

# Carbon Reduction Plan

Supplier name: Ophardt Hygiene Ireland Ltd.  
Publication date: 27 March 2026

## Introduction

Our company's core mission is to improve health and well-being through the products and services we offer. We recognize that human and environmental health go hand-in-hand. This carbon reduction plan outlines clear, measurable actions to reduce our emissions and meet our climate neutral ambitions.

OPHARDT Hygiene Ireland Ltd. is part of the OPHARDT Hygiene Group of Companies. In 2019 we established a group-wide climate neutral commitment. OPHARDT Hygiene Ireland Ltd. is delighted to share our first Carbon Reduction Plan. In this plan we outline our progress toward achieving net zero emissions by 2045.

Our dedicated sustainability team includes site representatives that work together with the Global Sustainability Manager and Senior Management to implement sustainability strategies and achieve our net zero targets. Each plant maintains a clear, site-specific carbon reduction plan. These plans are reviewed regularly and supported by an annual budget to ensure momentum.

Sustainability is built into our products, operations, and procurement. We design and manufacture durable, high-quality products while integrating recycled materials wherever possible and validating them through rigorous testing. We invest in renewable energy projects and prioritize energy efficiency and conservation within our operations. We also prioritize local suppliers, where practicable, to lower supply-chain emissions. Our governance, budgeting, and procurement practices demonstrate that our carbon plans are actively managed and are already being implemented. Progress is monitored through routine reviews, with leadership oversight and defined accountability to keep projects on track.

## Commitment to achieving Net Zero

OPHARDT Hygiene Ireland Ltd. is part of the OPHARDT Hygiene Group of Companies and is committed to and aligned with OPHARDT Hygiene's net zero ambition.

We are committed to reducing Scope 1 and 2 emissions by 2045. For the emissions we can influence within our supply chain (Scope 3), OPHARDT Hygiene Ireland Ltd. will reach net zero by 2050.

## 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: Calendar Year 2019**

**Additional Details relating to the baseline emissions calculations**

2019 is the year we use for calculating our baseline emissions. Emissions data has been calculated in line with the Greenhouse Gas Protocol's Corporate Accounting and Reporting Standard. 2006 IPCC Default Emission factors were used to calculate stationary combustion in manufacturing industries and construction, as well as for mobile combustion. Global Warming Potential for various greenhouse gases are based on AR6 100-year GWP. Location-based emissions were calculated using AIB's Residual Mixes and European Attribute Mix. Market-based emissions were calculated using Guarantees of Origin from suppliers. Where applicable, we used the UK Government emissions factors.

**Baseline year emissions:**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	125.76
Scope 2	Location-based: 607.56 Market-based: 0
Scope 3	Not calculated during this year
<b>Total Emissions</b>	<b>733.32</b> (incl. Scope 1 and location-based Scope 2 emissions) <b>125.76</b> (incl. Scope 1 and market-based Scope 2 emissions)

**Current Emissions Reporting**

**Reporting Year: Calendar Year 2025**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	81.71
Scope 2	Location-based: 377.12 Market-based: 0
Scope 3	
Upstream T&D	<b>15.49</b>
Waste	<b>11.14</b>
Business Travel	<b>8.79</b>
Employee Commuting	<b>83.52</b>
Downstream T&D	<b>5.73</b>
<b>Scope 3 Total</b>	<b>124.68</b>
<b>Total Emissions</b>	<b>583.58</b> (incl. Scope 1, location-based Scope 2, and Scope 3 emissions) <b>206.46</b> (incl. Scope 1, market-based Scope 2, and Scope 3 emissions)

