CO ₂ e
Scope 3	To be calculated and reported in June 2024.
Total Emissions	3.97 t.CO₂e

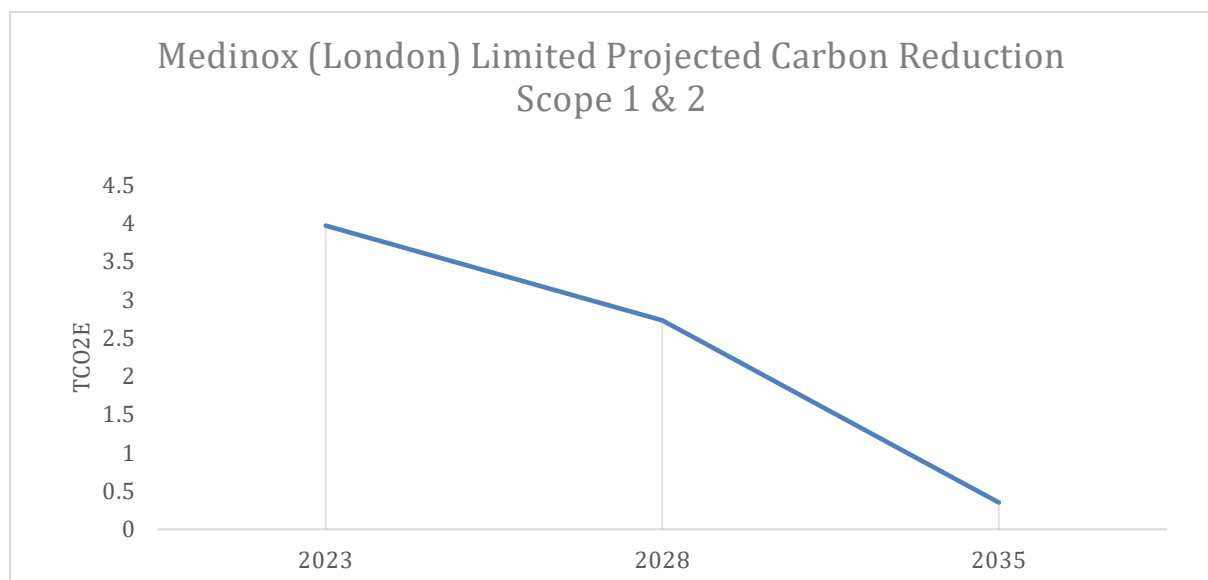
Emissions Reduction Targets

To achieve Net Zero operational emissions, at Medinox (London) Limited we have set the following carbon reduction targets:

- ✔ Reduce Scope 1 & 2 carbon emissions by approximately 90% by 2035.
- ✔ Achieve Net Zero GHG emissions by 2045, for Scope 1, 2 and Scope 3.
- ✔ Offset remaining emissions through verified international carbon removal schemes.

We predict our core operational carbon emissions will decrease over the next 5 years to 2.73 tCO₂e, a total reduction of 21.93%. This is 11.93% from the transition to a renewable tariff and 10% from energy efficiency measures.

The projected reduction targets can be seen in the graph below:



Carbon Reduction Projects

Proposed Carbon Reduction Initiatives

For the initial year of targeted reduction, the following environmental management measures and projects will be carried out as part of the work to reduce the 2023 baseline.

The carbon emission reduction achieved by the proposed schemes equates to a minimum of 3.18 tCO₂e, a 2% reduction against the 2023 baseline and the measures will be in effect when reviewing our Carbon Footprint annually.

SCOPE 1

Medinox (London) Limited's Scope 1 emissions were the largest area of emissions. These emissions originated from gas consumption from a boiler and a single company-owned car. Short-term measures will focus on behavioural change to reduce these, as significant investment from the company is required for initiatives like transitioning to an electric vehicle.

I. Fuels (LPG)

Short-Term Initiatives

- ✔ Implement regular maintenance on the gas boiler to ensure it runs as efficiently as possible.
- ✔ Optimise office heating efficiencies through measures such as radiator reflectors and draft-proofing measures.
- ✔ Behavioural changes implemented, including turning off the boiler when not needed and setting optimal heating temperatures.
- ✔ Staff engagement exercises to educate staff on new behavioural change measures.

Medium-Term Initiatives

- ✔ Install smart heating controls to allow for temperature management and scheduling.
- ✔ Install heat recovery systems to improve energy efficiency.
- ✔ Investigate the possibility of using alternative fuels such as biofuels.

Long-Term Initiatives

- ✔ Transition to cleaner fuels or technologies, such as biofuel or solar thermal systems.

II. Vehicles (Petrol)

Short-Term Initiatives

- ✔ Review vehicle usage to identify possible usage reduction,
- ✔ Initiate a behaviour change program for unnecessary journeys:
 - Encourage driver behaviour for fuel efficiency,
 - Encourage vehicle sharing,
 - Encourage the use of public transport for business travel,
 - Use virtual communication platforms where possible to reduce emissions from commuting between offices,
- ✔ Research the possibility of switching to a zero-emissions fleet.

Medium-Term Initiatives

- ✔ Promote and expand sustainable commuting practices across the group.

Long-Term Initiatives

- ✔ Adopt zero-emission vehicles into the company car fleet by 2035,
- ✔ Install charging points in company car parks where possible.

SCOPE 2

Scope 2 was Medinox (London) Limited's smallest scope for emissions, accounting for 11.93% of our total core operational emissions. However, with 100% occurring from the UK grid electricity, this is a clear area for reduction.

I. UK Electricity

Short-Term Initiatives

- ✔ Encourage small cultural and behavioural changes to reduce electricity usage and wasted energy where possible:
 - Provide energy efficiency training,
 - Split light switched across offices to reduce wasted energy,
- ✔ Research available renewable energy tariffs and contact possible suppliers,
- ✔ Research the possibility of installing renewable energy production on site.

Medium-Term Initiatives

- ✔ Switch to renewable energy tariff by 2028.

Long-Term Initiatives

- ✔ Generate own energy where possible, by installing solar panels on privately owned buildings by 2040.

Expanding to include Scope 3

To develop our understanding of our emissions, we are looking to include a baseline scope 3 in next year's reporting. These 5 categories are:

- ✔ Upstream Distribution
- ✔ Downstream Distribution
- ✔ Waste
- ✔ Commuter Miles
- ✔ Business Travel.

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 use 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. When the required subset of Scope 3 emissions is reported they will be 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 Medinox (London) Limited:



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Date: 15 January 2024

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>