



**G&N**

# G&N Laboratory Ltd. Carbon Reduction Plan 2024

**Supplier name:** G&N Laboratory Ltd.

**Publication date:** 22<sup>nd</sup> March 2024

**Commitment to achieving Net Zero**  
G&N Laboratory is committed to achieving Net Zero emissions by 2045  
CRP URL: [www.gandn.com/sustainability](http://www.gandn.com/sustainability)



## Baseline emissions footprint

### Baseline year:

December 2019 – November 2020

### Additional details relating to the baseline emissions calculations:

Our 2019 data includes a more limited set of Scope 3 emissions. Waste generated is included from 2021/22 when our supplier began recording weights collected. In 2019/20 the company had no direct employees and so no business travel or commuting. Data reported is for UK emissions only. Data reported is for UK emissions only.

### Baseline year emissions:

EMISSIONS		TOTAL (tCO <sub>2</sub> e)
Scope 1		0.69
Scope 2		9.28
Scope 3 sources included		9.49
	4. Upstream transportation and distribution	0.00
	5. Waste generated in operations	0.00
	6. Business travel	0.00
	7. Employee commuting	0.00
	9. Downstream transportation and distribution	0.00
Total emissions:		<b>19.46</b>



## Current emissions reporting

Reporting year:

December 2022 – November 2023

Current emissions:

EMISSIONS		TOTAL (tCO <sub>2</sub> e)
Scope 1		0.26
Scope 2		0.53
Scope 3 sources included		17.4
	4. Upstream transportation and distribution	4.83
	5. Waste generated in operations	0.41
	6. Business travel	5.22
	7. Employee commuting	6.94
	9. Downstream transportation and distribution	0.00
Total emissions		<b>18.19</b>

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#### Commentary on reporting methods:

To effectively address carbon emissions across our operations, we've implemented a meticulous approach tailored to the unique revenue ratios of Griffiths and Nielsen Ltd, and G&N Laboratory Ltd. We've segmented our data for Scope 1, 2, and 3 emissions, with a notable exclusion of business travel data, which is allocated directly to the respective company.

For upstream emissions, we've transitioned to utilizing real-world data provided by trusted third-party sources wherever available. This enables us to accurately assess our environmental impact and make informed decisions.

To refine our assessment of Scope 2 emissions, we've introduced a systematic process involving meter readings over a four-month period. By extrapolating these readings, we generate a comprehensive yearly estimate. Moving forward, we're committed to enhancing our data collection by obtaining monthly meter readings, ensuring precise measurement of kilowatt-hour (KWH) usage and eliminating the need for predictions or extrapolations.

Furthermore, we've refined our approach to commuting emissions to more accurately reflect the travel patterns of employees working under both companies. In this regard, we've allocated commuting data based on a 75:25 revenue ratio corresponding to each company, ensuring fairness and accuracy in our assessments.



## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- We are targeting the achievement of zero emissions in the Scope 1 and Scope 2 categories by 2028.
- We are targeting a reduction of 15% in our included Scope 3 emissions in the next 4 years from our 2022 levels.
- We project that carbon emissions will decrease over the next four years to 6.1 tCO<sub>2</sub>e by November 2027. This is a reduction of 36% on 2022 levels.

## Summary of Targets

### Scope 1 and Scope 2 emissions

- **Target:** Achieve zero emissions by 2028.
- **Progress:** Significant reductions have been made, with a reduction of 62.32% in Scope 1 emissions and 94.28% in Scope 2 emissions from baseline levels.

### Scope 3 emissions

- **Target:** Reduce included Scope 3 emissions by 15% from 2022 levels within the next 4 years.
- **Progress:** While there has been an increase of 83.35% in Scope 3 emissions, this is attributed to improved data recording methods. Efforts are underway to achieve the targeted reduction.

### Total carbon emissions

- **Target:** Projected decrease in carbon emissions to 6.1 tCO<sub>2</sub>e by November 2027, indicating a reduction of 36% from 2022 levels.
- **Progress:** The current total tCO<sub>2</sub>e stands at 18.19 tCO<sub>2</sub>e, reflecting a notable reduction from baseline levels.

Overall, there have been significant strides in reducing Scope 1 and Scope 2 emissions, with ongoing efforts to improve data accuracy and achieve the targeted reduction in Scope 3 emissions. The projected decrease in total carbon emissions demonstrates a commitment to sustainability goals. Continued focus on implementing efficiency measures will be essential in meeting these targets and advancing toward our zero-emission objectives by 2028.



## Carbon reduction projects

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 5.7 tCO<sub>2</sub>e, a 29% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

- Switching warehouse lighting to LEDs
- Investing in on-line training resources for customers to reduce business travel
- A campaign to promote the use of virtual meetings, where suitable

In addition we have completed the following initiatives that sit outside the subset of Scope 3 emissions reported.

- Installing equipment to convert waste cardboard into box fill material to eliminate the use of plastic bubble wrap – 0.25tCO<sub>2</sub>e p.a
- Introducing a range of clinical waste and sharps containers made from recycled plastic.
- Implemented an ISO 14001:2015 Environmental Management System.

In the future we hope to implement further measures such as:

- Installing Solar PV in our warehouse.
- Reduce Paper usage in the office by optimising invoice processing



## 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:*

**Giles Griffiths, CEO**

22nd March 2024