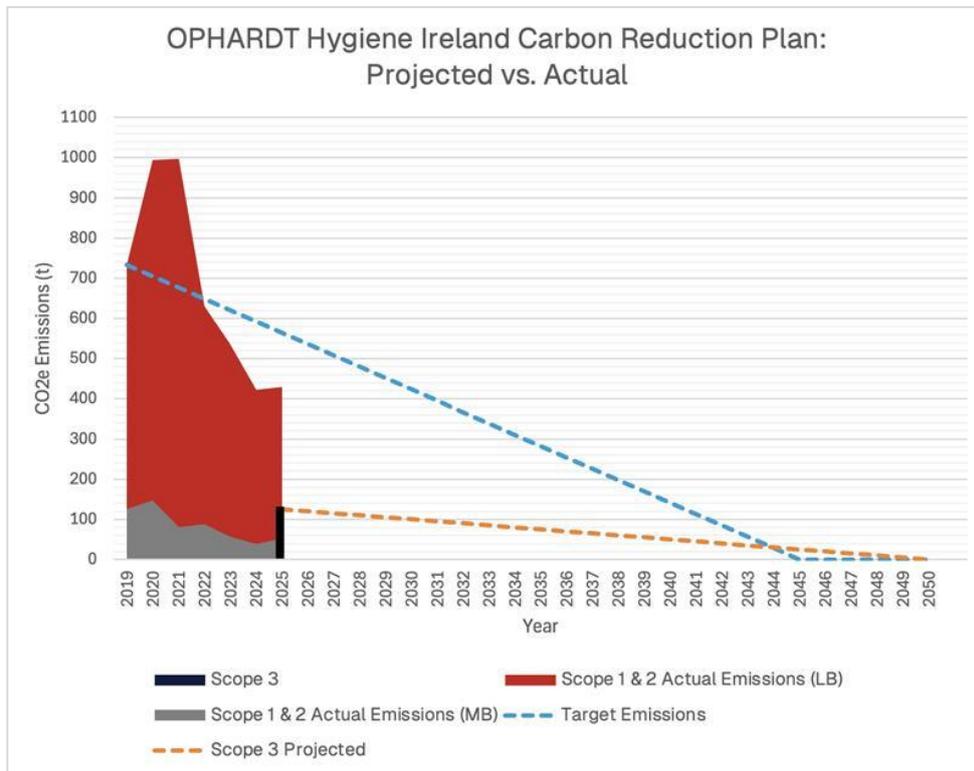
### Emissions reduction targets

Since formally announcing our net zero commitment in 2019, we have measured GHG emissions across our company and have delivered tangible reductions — we are proud to report that compared with 2025 data, OPHARDT Hygiene Ireland has reduced combined Scope 1 and 2 emissions by 37% from our 2019 baseline year. The peak shown in 2019-2020 in the graph below reflects our increased output during the COVID-19 pandemic. To meet the significant surge in demand for hand hygiene dispensers and pumps, we rented additional manufacturing and warehousing space to unleash a 2.5-fold increase in product output.

We project that our Scope 1 emissions will decrease over the next five years to 22 tCO<sub>2</sub>e by 2031. This is a reduction of 83% over our 2019 baseline. We project our combined Scope 1 and (location-based) Scope 2 carbon emissions will decrease over the next five years to 275 tCO<sub>2</sub>e by 2031. This is a reduction of more than 60% over our 2019 baseline.

We project that our Scope 3 emissions will decrease 20 tCO<sub>2</sub>e over the next five years to 105 tCO<sub>2</sub>e by 2031. This will be a reduction of more than 15% of our 2025 baseline.

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### **Completed Carbon Reduction Initiatives:**

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these measures will be in effect when performing the contract:

- Transition of our main source of space heating from propane to biomass, using locally sourced wood pellets derived from sawmill by-products; completed in 2020.
- Installation of two 100 kWp solar PV installations, capable of producing a combined total of more than 140,000 kWh annually; completed in 2022.
- Commitment to transition our fleet of vehicles to electric power, through our Policy for Fleet Electrification, published in 2025. To date, 50% of our passenger vehicles, and 75% of our forklifts are electric.
- Installation of one electric car charging station, which will be increased to four car charging stations by year end.
- Implementation of upgraded software programs to reduce need for travel, encouraging staff to use video conferencing where possible.
- Purchase of Guarantees of Origin for the entirety of our purchased electricity.
- Operation with only LEDs since 2018, including sensor and lumen-based lighting where appropriate.

### **Future Carbon Reduction Initiatives:**

- Installation of 80 kWp solar PV system on main building, and 30 kWp solar PV system on our secondary building.
- Transition remaining space heating in buildings to heat pumps or other renewable sources; beginning in 2026.
- Complete transition of remaining fleet of vehicles to electric (passenger vehicles, commercial vehicles, and powered industrial vehicles), by 2031.
- Upgrade compressor to achieve greater efficiency; expected in 2026.
- Upgrade factory insulation and insulation around our warehouse loading bay.
- Replace backup generator with batteries.
- Continue integration of recycled materials into manufactured products.
- Enhance reporting and reduction capabilities through software upgrades.
- Partner with waste authorities to enhance recycling program.
- Partner with our supply chain to reduce scope 3 emissions and support our net zero goal.
- Seek community-corporate partnerships or energy cooperatives for local renewable energy projects.
- Invest in high-quality carbon off-setting projects for any remaining emissions past our net-neutral target date.

## Declaration and Sign Off

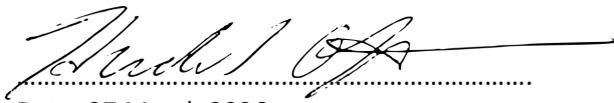
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> 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<sup>2</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of OPHARDT Hygiene Ireland Ltd.:

A handwritten signature in black ink, appearing to read "David O'Connell", is written over a horizontal dotted line.

Date: 27 March 2026

---

<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://ghgprotocol.org/standards/scope-3-standard>