Carbon Reduction Plan

Supplier name

Laerdal Medical Ltd

Publication date

09/11/2026

Commitment to achieving net zero

Laerdal Medical AS is committed to achieving net zero emissions by 2050. This commitment, as set out in the parent company's Carbon Reduction Plan (CRP), explicitly applies to and has been adopted by Laerdal Medical Limited as the UK bidding entity. The CRP confirms that the net zero commitment applies to UK operations, including Laerdal Medical Limited. 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: 2019

Additional details relating to the baseline emissions calculations:

- Laerdal's climate accounting follows the **GHG Protocol** and includes Scope 1, Scope 2, and most relevant Scope 3 categories, with 2019 as the base year.
- Emissions are reported from **cradle to customer site**, covering products, operations, logistics, travel, waste, and other key activities.
- Some Scope 3 categories are not yet included due to data limitations, including employee commuting, product use, end-of-life treatment, and downstream leased assets.
- The methodology prioritizes **supplier-specific LCA data** where available and compliant with the GHG Protocol and ISO standards.
- Additional data sources include **Ecoinvent**, **UK Government emissions factors**, and the **Figaro database** for economic modelling and spend-based calculations.
- Two calculation approaches are used: **activity-based** (physical quantities such as kWh, weight, distance) and **spend-based** (financial expenditure).
- Laerdal is actively shifting from spend-based to activity-based methods to improve accuracy.
- The report acknowledges uncertainties caused by data gaps and limited supplier-specific emissions data.
- An action plan is in place to collect more supplier data and reduce calculation uncertainty over time.
- The methodology has been reviewed by external experts, who concluded that methodological consistency and control are more important than adding complexity.
- More details regarding our methodology: Microsoft Word - Laerdal Medical AS climate accounting methodology
- More details on annual tCO2e: Our Goals for Sustainability - Sustainability | Laerdal Medical

Baseline year emissions: 2019

Emissions	Total (tCO2e)
Scope 1	1337
Scope 2	4130
Scope 3 (included sources)	80196
Total emissions	85663

Current emissions reporting

Reporting year: 2025	
Emissions	TOTAL (tCO2e)
Scope 1	2338
Scope 2	3559
Scope 3 (included sources)	72698
Total emissions	78595

Emissions reduction targets

To continue our progress to achieving net zero, we have adopted the following carbon reduction targets.
Our 2030 target is to reduce carbon emissions in scope 1-2 by 70% absolute and to reduce scope 3 emission by 70% relative. As laid out on p. 18 in our 2025 sustainability report: Laerdal Sustainability Report - 2026 by Laerdal Medical - Flipsnack

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

Some examples:

1. Solar power installations at our US and Chinese production facilities as well as our (scope 2 reduction)

2. ISCC (International Sustainability Carbon Certification) PLUS certification of our Stavanger, Norway, production facility (first certification 2025, re-certified in 2026), leading to substantial emission reduction for purchased plastics materials (scope 3 reduction).

3. Introduction of detailed Life Cycle Assessment tool for physical products which gives insights into reduction opportunities.

4. Shift from plastic to carbon boxes for many our products (scope 3 reduction)

5. Reduction of electronic cables and adapters that are shipped with products (scope 3 reduction)

6. Introduction of manikin takeback program in the US. Early results prove safe re-cycling of 13mt of plastics and 160kgs of batteries. This program is ongoing.

The carbon emission reduction achieved by these will be in effect when performing the contract.

Completed local carbon reduction initiatives

Laerdal Medical Limited has implemented the following environmental management measures and carbon reduction projects within its UK operations.

These UK initiatives include:

1. Solar panels at the UK head office: Installed solar panels generate renewable electricity on site, reducing reliance on purchased grid electricity. Using this electricity within the office helps reduce the carbon emissions associated with its electricity consumption.
2. Electric and hybrid company car fleet: The UK company car fleet comprises electric or hybrid vehicles, supporting lower-emission business travel. Fully electric vehicles produce no tailpipe emissions, while the fuel consumption and emissions benefits of hybrid vehicles depend on how they are driven and, where applicable, charged.

3. Workplace electric vehicle charging: Charging points are available at the UK office to encourage and support the use of electric vehicles. Access to workplace charging makes electric vehicles a more practical option for staff and supports the use of electric company cars.
4. Paperless office: UK office processes are managed digitally rather than through paper-based documents. This reduces paper consumption, printing requirements and associated waste, helping to reduce demand for paper and printing consumables.
5. Office recycling points: Recycling points are provided throughout the UK office to encourage staff to separate recyclable materials from general waste. This supports material recovery and helps reduce the amount of office waste sent for disposal.
6. UK simulator take-back scheme: Simulators are taken back from customers and dismantled to recover reusable spare parts. Recovered parts can support the repair and continued use of other equipment, reducing the need for new replacement parts. Parts that cannot be reused are recycled, supporting material recovery and reducing waste.

These UK initiatives support our ongoing approach to reducing operational emissions, conserving resources and minimising waste, and will remain in place during contract delivery.

Future carbon reduction initiatives

Alongside the UK initiatives already implemented, the wider Laerdal group hopes to implement further measures such as:

- Change to marine bio-diesel for all sea transport (2026-2027)
- Reduction of air freight
- Modularisation of physical products

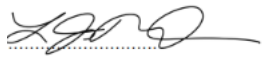
Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 (where required), 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: 

Date: 9/11/27……