CoorsTek

SUSTAINABILITY REPORT 2024

INTRODUCTION

From our beginnings over a century ago as a small porcelain manufacturer to today's contributions as a global leader in technical ceramics, CoorsTek continues to be grounded in strong values. These principles, known as The CoorsTek Way* guide how we treat our business partners, employees, and the world around us. From the products we make to the people we employ, The CoorsTek Way is fundamental to the way we do business—and has been for over 115 years.

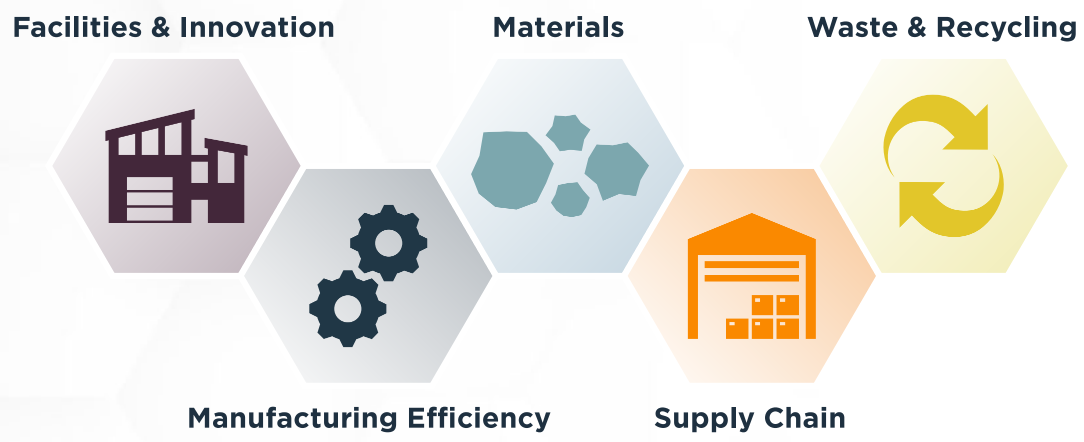
Core tenets of the CoorsTek Way include valuing the inherent worth and dignity of every individual, pushing the limits of what's possible, thinking globally while acting locally, and evolving to meet the challenges of the future. It is with these tenets in mind that we present our 2024 Sustainability Report.

In the energy-intensive industry of technical ceramics, we know our impact matters. To stay true to our guiding principles, we're working to reduce waste, emissions, and water use while scaling our use of renewable energy. These goals are part of our plan to innovate and grow responsibly. We are proud of the metrics we achieved in 2024 and years prior and are excited by the progress we have made toward our 2030 Climate Vision: Minimize Waste, Maximize Impact.

*To learn more about the CoorsTek Way, visit www.coorstek.com/the-coorstek-way

SUSTAINABILITY PROGRAM

CoorsTek is committed to environmental stewardship and advancing sustainable practices throughout our operations. Acknowledging the intensive energy and resource demands of our business, we strive to conserve and minimize our impact on the environment and the communities in which we live, work, and serve. Our sustainability efforts are focused on five key areas:



Within these categories, measures include conserving resources, improving material utilization, reducing water and energy use, minimizing scrap, improving waste management, and reducing carbon emissions. We work to meet or exceed environmental regulations and foster partnerships that integrate sustainability across our value chain.

CoorsTek has a robust program in place to set plant-level expectations and provides tools, resources, and support to advance sustainability outcomes. As part of the 'CoorsTek Operations Roadmap to Excellence', sustainability is a required focus block for every production facility.

This entails a set of capabilities covering:

- Energy and water audits
- Compressed air leak surveys
- Establishing facility-based sustainability teams
- Developing resource conservation measures
- Evaluating environmentally friendly alternative energy sources and materials
- Implementing real-time energy monitoring and analyzing utility expenditures
- Additional activities to meet our sustainability metric and climate goals

Our manufacturing plants have adopted these indicators into daily routines and strategic business practices. Success at the foundational level has led to developing additional, advanced criteria for 2025. We are implementing operational procedures to minimize resource consumption, integrating emissions reduction plans, and conducting product, process, and material studies to evaluate environmental improvements and circularity.

