



2024

CORPORATE CARBON FOOTPRINT REPORT





In line with its commitment to transparency and environmental stewardship, AFS has successfully completed its corporate carbon footprint calculation and reporting for the 2024 period. This study encompasses all direct and indirect greenhouse gas emissions (TS EN ISO 14064-1:2019) resulting from activities carried out between January 1, 2024, and December 31, 2024.

Key Performance Highlights (2024 vs. 2023)

The company achieved a notable reduction in its overall carbon footprint, demonstrating the effectiveness of its sustainability initiatives:

- **Total Carbon Footprint Reduction:** The total corporate carbon footprint decreased from 24,346 tons CO₂e in 2023 to 20,852 tons CO₂e in 2024.
- **Significant Scope 3 Decrease:** Emissions from the supply chain saw a substantial drop, decreasing from 10,676 tons CO₂e to 6,213 tons CO₂e.

Operational Efficiency: The Driver of Success

This year's reduction is primarily attributed to strategic improvements in operational efficiency and lean manufacturing practices:

- **Improved Raw Material Efficiency:** Despite the total purchased raw material quantity decreasing significantly (8,143.5 tons to 6,850 tons) the manufactured product output remained virtually the same (from 7,478 tons to 7,440 tons).
 - o This success means that the raw material required per unit of product, which was 2.2 units in 2022 and 1.09 in 2023, fell below 1 unit in 2024.
 - o This enhancement is credited to the successful implementation of lean production (5S) policies and waste reduction strategies, significantly decreasing the waste rate.
- **Logistics Emission Reduction:** The decreased demand for raw materials (Category 4) also resulted in a corresponding decrease in logistics and transportation emissions (Category 3).



Focus Areas and Forward-Looking Commitments

As previously stated, the focus for reduction efforts remains on the most significant contributors to the footprint:

- **Category 4 (Purchased Goods and Services):** Represents the largest share of 2024 emissions at **60.73%**.
- **Category 3 (Transportation and Logistics):** Represents **35.6%** of 2024 emissions.

AFS will continue to focus on raw material procurement and logistics to further drive down emissions in these high-impact categories.

Achieving Scope 2 Neutrality

We are proud to report a key sustainability milestone:

- **Scope 2 Emissions (Electricity) Neutralized:** Through the implementation of a rooftop Solar Energy System (GES) and the procurement of I-REC certificates, the entirety of our Scope 2 emissions (indirect emissions from imported electricity) for 2024 have been offset.
- **Result:** Our goal to achieve zero emissions under Category 2 has effectively been realized for the reporting period.

AFS remains committed to its continuous improvement philosophy, striving to achieve a better environmental performance year after year.



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