



# ENVIROMENTAL POLICY

Stand: 08.01.2025



**CHRISTIAN  
PFEIFFER**

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Policy written by the  
Sustainability Department

At Christian Pfeiffer Maschinenfabrik, we recognize our responsibility to minimize our environmental impact and contribute positively to the sustainability of our planet. As a leader in the manufacturing industry with operations in Beckum and Liezen, we understand that our activities have environmental implications. This comprehensive environmental policy outlines our commitment to sustainable practices, detailing the measures we are taking to reduce our carbon footprint, manage resources efficiently, and promote environmental stewardship.

This environmental policy applies to Christian Pfeiffer Maschinenfabrik GmbH in Beckum and Liezen. This policy will be reviewed every year.

# Christian Pfeiffer Maschinenfabrik GmbH

23.07.2021

Version 1.0

## Energy Consumption

The energy consumption includes natural gas and electricity. Christian Pfeiffer already operates with 100% renewable electricity, which is a significant step toward carbon neutrality. The commitment for Christian Pfeiffer is to reduce the consumption of natural gas for heating purposes and introduce a photovoltaic installation in the building.

**Quantitative Target.** A photovoltaic system will be installed to meet our electricity needs by 2030. Additionally, by that time, 10% of our gas consumption will be replaced with electricity through the implementation of a heat pump. Furthermore, the photovoltaic system will be integrated with a hydrogen production system to supply the heat treatment process in the workshop, with installation planned by 2040.

## Greenhouse gas emissions

The greenhouse gas emissions are reported in the Annual Carbon Assessment Report. The emissions are classified by Scopes (Scope 1,2,3) and Area (Office and Workshop). The targets of these emissions are detailed in the same document, a summary table is shown here.

Office Building	Base year (2024)	Target year (2030)	% SBT reduction
Scope 1 emissions (tCO <sub>2</sub> )	76,97	45,40	41,01%
Scope 2 location-based emissions (tCO <sub>2</sub> )	89,12	37,14	58,33%
Scope 2 market-based emissions (tCO <sub>2</sub> )	0	0	0
Scope 3 WB-2°C Scenario	207,8	155,8	25,00 %

Workshop	Base year (2024)	Target year (2030)	% SBT reduction
Scope 1 1.5°C Scenario (tCO <sub>2</sub> )	262,99	152,5	42,00 %
Scope 2 location-based 1.5°C Scenario (tCO <sub>2</sub> )	77,77	45,1	42,00 %
Scope 2 market-based 1.5°C Scenario (tCO <sub>2</sub> )	0	0	0
Scope 3 WB-2°C Scenario (tCO <sub>2</sub> )	36,87	27,7	25,00 %

These targets are based in the Science Based Targets (SBTi) methodology. The actions to achieve these targets are also described in the Annual Carbon Assessment Report.

## Product Carbon Footprint

We believe in transparency and accountability. Therefore, we are committed to providing our customers with the carbon footprint of our products. Each product will include detailed information about its carbon footprint, enabling customers to make informed decisions and understand the environmental impact of their purchases. For this action to be true we assess the supply chain of our raw material and energy carriers.

Target. By 2026 the carbon footprint will be calculated and by 2028 the verified PCF will be provided to our customer for the main products.

## Water use and consumption

We conduct regular water quality assessments to ensure compliance with environmental regulations and standards. Our wastewater management practices effectively keep contaminants like AOX and Cyanide well below the permissible limits.

Target. Christian Pfeiffer compromises to keep the values of AOX below 0,010 mg/L and Cyanide below 0,0050 mg/L.

## Use of chemicals or other hazardous substances

A risk evaluation with appropriate measures has been created to address the use of chemicals and hazardous substances. Moving forward, a comprehensive risk assessment of all chemicals currently in use must be conducted. Additionally, a thorough training program for employees on the safe use, handling, and disposal of hazardous substances must be developed. Finally, a detailed incident response plan will be established to provide clear guidelines and procedures for addressing any chemical-related incidents promptly and effectively.

Target. Lost time injury (LTI) frequency rate for direct workforce and lost time injury (LTI) severity rate for direct workforce reduction to zero by the implementation of training program in the workshop area.

## Waste generation

Christian Pfeiffer is dedicated to responsible waste management as part of our broader commitment to environmental sustainability. By focusing on waste reduction, segregation, recycling, responsible disposal, and continuous improvement, we aim to minimize our environmental footprint and contribute positively to the environment.

Target. Create a monthly report by 2025 on waste management to provide also the environmental impact of the waste in the company.

## Circular Economy

The residues (offcuts) due to the creation of plates are recycled. The recycled raw materials are supplied to the steel industry, where they are used to create new steel products, thus closing the loop and reducing the need for virgin raw materials.

Target. To track and calculate the avoided emissions due to the recycling of the raw material in our industry by 2026.

## Green Supply Chain

We are committed to promoting greener processes within our supply chain by collaborating with suppliers who prioritize sustainability. We will provide information on environmentally friendly practices and, when necessary, diversify our supply chains to source raw materials like green steel, ensuring alignment with our sustainability goals.

Target. We aim to promote sustainable practices within the procurement department by implementing our supplier code of conduct in 2025.

## Preservation of Nature and Biodiversity

We are committed to taking proactive and sustained actions to protect and enhance the health of our planet.

Target. Develop one urban green space in the company's area that include pollinator-friendly plants by 2030. Other action includes encouraging employees, stakeholders, and the community to use Ecosia, helping to plant trees with every search and support environmental sustainability by 2024.