

Pro-Lab Diagnostics

is committed to achieving net zero emissions by 2050 when we plan to have reduced our emissions by 100%.

Baseline Emissions Footprint vs Current Emissions Footprint

Baseline emissions are a record of the greenhouse gasses 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.

Emission Scope	Baseline Emissions, 2022 (kg CO2e)	Current Emissions, 2022 (kg CO2e)
Scope 1	19,352	19,352
<i>Sites **</i>	9,729	9,729
<i>Company Cars</i>	9,623*	9,623*
Scope 2	12,295	12,295
<i>Sites **</i>	12,295	12,295
Scope 3	454,397	454,397
<i>Sites **</i>	75	75
<i>Home Working</i>	2,241	2,241
<i>Company Cars</i>	3,731*	3,731*
<i>Employee Owned Vehicles</i>	1,242*	1,242*
<i>Employee Commuting</i>	15,477*	15,477*
<i>Public Transport & Hire Cars</i>	1,374	1,374
<i>Air Travel</i>	1,043*	1,043*
<i>Hotels</i>	1,736	1,736
<i>Freighting Goods</i>	427,268	427,268
<i>Waste Disposal</i>	209	209
Total	486,044	486,044

** Generated from renewable sources

10,131

10,131

* includes WTT

The Scope 3 emissions include as a minimum:

- Upstream transportation and distribution
- Waste generated in operations
- Business Travel
- Employee Commuting
- Downstream transportation and distribution

(any omissions or further information is documented in the Additional Details About our Emissions and Targets box below)

Carbon Reduction: Projected vs Actual

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next years to 0 by 2050 this is a reduction of 100%



Additional Details About our Emissions and Targets

Year	Comments
2022	Delivery Vehicles - We do not own any delivery vehicles so no value to add.

Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or have been completed since the 2022 baseline.

Actions In Progress

Petroleum-based foam kit inserts

Target Completion Date: 31/12/2023

Objective

Instead of using petroleum-based foam kit inserts we now use recyclable cardboard ones.

Target

To use recyclable kit inserts instead of petroleum - based ones

Action, Improvement or Control

We will now use recyclable kit inserts instead of petroleum - based ones once old stock has been depleted

Revamped kit packaging

Target Completion Date: 31/12/2023

Objective

Re design the packaging to make it a more compact design which takes up less space, less material to create the packaging and a lower carbon footprint due to less space required during shipping

Target

Revamped kit packaging which resulted in a more compact design (thus using less material overall, less space required in fridges and lower carbon footprint due to less space required during shipping)

Action, Improvement or Control

This was achieved in house and the revised packaging will be used once old stock has been depleted

Electricity - Lighting and general use

Target Completion Date: 31/03/2024

Objective

To reduce the amount of energy used by the organisation in relation to lighting and general office use

Target

To reduce the lighting costs by 4% in a year

Action, Improvement or Control

Change all lighting to LEDES. Office has been completed. Warehouse to be completed soon Replace high energy rated appliances with lower energy rated versions

Introduction of hybrid car models

Target Completion Date: 31/12/2023

Objective

Replacement of company vehicles with hybrid models as leases become up for renewal.

Target

To have a full fleet of hybrid models in our car pool

Action, Improvement or Control

As soon as the old petrol leases on the outstanding cars expire we will and have replaced with hybrid models

Air Hand Dryers

Target Completion Date: 31/12/2023

Objective

To replace old hand dryers to air hand dryers in our UK office

Target

These will use alot less energy than the ones in place at present

Action, Improvement or Control

Install by the end of the year

Replaced wooden mixing sticks with paper mixing sticks

Target Completion Date: 31/12/2023

Objective

To replace wooden mixing sticks with paper mixing sticks (recyclable)

Target

For all wooden missing sticks to be replaced with paper mixing sticks in future production

Action, Improvement or Control

This action has been completed in house and once old stock has been depleted the new paper mixing sticks will be in use

Completed Actions

Declaration and Sign Off

This carbon reduction plan has been completed in accordance with PPN 06/21 and the 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 GHC Reporting Protocol corporate standard ¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting ².

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 of directors (or equivalent management body).

Mark Reed

General Manager

Name

Job Title



31/08/2023

Signed on behalf of the Supplier

Date

*The methodology used to calculate the organisation's greenhouse gas emissions in this report is based on:
<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>*

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>