Introduced in 2022, the corporate sustainability metric aims to reduce electric, gas, and water usage over total hours worked compared to a 2021 baseline and scrap value year over year.

Corporate Sustainability Metrics:

Electric, Gas, and Water
Usage/Hours Worked

↓18%
since 2021

Scrap Value
Year over Year Comparison

↓4% 2022

↓22% 2023

↓10% 2024

STRATEGIC DIRECTION & CLIMATE VISION

CoorsTek has made significant progress on our sustainability journey, and we are deliberately advancing on this continuum. In our 2023 sustainability report we announced our 2030 Climate Vision: Minimize Waste, Maximize Impact. Developed with a data driven approach, our climate goals are a major signal to our customers, business partners, employees, and community that environmental sustainability is a priority.

Our 2030 Climate Vision focuses on four key areas, including waste diversion, Scope 1 and 2 emissions, water usage, and renewable energy. As part of our ongoing sustainability efforts, we will begin to develop a Scope 3 emissions plan to address our upstream and downstream activities.

2024 Progress

Waste Diversion
46%

Emissions*
↓25%

Water*
↓21%

Renewable Energy
22%

*Compared to a 2021 baseline.

2030 Climate Vision

Waste Diversion & Reduction

60%

In 2024 our global landfill diversion rate was at 46%, up from 40% since we began tracking this metric in 2022. Our objective is to increase our global landfill diversion rate to 60% by 2030. Waste generated from raw materials mining, isolation, production, and transportation is of particular concern, and we are focusing deliberate efforts to identify areas of improvement at each stage of our procurement and manufacturing process. CoorsTek is leveraging our technology and engineering expertise to reduce waste generated through powder processing and manufacturing. In 2025, we introduced a new corporate metric to reduce raw material waste by 20% by 2030 compared to 2022.

Emissions Reduction

↓42%

Our goal is to achieve a 42% Scope 1 and 2 Emissions Reduction by 2030. These goals are based on absolute values compared to a 2021 baseline. The majority of our Scope 1 emissions derive from the consumption of natural gas and other fuels. Scope 2 emissions come from utility grid electricity consumption. Through energy efficiency measures, electrification, sustainable design, grid decarbonization, and clean energy adoption, our emissions output will steadily decline by 2030.

Compared to our 2021 baseline, in 2024 we have achieved a 25% absolute value reduction in global Scope 1 & Scope 2 emissions. This is based solely upon direct and indirect emissions and does not include renewable energy offsets.

Our emissions target, which includes Scope 1 and Scope 2, is data driven and based on the Science Based Targets initiative (SBTi) tool.

In 2025, our focus is on developing a structured Scope 1 decarbonization roadmap tracking to our 2030 goals while continuing our Scope 2 reduction efforts through energy efficiency projects and clean energy procurement. We will also begin a Scope 3 emissions assessment plan and develop our methodology to address broader value chain emissions impacts and reduction opportunities in 2025.

Water Reduction

↓20%

Our 20% water reduction goal against a 2021 baseline will be achieved through the prioritization of water conservation investments in areas expected to experience higher levels of water stress over the next decade. We have already seen significant progress toward this metric and are confident in our ability to exceed this goal.

Renewable Energy

50%

CoorsTek has rapidly and intentionally scaled its use of renewable energy. We aim to achieve at least 50% of our total electricity consumption in 2030 sourced from renewable energy. In 2024, 22% of our total electricity consumption was sourced from renewable energy, up from roughly 7% in 2021.

2024 HIGHLIGHTS

Numerous projects and initiatives contributed to our overall waste and carbon reduction metrics in 2024. Some highlights include:

Recycling event at CoorsTek Rayong, Thailand facility

Tokuyama Solar Project

Gumi Facility Wastewater Purification

The CoorsTek facility in Gumi, South Korea implemented a new wastewater purification process to treat organic solvents. As a result of the new process, approximately 14 tons (70%) of solvents used at the facility will be purified and recycled annually.

