

Carbon Reduction Plan

Supplier name: Advanced Sterilization Products (ASP)

Publication date: March 2024

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 2022, reported to CDP. We will continue this process of disclosure for 2023 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: 21071 2019 ASP Levels: 1480
Scope 2	2019 Fortive Levels: 44759 2019 ASP Levels (location based): 372
Scope 3 (Included Sources)	N/A (No Scope 3 related goal set)
Total Emissions	Fortive (Scope 1 + 2) = 65830 ASP (Scope 1 + 2) = 1852

Current Emissions Reporting

Reporting Year: 2022 (2023 data will be obtained in April 2024, using 2022 until then)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	Fortive Level:15428 ASP Level: 1654.7
Scope 2	Fortive Level: 35692 ASP Level (Location-based): 479 ASP Level (Market based): 500.7
Scope 3 (Included Sources)	Fortive Level (Can be located on 2022 CDP filings): <i>Downstream and Upstream Transportation as well as Distribution: 66523</i> <i>Waste generated in operations: 2479</i> <i>Business travel: 11433</i> <i>Employee commuting: 24100</i> <i>Sum: 104535</i> ASP Level not available
Total Emissions	Fortive Level = 155655 ASP Level (Scope 1 + Scope 2 location based) = 2133.7

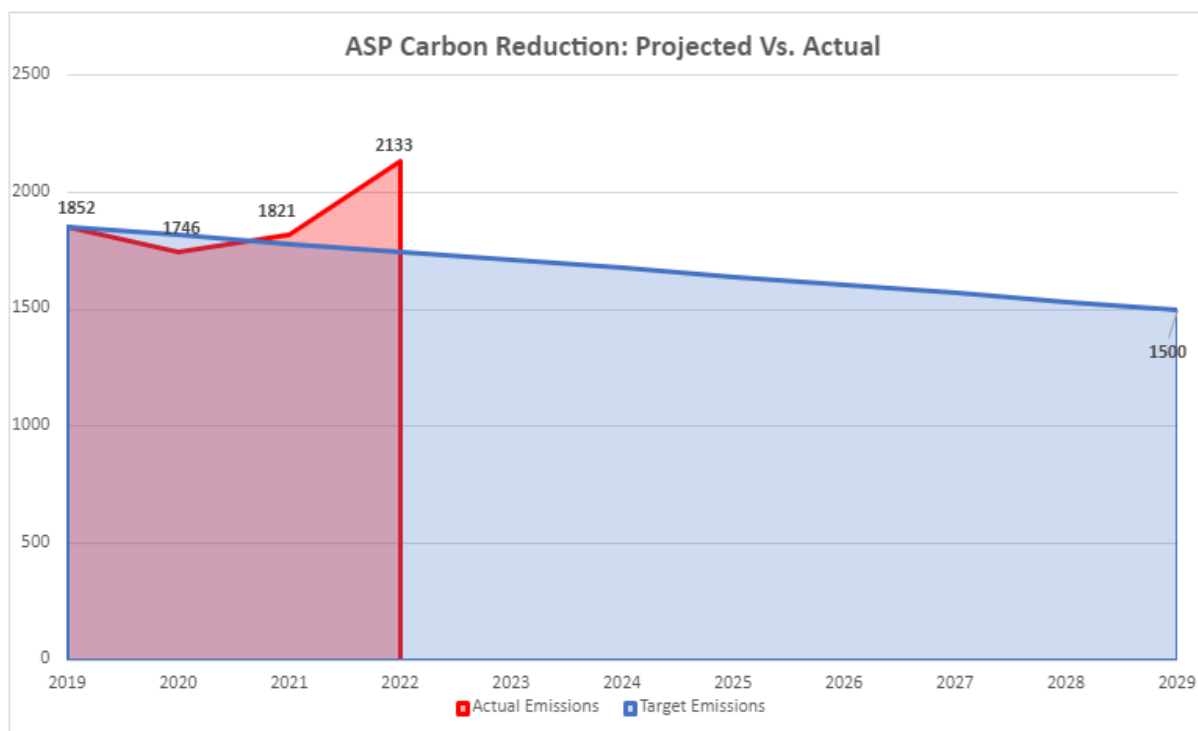
Emissions reduction targets

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.

We do not yet have a Scope 3 goal/target and 2021 was the first year Fortive began disclosing to CDP. Fortive has recently completed a Scope 3 relevancy assessment which will inform our efforts to evaluate possible Scope 3 reduction goals.

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 for reducing 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 LED lights -> reduction of consumption of electricity of -4.3% (-61 MWh)

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

Year 2024:

- Provision of electric charging stations at our plant for charging electric cars for our employees
- Verification of a project to install a PV system at our plant
- Reducing commercial waste by 3% through: Development and implementation of a concept for better waste separation involving visual management etc.

Declaration and Sign Off 2024


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:

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Ivo Aebischer Senior Director Global Manufacturing
.....
 Signer Name: Ivo Aebischer
Date: 07-Mar-2024 | 7:41 AM PST
Signing Reason: I approve this document
Signing Time: 07-Mar-2024 | 7:41 AM PST
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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>