

Carbon Reduction Plan

Supplier name: Advanced Sterilization Products (ASP)

Publication date: July 2025

Commitment to Reduced Emissions

ASP is committed to supporting Fortive’s goal to reduce Scope 1 & 2 GHG emissions by 50% in 2029 from 2019 levels. The Scope 1 & 2 GHG reduction goal is aligned to SBTi and the Paris Agreement. We will continue to explore emission reduction opportunities beyond the 2029 target year.

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.	
<p>We do not have baseline year data for Fortive or ASP for Scope 3 emissions as we are yet to have a Scope 3 reduction target. Fortive has completed a relevancy assessment and calculated relevant Scope 3 emission for 2024, reported to CDP. We will continue this process of disclosure for 2024 reporting year and beyond.</p> <p>The values that we are reporting are at a global level.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2019 Fortive Levels: 21,250 2019 ASP Levels: 1,517
Scope 2	2019 Fortive Levels (market based): 47,251 2019 ASP Levels (market based): 410
Scope 3 (Included Sources)	N/A (No Scope 3 related goal set)
Total Emissions	Fortive (Scope 1 + 2) = 68,501 ASP (Scope 1 + 2) = 1,927

Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (MtCO ₂ e)
Scope 1	Fortive Level: 13,769 ASP Level: 1,560
Scope 2	Fortive Level (market based): 33,485 ASP Level (market based): 330
Scope 3 (Included Sources)	Fortive Level: 495,595 ASP Level: 62,633
Total Emissions	Fortive Level (Scope 1 + Scope 2 market based) = 47,254 ASP Level (Scope 1 + Scope 2 market based) = 1,891

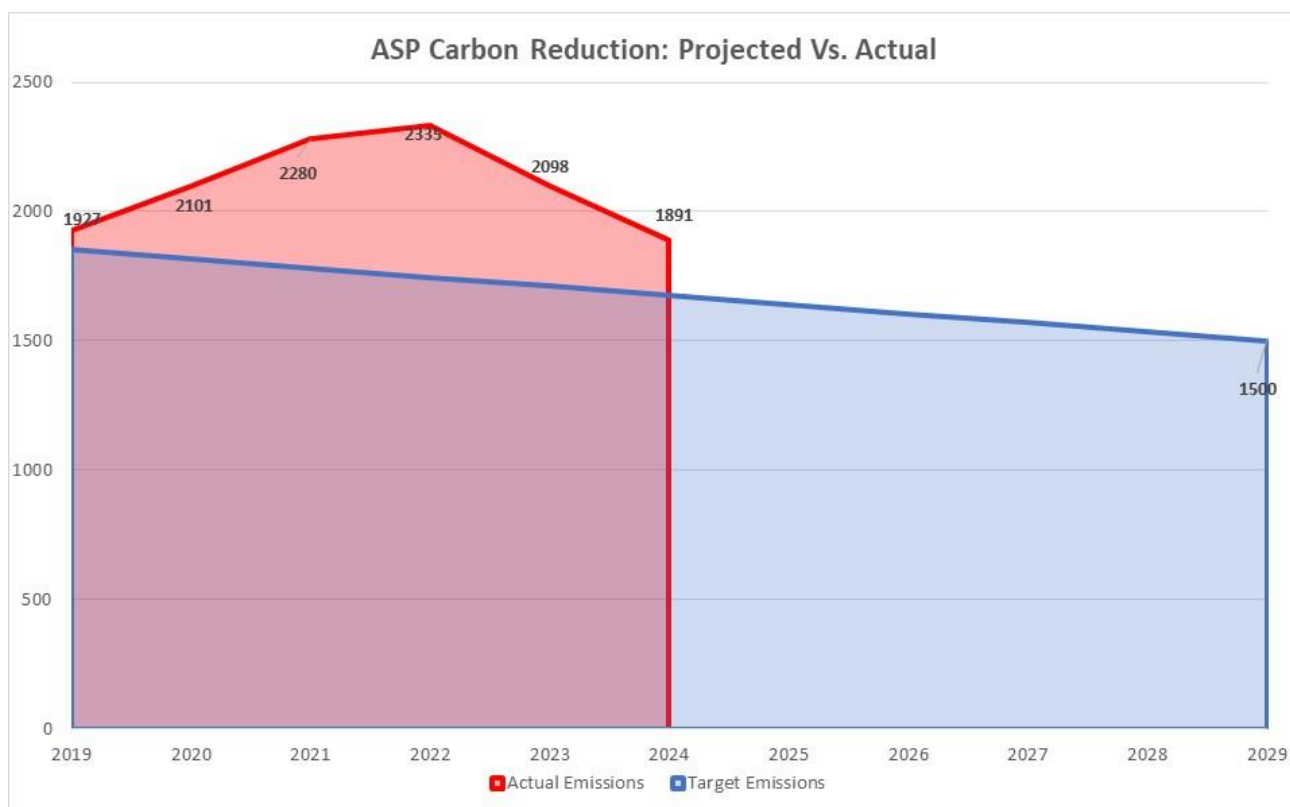
Emissions reduction targets

To continue our progress to reduce emissions, we have adopted the following carbon reduction targets:

We project that carbon emissions will decrease over the next five years to 1,500 tCO₂e by 2029. This is a reduction of 23% from 2019 baseline. ASP is committed to reduce Scope 1&2 GHG emissions by at least 5% each year since 2023 with target of 23% reduction by 2029.

In 2024, we focused on identifying ways to reduce Scope 3 emissions throughout our supply chain by deepening our understanding of our value chain partners’ GHG risks and opportunities and engaging key vendors to identify opportunities for continuous improvement in upstream carbon emissions. We are further evaluating our Scope 3 emissions profile following the separation of our Precision Technologies businesses.

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



**In the above graph, Actual Emissions values reflect our Scope 1 + Scope 2 location based emissions for the particular year

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 and future schemes will equate to 1,500 tCO₂e, a 23% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

Carbon reduction initiatives implemented in our Schaffhausen site:

Year 2019:

- 37% Scrap reduction (Reduce the destruction of raw materials, semi-finished and finished products) by optimization in the production area.

Year 2020:

- The outsert for the NX30 product has been made 1.6 g lighter. This means an annual saving in paper consumption of 1.64 t.

- 10 fewer reworks per year by implementing stronger foil for the products 100S and NX 30. This means that around 1 t of paper (in the form of sleeves and outserts) and around 70 kg of foil is saved annually.

Year 2021:

- A Kaizen Event was carried out to reduce hydrogen peroxide waste in the packaging area.

Year 2022:

- Reducing hydrogen peroxide waste in the packaging area by - 49% (- 33.4t) by implementing counter measures of the Kaizen event (which was carried out in 2021)
- Reducing power consumption by 5%:
 - Replacement of lamps with LED lighting
 - Elimination of leaks in the compressed air system
 - Decommissioning of the climate chambers in the basement.

Year 2023:

- Elimination of sleeves:
 - Reduction of ca. 45.5 t printed cardboard per year
- Elimination of air freight:
 - Change of supplier for foil from CCL USA to CCL Switzerland
 - Result: Reduction of ca. 58t CO₂ per year
- Elimination of compartments in the 100S/NX cases
 - Reduction of ca. 29.4 t cardboard per year
 - All fluorescent tubes according to LED lights -> reduction of consumption of electricity of -4.3% (-61 MWh)
- Irvine: 11% decrease in electricity usage compared to 2022

Year 2024:

- Provision of 2 electric charging stations at our plant for charging electric cars for our employees
- Installation of a PV system at our plant
- Reduction of electricity usage of 3.8% by implementing a new air compressor
- Reduction of hazardous waste at the packaging line by 4% as a result of KAIZEN improvements
- Reduction of paper waste by 14.8% through the elimination of leaflets in finished products
- Saving 85% of wood waste through pallet recycling
- Irvine completed (100%) LED lighting project for remainder of Campus
- Irvine completed campaign to reduce paper cup usage (Reusable Cups)
- Irvine implemented composting program for all organic materials
- Irvine saw a decrease in electricity usage of approximately 90% by 2024 Q4

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

Year 2025:

- Reduction of cardboard waste by 6.2 t/a
by shipping of semi-finished products in reusable plastic crates by a toll manufacturer
- Saving of 1.1 t/a printed paper with foil coating
by loss of approx. 330,000 outserts /a for special orders
- Savings of approx. 35 m³/a of softened water
by provision of a circular cleaning system for the manufacturing machines
- Irvine partnered with CLEAResult (energy efficiency and energy sustainability services) to identify building upgrades to decrease natural gas usage onsite. There is a projected 3-5% savings year over year.

Declaration and Sign Off 2025

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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).

Signed on behalf of the Supplier:

Signed by:
Filippo Faranda

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Signer Name: Filippo Faranda
Signing Reason: I have reviewed this document
Signing Time: 15-Jul-2025 | 12:48 AM PDT
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Date: 15.07.2025

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>