Zero Waste to Landfill Sites

As of 2024, eight CoorsTek manufacturing facilities have achieved zero-waste to the landfill. These facilities utilize a variety of methods to divert waste, including energy recovery programs, projects to improve manufacturing yields to minimize material loss, and recycling partnerships handling materials such as sludge, electronics, scrap metal, waste oil, and other waste streams that are being reused and repurposed.

Notably, our facility in Hadano, Japan has been operating as a zero-waste factory since 2011. This facility has been working to reduce waste generation since 2006 and has a dedicated recycling center on property. The facility was recognized by the Kanagawa Prefecture Environmental Improvement Contributor Award in 2023.

Tokuyama Solar Project

At our quartz glass manufacturing facility in Shunan City, Japan, CoorsTek Tokuyama has installed a solar power generation system with a maximum capacity of 373 kilowatts (kW) and is expected to generate approximately 390,000 kilowatt-hours (kWh) of renewable electricity per year. The system is expected to reduce the facility's carbon footprint by 184 tons of CO_2 emissions per year.

AMP Process Improvement

At our Advanced Materials Processing (AMP) facility in Golden, CO USA, improvements were implemented in the drying process to reduce material waste. Annually, the project will divert approximately 250k lbs. of material from the landfill. Additionally, less material will need to be produced, resulting in energy savings.

Golden Facility Kiln Upgrades

Scrap and Productivity

Scrap reduction and productivity improvements are a major focus throughout our global facilities. These projects not only have the benefit of reducing waste, but they also allow us to serve our customers more efficiently and responsibly. This year alone at our plants in Benton, AR, Lexington, KY, East Granby, CT (USA), and Mönchengladbach, Germany these improvements yielded a combined scrap reduction total of 109,000 lbs. Scrap reduction / material utilization is one of the greatest sustainability leverage areas for a global materials product manufacturer and is especially true in technical ceramics.

Golden Facility Kiln Upgrades

At one of our facilities Golden, CO USA we transferred firing operations from two legacy kilns to a high efficiency gas tunnel kiln and an electric periodic kiln. The process required right-sizing and reengineering the newer kilns to bring them online, including development and production of new kiln furniture and adding a return track on the tunnel kiln. The legacy tunnel kilns were decommissioned.

As a result of these actions, the facility reduced natural gas usage by an average of 8,200 therms/month. This translates to saving more than 1.1M lbs. of CO_2 emissions per year, the equivalent of 131 homes. The facility is also repurposing and reusing bricks from the furniture of the decommissioned kilns for other firing operations throughout the business. Additionally, with better process controls and more consistent operations, the two new kilns are generating higher process yields.

CoorsTek facility in Rayong, Thailand

Thailand Rooftop and Carport Solar System

The new CoorsTek rooftop and carport solar system is now fully operational at our manufacturing facility in Rayong, Thailand. This 1.5 megawatt-peak (MWp) system is expected to generate approximately 2,000 megawatt-hours (MWh) of renewable electricity annually, providing significant cost savings and reducing our carbon footprint by about 840 metric tons of CO_2 emissions per year. A major benefit of the new system is the monitoring capabilities that allow us to track solar generation and electric consumption in real-time.

CONCLUSION

CoorsTek has made meaningful progress on our journey to a more sustainable future. We are committed to collaborating with our customers, employees, and communities to accelerate change across our industry and the sectors we serve. Together, we strive to create a lasting positive impact for future generations.

ABOUT COORSTEK

Founded in 1910, CoorsTek is a leading global manufacturer of technical ceramics. By leveraging expertise in engineering and materials science, CoorsTek provides solutions to complex technical challenges in the semiconductor, medical, aerospace and other industries. With over 400 proprietary material formulations, vertically integrated systems, and unparalleled process capabilities, CoorsTek partners with its customers to make the world measurably better.

Visit www.coorstek.com.