

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
Sites **	9,729	9,729
Company Cars	9,623*	9,623*
Scope 2	12,295	12,295
Sites **	12,295	12,295
Scope 3	454,397	454,397
Sites **	75	75
Home Working	2,241	2,241
Company Cars	3,731*	3,731*
Employee Owned Vehicles	1,242*	1,242*
Employee Commuting	15,477*	15,477*
Public Transport & Hire Cars	1,374	1,374
Air Travel	1,043*	1,043*
Hotels	1,736	1,736
Freighting Goods	427,268	427,268
Waste Disposal	209	209
Total	486,044	486,044

** Generated from renewable sources

* 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 LEDS. 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).

<div></div> <div>Name</div>	<div></div> <div>Job Title</div>
<div></div> <div>Signed on behalf of the Supplier</div>	<div></div> <div>Date</div>

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>*