



Our vision: Leader in sustainability

We take our responsibility for the environment seriously. By 2025, we aim to be the sustainability leader for the carbide and cutting tool industry.

We will show you how you can benefit from our sustainable activities and gain a significant competitive advantage!

CERATIZIT is a high-technology engineering group specialised in cutting tools and hard material solutions.

Tooling a Sustainable Future

ceratizit.com



CERATIZIT
GROUP

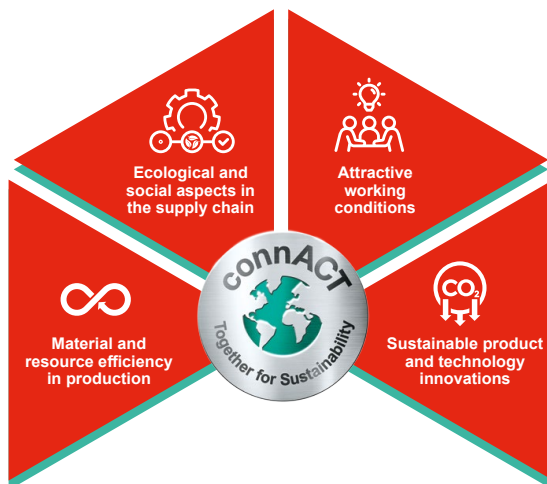
Sustainability is not a goal, it's a mission

Real sustainability only works together. That's why our ambitious sustainability mission not only relates to internal processes:

- ▲ It involves the **entire supply chain**.
- ▲ It also aims to enable you to **produce more sustainably** using our products and services.

Together for sustainability

Working together, joining forces, and taking joint action for sustainability – our connACT logo underlines the importance of working **together for sustainability**.



Our sustainability strategy

Our sustainability strategy not only relates to internal processes and resources. It also sets new standards for **collaboration with our partners** - in terms of environmental, social, and governance criteria, or ESG for short.

In the first step, we are focusing on the aspects with the biggest leverage: **decarbonisation and circular economy**.

Net zero by 2040

The United Nations' Sustainable Development Goals aim to achieve net-zero carbon emissions by 2050. We think we can do better and aim to be **net zero by 2040**.

- ▲ **2025: Voluntary Short-Term Target**
35% absolute reduction by covering emissions from Scope 1, 2 and 3 upstream categories until the factory gate.
- ▲ **2030: Near-Term Target**
54% absolute reduction by covering emissions from Scope 1, 2, and 3 (upstream and downstream investments).
- ▲ **2040: Long-Term Target**
Net-zero emissions across all scopes and value chain (90% absolute reduction).



Since 2025 our decarbonisation goals are approved by SBTi.
Follow this link for more information: sciencebasedtargets.org/target-dashboard

Product Carbon Footprint

To grasp and evaluate the footprint of a product at a glance, we were the first company to introduce a classification system that displays the PCF for carbide tools.

This offers you a solid foundation for integrating the CO₂ footprint into your purchasing decisions. Additionally, the PCF aids in calculating your own CO₂ footprint.



Your benefits

- ▲ More transparency regarding the CO₂ footprint
- ▲ With Classification visible at a glance
- ▲ Option for an additional PCF certificate for more transparency when calculating your own CO₂ footprint

Recycle with CERATIZIT

By recycling, we recover tungsten and cobalt from secondary raw materials (worn carbide tools) and reduce the energy required compared to mining from ore.

The raw material obtained is identical to tungsten from ore and **is identical to it in terms of quality.**

We aim to increase the proportion of tungsten sourced from **secondary raw materials** across our entire product portfolio **to around 90% by 2030.**



Your benefits

- ▲ We buy back your carbide – financial profit for you
- ▲ Simply fill out the recycling form, our experts will take care of everything
- ▲ You contribute to resource-efficient, secure, and more independent manufacturing



PCF* classification

in kg CO₂e/kg product

A 0-5

B 5-15

C 15-25

D 25-35

E 35-50

F >50

* The Product Carbon Footprint (PCF) is the specific carbon footprint in kg CO₂e/kg product. It uses the cradle-to-gate approach and excludes downstream emissions.



Become part of the recycling cycle and benefit!





upGRADE – The circular carbide powder

upGRADE describes **reprocessed tungsten carbide powder** that has the highest material recycling rate in its category. 50-99% of the powder is reprocessed using advanced metallurgical technologies and 100% renewable energy.



Your benefits

- ▲ Consistently high product performance
- ▲ Optimised product designs
- ▲ Circular powder with low CO₂ emissions



A second life for your tools

By **regrinding or reprofiling**, you can achieve nearly 100% of the original tool life and performance of a new tool. Prolonging the use of your tools benefits the environment, and you save doubly:

- ▲ Regrinding is significantly cheaper than purchasing new products
- ▲ Outsourcing is cheaper than maintaining your own grinding machines



Your benefits

- ▲ More sustainable and cost-effective
- ▲ Precision regrinding within the desired tolerance
- ▲ Quick online check to identify eligible tools for regrinding



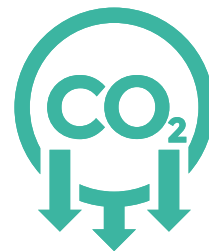
Packaging made from 100% recycled plastic

Currently, plastic packaging provides optimal protection against damage and reactions with other elements for our valuable tools.



Your benefits

- ▲ Recycled plastic allows us to save resources and CO₂
- ▲ Packaging and label can be recycled together



-35% CO₂
by 2025

-54% CO₂
by 2030

-90% CO₂
by 2040



**91%* tungsten
recycling rate
in 2023/24**

**90%*
tungsten
recycling rate
by 2030**

*based on scrap
recycling rates of
sintered products

CERATIZIT
Kreckelmoos site
(Breitenwang, Tyrol)

Your sustainable benefits at a glance

Collaborative actions for sustainability are not only vital contributions to address the climate crisis but can also provide you with **crucial competitive advantages**.

Product Carbon Footprint

- ▲ More transparency regarding the CO₂ footprint
- ▲ Option for an additional detailed PCF certificate

Recycling with CERATIZIT

- ▲ We buy back your worn carbide tools
- ▲ You benefit financially

upGRADE – The circular carbide powder

- ▲ Highest performance
- ▲ Reduced Product Carbon Footprint

Reprofiling and regrinding

- ▲ Nearly 100% of the original tool life and performance
- ▲ Cost savings for you

Sustainable packaging

- ▲ Made from 100% recycled plastic
- ▲ Optimal protection with reduced CO₂ footprint

All about our
sustainability
efforts

